



Bill of Material for every combination

Ratio - Shafts - Convers

GEARBOXES MADE IN ITALY



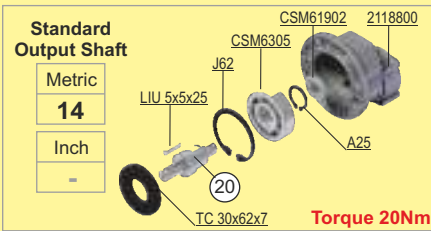
CEM:MEC
HYDRO

2019
Rev. 00

ONE STEP UNITS ø14mm (20 Nm)

211A

Kit base



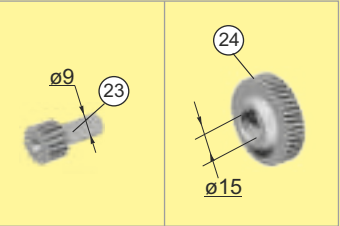
Ratio	Kit Base	(20)	Q.ty
2.05	211A01..	ø14	
2.35	211A01..	ø14	
2.80	211A01..	ø14	
3.38	211A01..	ø14	
4.70	211A01..	ø14	
6.22	211A01..	ø14	
8.28	211A01..	ø14	
9.83	211A01..	ø14	

→ For modular base **Metric** example: 211A01[14] → ø shaft 14mm

First gear set kit

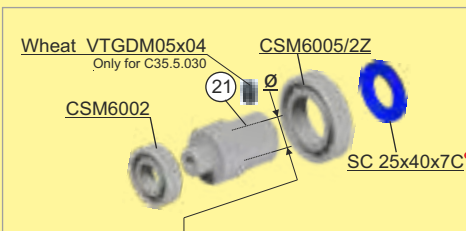
The first step gears complete kit price is 23+24 complete with

LIQ5x5x10.5(CMT)



Kits Cod.	Q.ty	(23) Pinion	(24) Gear Wheel
KX22S-19/39		C40.0.105B	X2A.0.135
KX22S-17/40		C40.0.104B	X2A.0.134
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-13/44		C40.0.103B	X2A.0.133
KX22S-10/47		C40.0.102B	X2A.0.132
KX22S-9/56		C40.0.101B	X2A.0.131
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-6/59		X2A.0.110	X2A.0.140

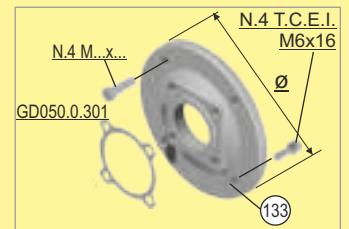
Input motor shaft kit



Cod. (21)	ø9	ø11	ø14	ø5/8" (56C)
KX2S.5.030	KX2S.5.031	KX2S.5.032	KX2S.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	Q.ty

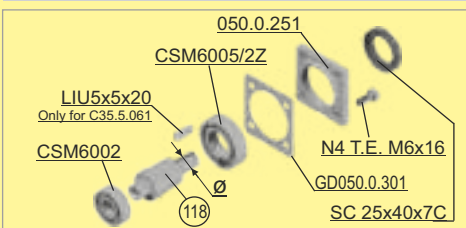
• For KX2S.5.31, oil seal 020x040x07C
 For KX2S.5.30, oil seal 015x040x07C
 For KX2S.5.35U, oil seal 025x040x07C

Metric Motor Flanges



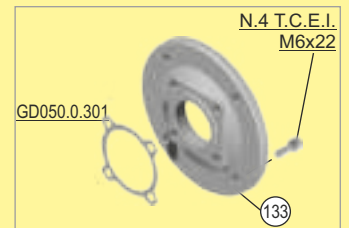
Kits Cod. (133)	PAM	Q.ty
K050.4.041 (ø140)	63B5	
K050.4.042 (ø160)	71B5	
KC40.4.049 (ø80)	56B14	
K050.4.047 (ø90)	63B14	
K050.4.045 (ø105)	71B14	

Input Male Shaft



Kits Cod. (118)	ø14	Q.ty
KX2S.5.061		

Nema Motor Flanges

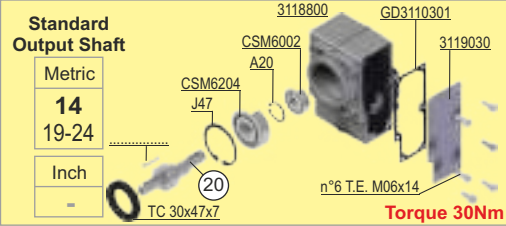


Kits Cod. (133)	Nema	Q.ty
KU050.4.041	ø6.5" (56C)	

ONE STEP UNITS ø14mm (30 Nm)

311A

Kit base



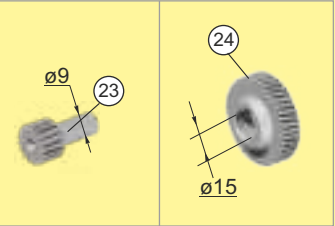
Ratio	Kit Base	20	Q.ty
1.57	311A01..	ø....	
2.84	311A01..	ø....	
3.29	311A01..	ø....	
3.87	311A01..	ø....	
4.62	311A01..	ø....	
6.30	311A01..	ø....	
8.22	311A01..	ø....	
10.86	311A01..	ø....	

For modular base Metric example: 311A0114 → ø shaft 14mm

First gear set kit

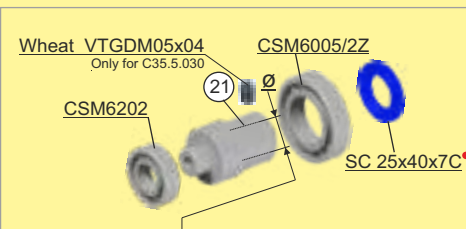
The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)



Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-28/44		C40.0.129B	C40.0.139B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B

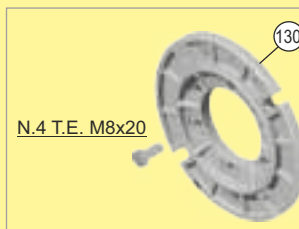
Input motor shaft kit



Cod. 21	ø9	ø11	ø14	ø5/8" (56C)
KC35.5.030	KC35.5.031	KC35.5.032	KC35.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	Q.ty

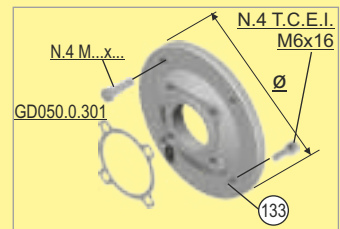
For KC35.5.31, oil seal 020x040x07C
For KC35.5.30, oil seal 015x040x07C
For KC35.5.35U, oil seal 025x040x07C

Output Flanges



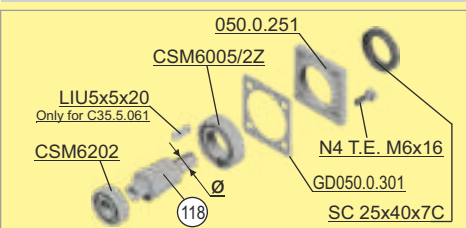
Kits Cod. 130	ø	Q.ty
KC30.9.010	ø120	
KC30.9.011	ø140	
KC30.9.012	ø160	
KC30.9.013	ø200	

Metric Motor Flanges



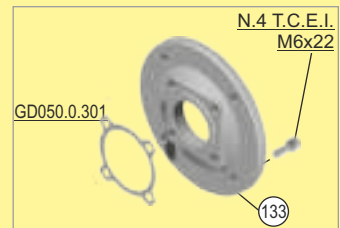
Kits Cod. 133	PAM	Q.ty
K050.4.041 (ø140)	63B5	
K050.4.042 (ø160)	71B5	
KC40.4.049 (ø80)	56B14	
K050.4.047 (ø90)	63B14	
K050.4.045 (ø105)	71B14	

Input Male Shaft



Kits Cod. 118	ø14	Q.ty
KC35.5.061		

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KU050.4.041	ø6.5" (56C)	

Specific Kits of COAXIAL

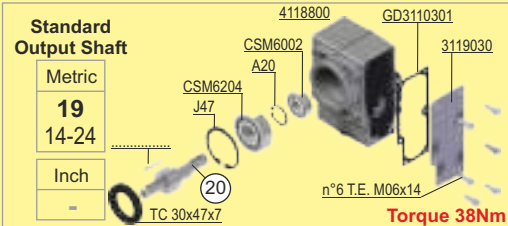
Kits in common with coaxials or worm

NEMA Kits
pag. 02

ONE STEP UNITS ø19mm (38 Nm)

411A

Kit base



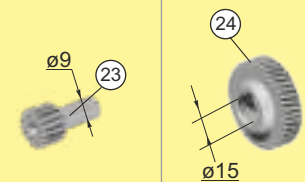
Ratio	Kit Base	20	Q.ty
1.57	411A01..	ø...	
2.84	411A01..	ø...	
3.29	411A01..	ø...	
3.87	411A01..	ø...	
4.62	411A01..	ø...	
6.30	411A01..	ø...	
8.22	411A01..	ø...	
10.86	411A01..	ø...	

→ For modular base Metric example: 411A01¹⁹ → ø shaft 19mm

First gear set kit

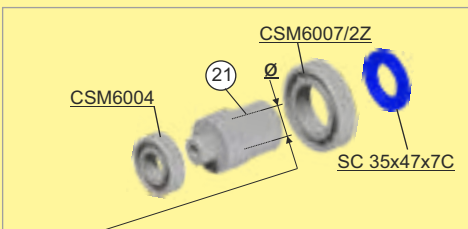
The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)



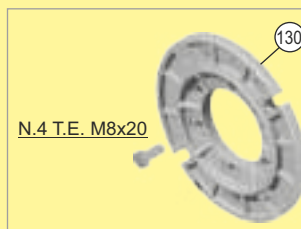
Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-28/44		C40.0.129B	C40.0.139B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B

Input motor shaft kit



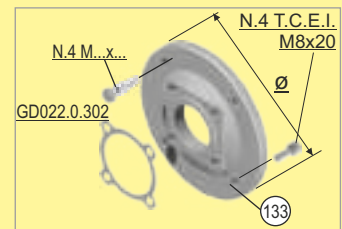
Cod. 21	ø14	ø19	ø24	ø5/8" (56C)
KC40.5.032	KC40.5.033	KC40.5.034	KC40.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	Q.ty
			ø7/8" (143/5C)	
			KC40.5.036U	
			Q.ty	

Output Flanges



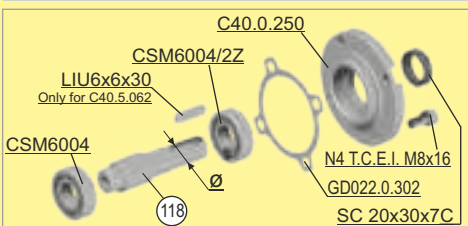
Kits Cod. 130	ø	Q.ty
KC30.9.010	ø120	
KC30.9.011	ø140	
KC30.9.012	ø160	
KC30.9.013	ø200	

Metric Motor Flanges



Kits Cod. 133	PAM	Q.ty
K063.4.041 (ø140)	63B5-90B14	
K063.4.042 (ø160)	71B5	
K063.4.043 (ø200)	80-90B5	
K063.4.047 (ø105)	71B14	
K063.4.046 (ø120)	80B14	

Input Male Shaft



Kits Cod. 118	ø19	Q.ty
KC40.5.062		

Nema Motor Flanges

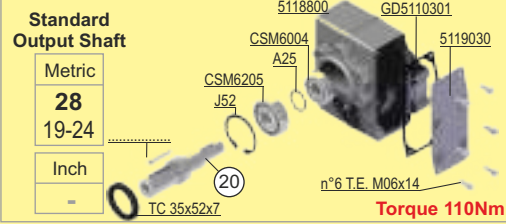


Kits Cod. 133	Nema	Q.ty
KU063.4.041	ø6.5" (143/5TC)	

ONE STEP UNITS $\phi 28\text{mm}$ (110 Nm)

511A

Kit base



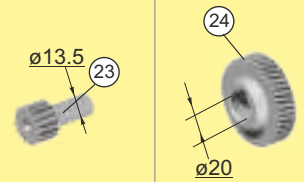
Ratio	Kit Base	(20)	Q.ty
1.30	511A01..	ϕ ...	
2.45	511A01..	ϕ ...	
3.31	511A01..	ϕ ...	
4.31	511A01..	ϕ ...	
5.27	511A01..	ϕ ...	
7.63	511A01..	ϕ ...	
10.50	511A01..	ϕ ...	

For modular base Metric example: 511A01(28) \rightarrow ϕ shaft 28mm

First gear set kit

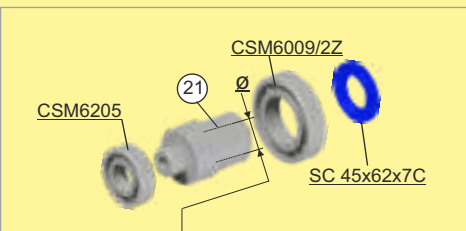
The first step gears complete kit price is 23+24 complete with

LIU6x6x25(CMT)



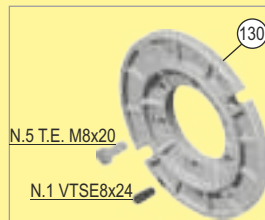
Kits Cod.	Q.ty	(23) Pinion	(24) Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130

Input motor shaft kit



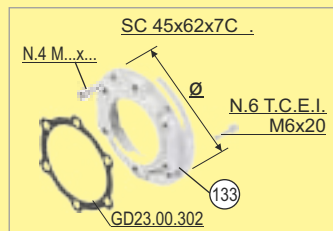
Cod.	(21) $\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	
			$\phi 7/8"$ (143/5TC)	
			KC50.5.036U	
			Q.ty	
			$\phi 1-1/8"$ (182/4TC)	
			KC50.5.037U	
			Q.ty	

Output Flanges



Kits Cod.	(130) ϕ	Q.ty
KC40.9.010	$\phi 120$	
KC40.9.011	$\phi 140$	
KC40.9.012	$\phi 160$	
KC40.9.013	$\phi 200$	
KC40.9.014	$\phi 250$	

Metric Motor Flanges



Kits Cod.	(133) PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

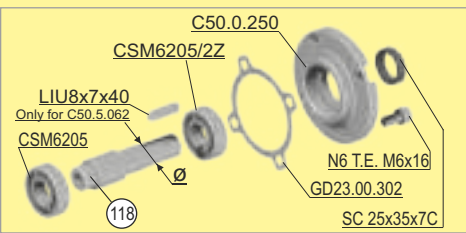
*For K023.4.043, screws N.6 T.E. M6x25

Nema Motor Flanges



Kits Cod.	(133) Nema	Q.ty
KUC085.4.041	$\phi 6.5"$ (143/5TC)	
KUC085.4.042	$\phi 8.5"$ (182/4TC)	

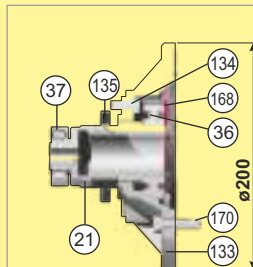
Input Male Shaft



Kits Cod.	(118) $\phi 24$	Q.ty
KC50.5.062		

Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8



(133) C50.4.041 for 132B14	(134) N.6 T.C.E.I. M8x25**
(133) C50.4.043 for 132B5	(135) SC 55x75x10C
(21) C50.5.038	(170) N.4 T.E. M10x35 for B14
(36) CSM6011/2RS	N.4 T.E. M12x45 for B5
(37) CSMNJ205	(168) Seeger J90
Kits Cod.	
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	
	Q.ty

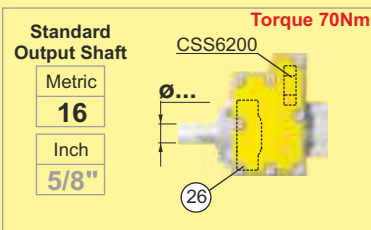
Specific Kits of COAXIAL

Kits in common with coaxials or worm

NEMA Kits
pag. 04

COMPACT COAXIAL SHAFT $\phi 16\text{mm}$ (70 Nm)

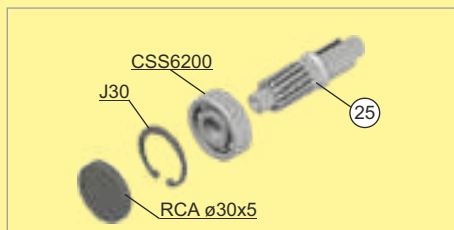
202A Modular base



Ratio	Mod. Base	26	Q.ty
3.44	C20A0116	46	
4.28	C20A0216	49	
5.45	C20A0316	52	
6.23	C20A0116	46	
7.20	C20A0416	55	
7.74	C20A0216	49	
9.85	C20A0316	52	
11.42	C20A0316	52	
13.03	C20A0416	55	
15.10	C20A0416	55	
16.20	C20A0516	57	
18.78	C20A0516	57	
21.15	C20A0416	55	
21.84	C20A0316	52	
26.31	C20A0516	57	
28.88	C20A0416	55	
35.91	C20A0516	57	
37.69	C20A0416	55	
46.87	C20A0516	57	
49.76	C20A0416	55	
61.89	C20A0516	57	

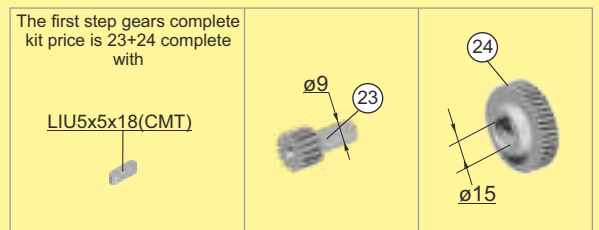
For modular base Metric example: C20A0116 $\rightarrow \phi$ shaft 16mm

Slow Step Kit



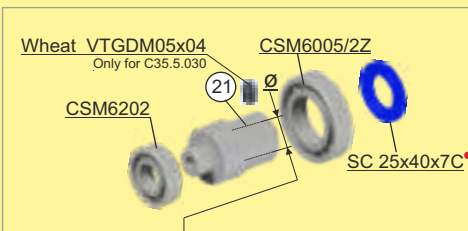
Cod. Pinion	25	Q.ty
KC30.1.149	21	
KC30.1.148	18	
KC30.1.146	15	
KC30.1.149	21	
KC30.1.144	12	
KC30.1.148	18	
KC30.1.146	15	
KC30.1.146	15	
KC30.1.144	12	
KC30.1.144	12	
KC30.1.141	10	
KC30.1.141	10	
KC30.1.144	12	
KC30.1.146	15	
KC30.1.141	10	
KC30.1.144	12	
KC30.1.144	12	
KC30.1.141	10	
KC30.1.141	10	
KC30.1.144	12	
KC30.1.144	12	
KC30.1.141	10	
KC30.1.141	10	
KC30.1.144	12	
KC30.1.141	10	

First gear set kit



Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-28/44		C40.0.129B	C40.0.139B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-10/63		C40.0.102B	C40.0.133B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B

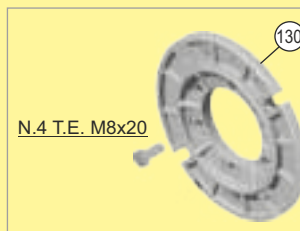
Input motor shaft kit



Cod. 21	$\phi 9$	$\phi 11$	$\phi 14$	$\phi 5/8"$ (56C)
KC35.5.030	KC35.5.031	KC35.5.032	KC35.5.035U	
	Q.ty	Q.ty	Q.ty	Q.ty

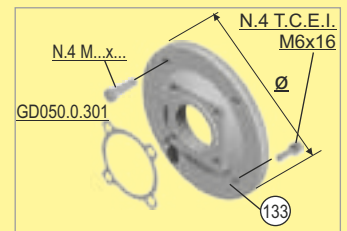
For KC35.5.31, oil seal 020x040x07C
For KC35.5.30, oil seal 015x040x07C
For KC35.5.35U, oil seal 025x040x07C

Output Flanges



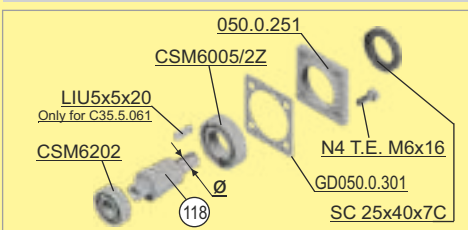
Kits Cod. 130	ϕ	Q.ty
KC30.9.010	$\phi 120$	
KC30.9.011	$\phi 140$	
KC30.9.012	$\phi 160$	
KC30.9.013	$\phi 200$	

Metric Motor Flanges



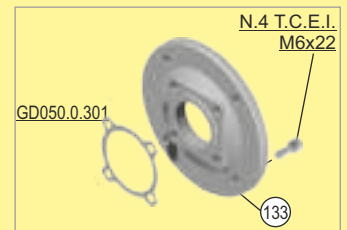
Kits Cod. 133	PAM	Q.ty
K050.4.041 ($\phi 140$)	63B5	
K050.4.042 ($\phi 160$)	71B5	
KC40.4.049 ($\phi 80$)	56B14	
K050.4.047 ($\phi 90$)	63B14	
K050.4.045 ($\phi 105$)	71B14	

Input Male Shaft



Kits Cod. 118	$\phi 14$	Q.ty
KC35.5.061		

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KU050.4.041	$\phi 6.5"$ (56C)	

COMPACT COAXIAL SHAFT $\phi 20\text{mm}$ (120 Nm)

302A Modular base

Standard Output Shaft Torque 120Nm

Metric
20

Inch
3/4"

CSS6200

$\phi \dots$

(26)

Ratio	Mod. Base	(26)	Q.ty
3.44	C30A0120	46	
4.28	C30A0220	49	
5.45	C30A0320	52	
6.23	C30A0120	46	
7.20	C30A0420	55	
7.74	C30A0220	49	
9.85	C30A0320	52	
11.42	C30A0320	52	
13.03	C30A0420	55	
15.10	C30A0420	55	
16.20	C30A0520	57	
18.78	C30A0520	57	
21.15	C30A0420	55	
21.84	C30A0320	52	
26.31	C30A0520	57	
28.88	C30A0420	55	
35.91	C30A0520	57	
37.69	C30A0420	55	
46.87	C30A0520	57	
49.76	C30A0420	55	
61.89	C30A0520	57	

Slow Step Kit

CSS6200

J30

RCA $\phi 30 \times 5$

(25)

Cod. Pinion	(25)	Q.ty
KC30.1.149	21	
KC30.1.148	18	
KC30.1.146	15	
KC30.1.149	21	
KC30.1.144	12	
KC30.1.148	18	
KC30.1.146	15	
KC30.1.146	15	
KC30.1.144	12	
KC30.1.144	12	
KC30.1.141	10	
KC30.1.141	10	
KC30.1.144	12	
KC30.1.146	15	
KC30.1.141	10	
KC30.1.144	12	
KC30.1.144	12	
KC30.1.141	10	
KC30.1.144	12	
KC30.1.144	12	
KC30.1.141	10	
KC30.1.144	12	
KC30.1.141	10	
KC30.1.144	12	
KC30.1.141	10	

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)

$\phi 9$ (23)

(24)

$\phi 15$

Kits Cod.	Q.ty	(23) Pinion	(24) Gear Wheel
KC402-28/44		C40.0.129B	C40.0.139B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B

Input motor shaft kit

CSM6004

CSM6007/2Z

(21)

ϕ

SC 35x47x7C

Cod. (21)	$\phi 14$	$\phi 19$	$\phi 24$	$\phi 5/8"$ (56C)
KC40.5.032	KC40.5.033	KC40.5.034	KC40.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	Q.ty
			$\phi 7/8"$ (143/5C)	
			KC40.5.036U	
			Q.ty	

Output Flanges

(130)

N.4 T.E. M8x20

Kits Cod. (130)	ϕ	Q.ty
KC30.9.010	$\phi 120$	
KC30.9.011	$\phi 140$	
KC30.9.012	$\phi 160$	
KC30.9.013	$\phi 200$	

Metric Motor Flanges

N.4 M...x...

N.4 T.C.E.I. M8x20

GD022.0.302

ϕ

(133)

Kits Cod. (133)	PAM	Q.ty
K063.4.041 ($\phi 140$)	63B5-90B14	
K063.4.042 ($\phi 160$)	71B5	
K063.4.043 ($\phi 200$)	80-90B5	
K063.4.047 ($\phi 105$)	71B14	
K063.4.046 ($\phi 120$)	80B14	

Input Male Shaft

C40.0.250

CSM6004/2Z

LIU6x6x30
Only for C40.5.062

CSM6004

ϕ

N4 T.C.E.I. M8x16

GD022.0.302

SC 20x30x7C

(118)

Kits Cod. (118)	$\phi 19$	Q.ty
KC40.5.062		

Nema Motor Flanges

N.4 T.C.E.I. M8x20

GD022.0.302

(133)

Kits Cod. (133)	Nema	Q.ty
KU063.4.041	$\phi 6.5"$ (143/5TC)	

Specific Kits of COAXIAL

Kits in common with coaxials or worm

NEMA Kits
pag. 06

COAXIAL SHAFT $\varnothing 25\text{mm}$ (160 Nm)

402A Modular base

Standard Output Shaft

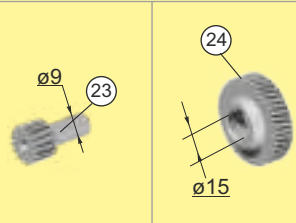
Torque 160Nm

Metric **25**

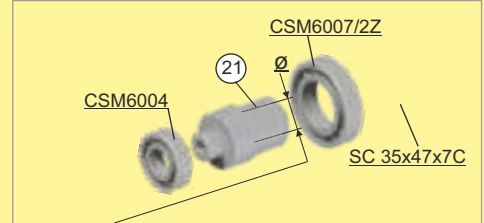
Inch **1"**

The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)



Input motor shaft kit



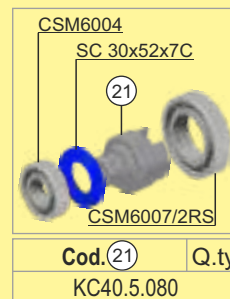
Ratio	Mod. Base	(26)	(25)	Q.ty
3.52	C40A0525	47	21	
4.37	C40A0425	50	18	
5.55	C40A0325	46	13	
6.36	C40A0525	47	21	
7.33	C40A0225	56	12	
7.89	C40A0425	50	18	
10.06	C40A0325	46	13	
11.66	C40A0325	46	13	
13.26	C40A0225	56	12	
13.68	C40A0325	46	13	
15.37	C40A0225	56	12	
16.20	C40A0125	57	10	
18.04	C40A0225	56	12	
18.80	C40A0125	57	10	
21.54	C40A0225	56	12	
22.29	C40A0325	46	13	
26.30	C40A0125	57	10	
29.40	C40A0225	56	12	
35.91	C40A0125	57	10	
38.37	C40A0225	56	12	
46.86	C40A0125	57	10	
50.67	C40A0225	56	12	
61.88	C40A0125	57	10	

Kits Cod.	Q.ty	(23) Pinion	(24) Gear Wheel
KC402-28/44		C40.0.129B	C40.0.139B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B

Cod. (21)	$\varnothing 19$	$\varnothing 24$	$\varnothing 5/8"$ (56C)
KC40.5.032	KC40.5.033	KC40.5.034	KC40.5.035U
Q.ty	Q.ty	Q.ty	Q.ty
			$\varnothing 7/8"$ (143/5C)
			KC40.5.036U
			Q.ty

→ For modular base **Metric** example: C40A0125 → \varnothing shaft 25mm
 → For modular base **Nema** example: C40A01100U → \varnothing shaft 1.00" (25.4mm)

Input motor shaft kit for coupling



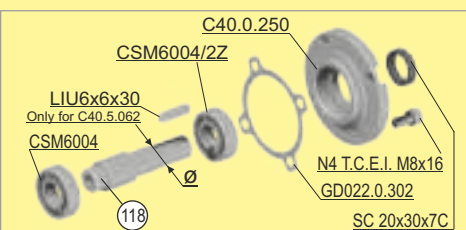
Cod. (21)	Q.ty
KC40.5.080	

Coupling



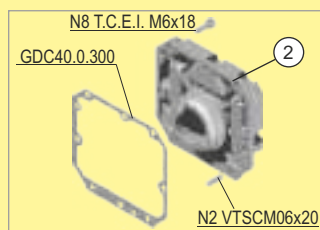
Cod. (275)	Q.ty
C40.5.091P	$\varnothing 11\text{mm}$
C40.5.092P	$\varnothing 14\text{mm}$
KC40.5.093P	$\varnothing 19\text{mm}$
KC40.5.094Z	$\varnothing 24\text{mm}$
KC40.5.096UZ	$\varnothing 0.625"$
KC40.5.097UZ	$\varnothing 0.875"$

Input Male Shaft



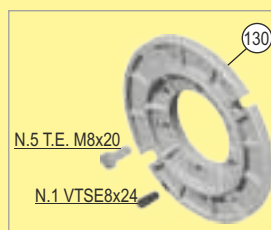
Kits Cod. (118)	$\varnothing 19$	Q.ty
KC40.5.062		

Input Cover



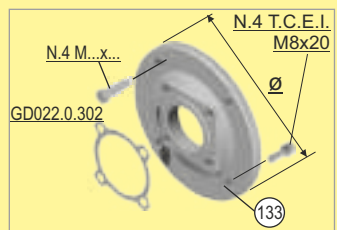
Kits Cod. (2)	Q.ty
KC40.9.050	

Output Flanges



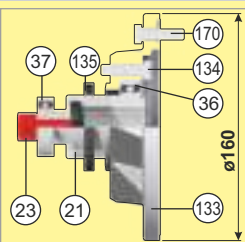
Kits Cod. (130)	\varnothing	Q.ty
KC40.9.010	$\varnothing 120$	
KC40.9.011	$\varnothing 140$	
KC40.9.012	$\varnothing 160$	
KC40.9.013	$\varnothing 200$	
KC40.9.014	$\varnothing 250$	

Metric Motor Flanges



Kits Cod. (133)	PAM	Q.ty
K063.4.041 ($\varnothing 140$)	63B5-90B14	
K063.4.042 ($\varnothing 160$)	71B5	
K063.4.043 ($\varnothing 200$)	80-90B5	
K063.4.047 ($\varnothing 105$)	71B14	
K063.4.046 ($\varnothing 120$)	80B14	

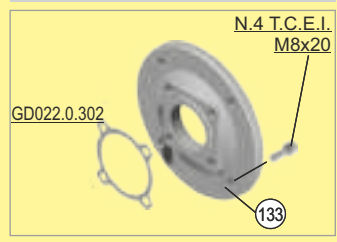
Motor Flanges IEC 100-112B5 / 100-112B14



Ratio	Kits Cod.
1/3.52	KC40.4.043/1
1/4.37	KC40.4.043/1
1/5.55	KC40.4.043/1
1/6.36	KC40.4.043/2
1/7.33	KC40.4.043/1
1/7.89	KC40.4.043/2
1/10.06	KC40.4.043/2
1/11.66	KC40.4.043/3
1/13.26	KC40.4.043/2

(133) C40.4.043 for 100/112B5
 (133) C40.4.041 for 100/112B14
 (21) C40.5.037
 (36) CSM6008/2RS
 (37) CSM6004
 (134) N.4 T.E. M8x35
 (135) SC 45x62x7C
 (170) N.4 T.E. M8x30
 (23) C40.0.108B → KC40.4.041/1
 (23) C40.0.107B → KC40.4.041/2
 (23) C40.0.109B → KC40.4.041/3

Nema Motor Flanges



Kits Cod. (133)	Nema	Q.ty
KU063.4.041	$\varnothing 6.5"$ (143/5TC)	

COAXIAL SHAFT $\phi 25\text{mm}$ (160 Nm)

403A Modular base

Standard Output Shaft

Torque 160Nm

Metric **25**

Inch **1"**

Middle Gear Set

LIU5x5x18(CMT)

CSS6201

A15
Only for C40.1.183

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)

$\phi 9$ (23)

$\phi 15$ (24)

Ratio	Mod. Base	(26)	(25)	Q.ty
38.40	C40A0325	46	13	
43.69	C40A0225	56	12	
50.64	C40A0225	56	12	
53.36	C40A0125	57	10	
61.22	C40A0225	56	12	
61.90	C40A0125	57	10	
70.95	C40A0225	56	12	
73.43	C40A0325	46	13	
74.77	C40A0125	57	10	
86.66	C40A0125	57	10	
96.85	C40A0225	56	12	
102.89	C40A0325	46	13	
126.40	C40A0225	56	12	
135.69	C40A0225	56	12	
165.70	C40A0125	57	10	
177.09	C40A0225	56	12	
216.30	C40A0125	57	10	

Kits Cod.	Q.ty	(27) Pinion	(28) Gear Wheel
KC403-17/56		C40.1.184	C40.0.134
KC403-17/56		C40.1.184	C40.0.134
KC403-17/56		C40.1.184	C40.0.134
KC403-17/56		C40.1.184	C40.0.134
KC403-17/56		C40.1.184	C40.0.134
KC403-13/60		C40.1.183	C40.0.133
KC403-17/56		C40.1.184	C40.0.134
KC403-17/56		C40.1.184	C40.0.134
KC403-17/56		C40.1.184	C40.0.134
KC403-13/60		C40.1.183	C40.0.133
KC403-17/56		C40.1.184	C40.0.134
KC403-17/56		C40.1.184	C40.0.134
Kc403-13/60		C40.1.183	C40.0.133
KC403-17/56		C40.1.184	C40.0.134
Kc403-13/60		C40.1.183	C40.0.133
KC403-17/56		C40.1.184	C40.0.134
Kc403-13/60		C40.1.183	C40.0.133
Kc403-13/60		C40.1.183	C40.0.133
Kc403-13/60		C40.1.183	C40.0.133
KC403-13/60		C40.1.183	C40.0.133
KC403-13/60		C40.1.183	C40.0.133

Kits Cod.	Q.ty	(23) Pinion	(24) Gear Wheel
KC402-17/56		C40.0.104B	C40.0.134B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B

Input motor shaft kit

Wheat VTGDM05x04
Only for C35.5.030

CSM6005/2Z

CSM6202

SC 25x40x7C*

Cod.	(21) $\phi 9$	$\phi 11$	$\phi 14$	$\phi 5/8"$ (56C)
KC35.5.030	KC35.5.031	KC35.5.032	KC35.5.035U	
	Q.ty	Q.ty	Q.ty	Q.ty

* For KC35.5.31, oil seal 020x040x07C
For KC35.5.30, oil seal 015x040x07C
For KC35.5.35U, oil seal 025x040x07C

Input motor shaft kit for coupling

CSM6202

SC 20x40x7C

CSM6005/2RS

Cod.	(21)	Q.ty
KC35.5.080		

Coupling

LIU6x6x25
only KC405093P

LIU8x7x25
only KC405094Z

Plastic

Zamak

Cod.	(275)	Q.ty
C35.5.090P	$\phi 9\text{mm}$	
C35.5.091P	$\phi 11\text{mm}$	
KC35.5.092P	$\phi 14\text{mm}$	
KC35.5.096UZ	$\phi 0.625"$	

Metric Motor Flanges

N.4 T.C.E.I. M6x16

GD050.0.301

N.4 M...x...

(133)

Kits Cod.	(133)	PAM	Q.ty
K050.4.041	($\phi 140$)	63B5	
K050.4.042	($\phi 160$)	71B5	
KC40.4.049	($\phi 80$)	56B14	
K050.4.047	($\phi 90$)	63B14	
K050.4.045	($\phi 105$)	71B14	

Input Male Shaft

050.0.251

CSM6005/2Z

LIU5x5x20
Only for C35.5.061

CSM6202

N4 T.E. M6x16

GD050.0.301

SC 25x40x7C

(118)

Kits Cod.	(118) $\phi 19$	Q.ty
KC35.5.061		

Input Cover

N8 T.C.E.I. M6x18

GDC40.0.300

N2 VTSCM06x20

(2)

Kits Cod.	(2)	Q.ty
KC40.9.051		

Output Flanges

N.5 T.E. M8x20

N.1 VTSE8x24

(130)

Kits Cod.	(130)	ϕ	Q.ty
KC40.9.010	$\phi 120$		
KC40.9.011	$\phi 140$		
KC40.9.012	$\phi 160$		
KC40.9.013	$\phi 200$		
KC40.9.014	$\phi 250$		

Nema Motor Flanges

N.4 T.C.E.I. M6x22

GD050.0.301

(133)

Kits Cod.	(133)	Nema	Q.ty
KU050.4.041	$\phi 6.5"$ (56C)		

COMPACT COAXIAL SHAFT $\phi 30\text{mm}$ (300 Nm)

452A Modular base

Standard Output Shaft

Torque 300Nm

Metric
30

Inch
1-1/4"

CS56202

$\phi \dots$

26

Slow Step Kit

CS56202

J35

25

SGAS20
only for
C451141

RCA $\phi 35 \times 7$

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU6x6x25(CMT)

$\phi 13.5$ 23

24

$\phi 20$

Ratio	Mod. Base	26	Q.ty
3.61	C45A0130	50	
4.23	C45A0230	52	
5.01	C45A0330	54	
6.07	C45A0430	56	
6.81	C45A0130	50	
7.96	C45A0230	52	
9.45	C45A0330	54	
11.43	C45A0430	56	
14.21	C45A0530	58	
16.62	C45A0330	54	
20.10	C45A0430	56	
24.98	C45A0530	58	
29.41	C45A0330	54	
35.58	C45A0430	56	
40.50	C45A0330	54	
44.22	C45A0530	58	
49.00	C45A0430	56	
60.90	C45A0530	58	

Cod. Pinion	25	Q.ty
KC45.1.149	18	
KC45.1.148	16	
KC45.1.146	14	
KC45.1.144	12	
KC45.1.149	18	
KC45.1.148	16	
KC45.1.146	14	
KC45.1.144	12	
KC45.1.141	10	
KC45.1.146	14	
KC45.1.144	12	
KC45.1.141	10	
KC45.1.146	14	
KC45.1.144	12	
KC45.1.141	10	
KC45.1.146	14	
KC45.1.144	12	
KC45.1.141	10	
KC45.1.146	14	
KC45.1.144	12	
KC45.1.141	10	
KC45.1.146	14	
KC45.1.144	12	
KC45.1.141	10	

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

→ For modular base Metric example: C45A0130 → ϕ shaft 30mm

Input motor shaft kit

CSM6009/2Z

CSM6205

21

ϕ

SC 45x62x7C

Cod. 21	$\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032		KC50.5.033	KC50.5.034	KC50.5.035U
	Q.ty	Q.ty	Q.ty	Q.ty
			$\phi 7/8"$ (143/5TC)	KC50.5.036U
				Q.ty
			$\phi 1-1/8"$ (182/4TC)	KC50.5.037U
				Q.ty

Output Flanges

130

Only for $\phi 160$ screw T.C.E.I. other N.5 T.E. M10x25

N.1 VTSE 10x30

Kits Cod. 130	ϕ	Q.ty
KC50.9.011	$\phi 160$	
KC50.9.012	$\phi 200$	
KC50.9.013	$\phi 250$	

Metric Motor Flanges

N.4 M...x...

ϕ

N.6 T.C.E.I. M6x20

GD23.00.302

133

Kits Cod. 133	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043 ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

Nema Motor Flanges

N.6 T.C.E.I. M6x20

GD23.00.302

133

Kits Cod. 133	Nema	Q.ty
KUC085.4.041	$\phi 6.5"$ (143/5TC)	
KUC085.4.042	$\phi 8.5"$ (182/4TC)	

Input Male Shaft

C50.0.250

CSM6205/2Z

LIU8x7x40
Only for C50.5.062

CSM6205

ϕ

N.6 T.E. M6x16

GD23.00.302

SC 25x35x7C

118

Kits Cod. 118	$\phi 24$	Q.ty
KC50.5.062		

Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8

37

135

134

168

36

21

170

133

$\phi 200$

133 C50.4.041 for 132B14	134 N.6 T.C.E.I. M8x25**
133 C50.4.043 for 132B5	135 SC 55x75x10C
21 C50.5.038	170 N.4 T.E. M10x35 for B14
36 CSM6011/2RS	N.4 T.E. M12x45 for B5
37 CSMNJ205	168 Seeger J90
Kits Cod.	
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	
	Q.ty

COAXIAL SHAFT $\phi 30\text{mm}$ (350 Nm)

502A Modular base

Standard Output Shaft

Torque 350Nm

Metric
30

Inch
1"1/4

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU6x6x25(CMT)

$\phi 13.5$ (23)

(24) Gear Wheel

$\phi 20$

Input motor shaft kit

Ratio	Mod. Base	(26)	(25)	Q.ty
3.61	C50A0530	50	18	
4.23	C50A0430	52	16	
5.01	C50A0330	54	14	
6.07	C50A0230	56	12	
6.81	C50A0530	50	18	
7.96	C50A0430	52	16	
9.45	C50A0330	54	14	
11.43	C50A0230	56	12	
14.21	C50A0130	58	10	
16.62	C50A0330	54	14	
20.10	C50A0230	56	12	
24.61	C50A0230	56	12	
24.98	C50A0130	58	10	
29.41	C50A0330	54	14	
35.58	C50A0230	56	12	
40.50	C50A0330	54	14	
44.23	C50A0130	58	10	
49.00	C50A0230	56	12	
60.90	C50A0130	58	10	

Kits Cod.	Q.ty	(23) Pinion	(24) Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-13/56		C50.0.102	C50.0.132
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

Cod. (21) $\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U
Q.ty	Q.ty	Q.ty	Q.ty

$\phi 1-1/8"$ (182/4TC) $\phi 7/8"$ (143/5TC)

KC50.5.037U	KC50.5.036U
Q.ty	Q.ty

Coupling

LIU8x7x28 only KC505094Z
LIU8x7x36 only KC505095Z

Cod. (275)	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

Input motor shaft kit for coupling

Cod. (21)	Q.ty
KC50.5.080	

For modular base Metric example: C50A0130 \rightarrow ϕ shaft 30mm
 For modular base Nema example: C50A01125U \rightarrow ϕ shaft 1.25" (31.75mm)

Input Male Shaft

Kits Cod. (118) $\phi 24$	Q.ty
KC50.5.062	

Input Cover

Kits Cod. (2)	Q.ty
KC50.9.050	

Output Flanges

Only for $\phi 160$ screw T.C.E.I. other N.5 T.E. M10x25

Kits Cod. (130) ϕ	Q.ty
KC50.9.011 $\phi 160$	
KC50.9.012 $\phi 200$	
KC50.9.013 $\phi 250$	

Metric Motor Flanges

Kits Cod. (133) PAM	Q.ty
K023.4.041 ($\phi 160$) 71B5	
K023.4.042 ($\phi 200$) 80-90B5	
K023.4.043* ($\phi 250$) 100/112B5	
K085.4.046 ($\phi 120$) 80B14	
K085.4.045 ($\phi 140$) 90B14	
K085.4.047 ($\phi 160$) 100B14	

*For K023.4.043, screws N.6 T.E. M6x25

Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8

(133) C50.4.041 for 132B14	(134) N.6 T.C.E.I. M8x25**
(133) C50.4.043 for 132B5	(135) SC 55x75x10C
(21) C50.5.038	(170) N.4 T.E. M10x35 for B14
(36) CSM6011/2RS	N.4 T.E. M12x45 for B5
(37) CSMNJ205	(168) Seeger J90

Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

Nema Motor Flanges

Kits Cod. (133) Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)	
KUC085.4.042 $\phi 8.5"$ (182/4TC)	

COAXIAL SHAFT ø30mm (350 Nm)

503A Modular base

Standard Output Shaft

Torque 350Nm

Metric
30

Inch
1" 1/4

Middle Gear Set

First gear set kit

The first step gears complete kit price is 23+24 complete with

Ratio	Mod. Base	26	25	Q.ty
39.79	C50A0430	52	16	
47.22	C50A0330	54	14	
54.73	C50A0330	54	14	
66.22	C50A0230	56	12	
76.69	C50A0330	54	14	
83.59	C50A0330	54	14	
92.78	C50A0230	56	12	
104.67	C50A0330	54	14	
117.22	C50A0230	56	12	
126.55	C50A0230	56	12	
136.62	C50A0330	54	14	
165.29	C50A0230	56	12	
180.40	C50A0330	54	14	
218.26	C50A0230	56	12	
241.82	C50A0330	54	14	
292.57	C50A0230	56	12	
319.32	C50A0330	54	14	
386.33	C50A0230	56	12	
480.16	C50A0130	58	10	

Kits Cod.	Q.ty	27 Pinion	28 Gear Wheel
KC503-13/56		C50.1.184	C50.0.132
KC503-13/56		C50.1.184	C50.0.132
KC503-13/56		C50.1.184	C50.0.132
KC503-13/56		C50.1.184	C50.0.132
KC503-13/56		C50.1.184	C50.0.132
KC503-13/56		C50.1.184	C50.0.132
KC503-8/61		C50.1.183	C50.0.131
KC503-13/56		C50.1.184	C50.0.132
KC503-13/56		C50.1.184	C50.0.132
KC503-8/61		C50.1.183	C50.0.131
KC503-13/56		C50.1.184	C50.0.132
KC503-13/56		C50.1.184	C50.0.132
KC503-13/56		C50.1.184	C50.0.132
KC503-13/56		C50.1.184	C50.0.132
KC503-8/61		C50.1.183	C50.0.131
KC503-8/61		C50.1.183	C50.0.131
KC503-8/61		C50.1.183	C50.0.131
KC503-8/61		C50.1.183	C50.0.131
KC503-8/61		C50.1.183	C50.0.131
KC503-8/61		C50.1.183	C50.0.131
KC503-8/61		C50.1.183	C50.0.131
KC503-8/61		C50.1.183	C50.0.131

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-19/54		C40.0.105B	C40.0.135B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B

Input motor shaft kit

Cod.	21 ø14	ø19	ø24	ø5/8" (56C)
KC40.5.032	KC40.5.033	KC40.5.034	KC40.5.035U	
	Q.ty	Q.ty	Q.ty	Q.ty
			ø7/8" (143/5C)	
			KC40.5.036U	
			Q.ty	

Input motor shaft kit for coupling

Cod.	21	Q.ty
KC40.5.080		

Coupling

Cod.	275	Q.ty
C40.5.091P	ø11mm	
C40.5.092P	ø14mm	
KC40.5.093P	ø19mm	
KC40.5.094Z	ø24mm	
KC40.5.096UZ	ø0.625"	
KC40.5.097UZ	ø0.875"	

Metric Motor Flanges

Kits Cod.	133	PAM	Q.ty
K063.4.041	(ø140)	63B5-90B14	
K063.4.042	(ø160)	71B5	
K063.4.043	(ø200)	80-90B5	
K063.4.047	(ø105)	71B14	
K063.4.046	(ø120)	80B14	

Input Male Shaft

Kits Cod.	118	ø19	Q.ty
KC405062			

Input Cover

Kits Cod.	2	Q.ty
KC50.9.051		

Output Flanges

Kits Cod.	130	ø	Q.ty
KC50.9.011		ø160	
KC50.9.012		ø200	
KC50.9.013		ø250	

Nema Motor Flanges

Kits Cod.	133	Nema	Q.ty
KU063.4.041		ø6.5" (143/5TC)	

COAXIAL SHAFT $\phi 35\text{mm}$ (520 Nm)

602A Modular base

Standard Output Shaft

Torque 520Nm

Metric
35

Inch
1" 1/4

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU6x6x25(CMT)

$\phi 13.5$ (23)

(24) Gear Wheel $\phi 20$

Input motor shaft kit

Ratio	Mod. Base	(26)	(25)	Q.ty
3.61	C60A0535	50	18	
4.23	C60A0435	52	16	
5.01	C60A0335	54	14	
6.07	C60A0235	56	12	
6.81	C60A0535	50	18	
7.96	C60A0435	52	16	
9.45	C60A0335	54	14	
11.43	C60A0235	56	12	
14.00	C60A0435	52	16	
16.62	C60A0335	54	14	
20.10	C60A0235	56	12	
24.61	C60A0235	56	12	
29.41	C60A0335	54	14	
35.58	C60A0235	56	12	
40.50	C60A0335	54	14	
44.23	C60A0135	58	10	
49.00	C60A0235	56	12	
60.90	C60A0135	58	10	

Kits Cod.	Q.ty	(23) Pinion	(24) Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

Cod. (21) $\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U
Q.ty	Q.ty	Q.ty	Q.ty

$\phi 1-1/8"$ (182/4TC) $\phi 7/8"$ (143/5TC)

KC50.5.037U	KC50.5.036U
Q.ty	Q.ty

Coupling

LIU8x7x28 only KC505094Z
LIU8x7x36 only KC505095Z

Cod. (275)	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

Input motor shaft kit for coupling

Cod. (21)	Q.ty
KC50.5.080	

→ For modular base **Metric** example: C60A01135 → ϕ shaft 35mm
 → For modular base **Nema** example: C60A01125U → ϕ shaft 1.25" (31.75mm)
 C60A01137U → ϕ shaft 1.375" (34.925mm)

Input Male Shaft

Kits Cod. (118) $\phi 24$	Q.ty
KC50.5.062	

Input Cover

Kits Cod. (2)	Q.ty
KC60.9.050	

Output Flanges

Only for $\phi 160$ screw T.C.E.I. other N.5 T.E. M10x25

Kits Cod. (130)	ϕ	Q.ty
KC50.9.011	$\phi 160$	
KC50.9.012	$\phi 200$	
KC50.9.013	$\phi 250$	

Metric Motor Flanges

Kits Cod. (133)	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8

(133) C50.4.041 for 132B14	(134) N.6 T.C.E.I. M8x25**
(133) C50.4.043 for 132B5	(135) SC 55x75x10C
(21) C50.5.038	(170) N.4 T.E. M10x35 for B14
(36) CSM6011/2RS	N.4 T.E. M12x45 for B5
(37) CSMNJ205	(168) Seeger J90

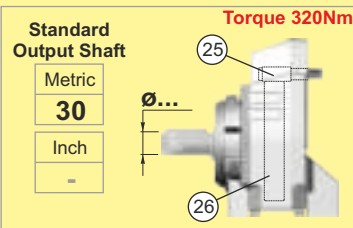
Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

Nema Motor Flanges

Kits Cod. (133)	Nema	Q.ty
KUC085.4.041	$\phi 6.5"$ (143/5TC)	
KUC085.4.042	$\phi 8.5"$ (182/4TC)	

CAST IRON COAXIAL SHAFT $\phi 30\text{mm}$ (320 Nm)

502C Modular base



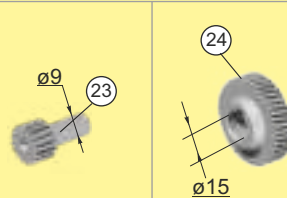
Ratio	Mod. Base	26	25	Q.ty
8.38	C50C0330	112	21	
10.04	C50C0230	115	18	
12.33	C50C0130	102	13	
15.16	C50C0330	112	21	
17.57	C50C0330	112	21	
18.16	C50C0230	115	18	
21.05	C50C0230	115	18	
22.30	C50C0130	102	13	
24.70	C50C0230	115	18	
25.85	C50C0130	102	13	
29.49	C50C0230	115	18	
30.34	C50C0130	102	13	
33.60	C50C0330	112	21	
36.21	C50C0130	102	13	
40.25	C50C0230	115	18	
49.43	C50C0130	102	13	
52.53	C50C0230	115	18	
64.51	C50C0130	102	13	
69.37	C50C0230	115	18	
85.19	C50C0130	102	13	

For modular base Metric example: C50C0130 → ϕ shaft 30mm

First gear set kit

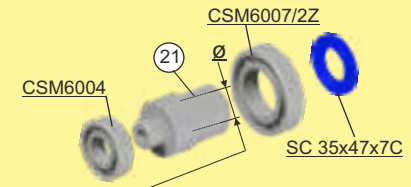
The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)



Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-28/44		C40.0.129B	C40.0.139B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B

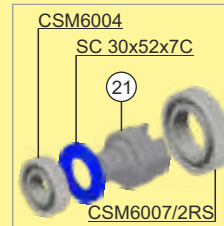
Input motor shaft kit



Cod. 21	$\phi 19$	$\phi 24$	$\phi 5/8"$ (56C)
KC40.5.032	KC40.5.033	KC40.5.034	KC40.5.035U
Q.ty	Q.ty	Q.ty	Q.ty

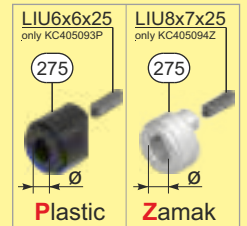
$\phi 7/8"$ (143/5TC)
KC40.5.036U
Q.ty

Input motor shaft kit for coupling



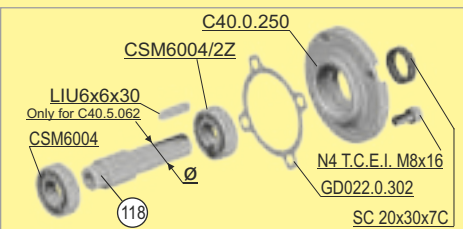
Cod. 21	Q.ty
KC40.5.080	

Coupling



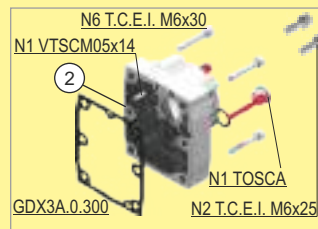
Cod. 275	Q.ty
C40.5.091P	$\phi 11\text{mm}$
C40.5.092P	$\phi 14\text{mm}$
KC40.5.093P	$\phi 19\text{mm}$
KC40.5.094Z	$\phi 24\text{mm}$
KC40.5.096UZ	$\phi 0.625"$
KC40.5.097UZ	$\phi 0.875"$

Input Male Shaft



Kits Cod. 118	$\phi 19$	Q.ty
KC40.5.062		

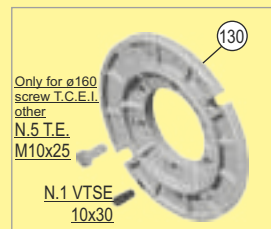
Input Cover



Kits Cod. 2	Q.ty
KX3A.9.050	

Same as bevel kit except for screws. Only for 502C change red screws T.C.E.I. M6x30 with T.C.E.I. M6x25

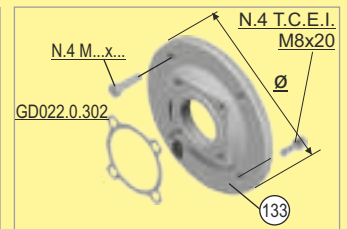
Output Flanges



Kits Cod. 130	ϕ	Q.ty
KC50.9.011	$\phi 160$	
KC50.9.012	$\phi 200$	
KC50.9.013	$\phi 250$	

Elastic pin 10x30 is provided but not needed for installation.

Metric Motor Flanges



Kits Cod. 133	PAM	Q.ty
K063.4.041 ($\phi 140$)	63B5-90B14	
K063.4.042 ($\phi 160$)	71B5	
K063.4.043 ($\phi 200$)	80-90B5	
K063.4.047 ($\phi 105$)	71B14	
K063.4.046 ($\phi 120$)	80B14	

Motor Flanges IEC 100-112B5

Ratio	Kits Cod.
1/8.38	KC40.4.043/1
1/10.04	KC40.4.043/1
1/12.33	KC40.4.043/1
1/15.16	KC40.4.043/2
1/17.57	KC40.4.043/3
1/18.16	KC40.4.043/2
1/21.05	KC40.4.043/3
1/22.30	KC40.4.043/2

These Kits are supplied with specific pinion required by the ratio, as 23 have a different (bigger) ϕ than normal types.

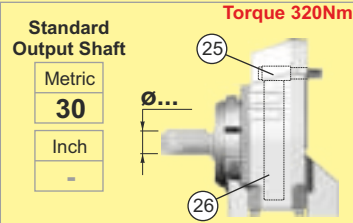
Nema Motor Flanges



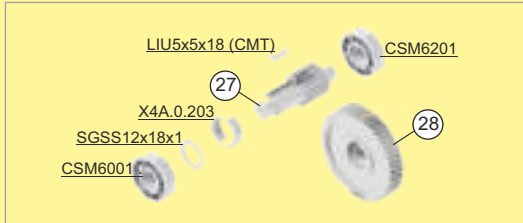
Kits Cod. 133	Nema	Q.ty
KU063.4.041	$\phi 6.5"$ (143/5TC)	

CAST IRON COAXIAL SHAFT $\phi 30\text{mm}$ (320 Nm)

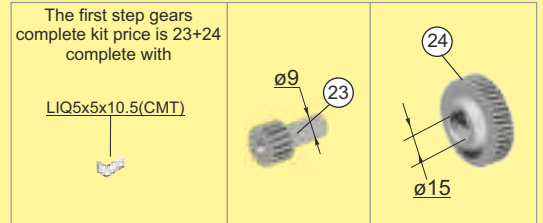
503C Modular base



Middle Gear Set



First gear set kit

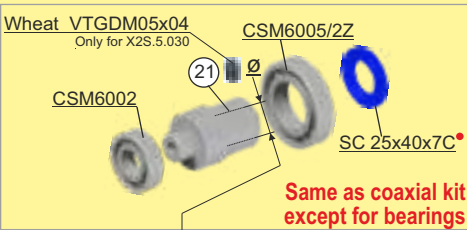


Ratio	Mod. Base	(26)	(25)	Q.ty
74.33	C50C0130	102	13	
82.56	C50C0230	115	18	
87.48	C50C0130	102	13	
101.40	C50C0130	102	13	
122.57	C50C0130	102	13	
138.59	C50C0230	115	18	
160.82	C50C0130	102	13	
170.20	C50C0130	102	13	
183.48	C50C0230	115	18	
214.15	C50C0130	102	13	
225.33	C50C0130	102	13	
244.32	C50C0230	115	18	
254.15	C50C0130	102	13	
289.96	C50C0230	115	18	
300.05	C50C0130	102	13	
356.09	C50C0130	102	13	

Kits Cod.	Q.ty	(27) Pinion	(28) Gear Wheel
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-17/56		C40.1.184	C40.0.134
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-17/56		C40.1.184	C40.0.134
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-17/56		C40.1.184	C40.0.134
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-17/56		C40.1.184	C40.0.134
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133

Kits Cod.	Q.ty	(23) Pinion	(24) Gear Wheel
KX22S-19/39		C40.0.105B	X2A.0.135
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-13/44		C40.0.103B	X2A.0.133
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-13/44		C40.0.103B	X2A.0.133
KX22S-10/47		C40.0.102B	X2A.0.132
KX22S-9/56		C40.0.101B	X2A.0.131
KX22S-10/47		C40.0.102B	X2A.0.132
KX22S-9/56		C40.0.101B	X2A.0.131
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-9/56		C40.0.101B	X2A.0.141
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-6/59		X2A.0.110	X2A.0.140
KX22S-6/59		X2A.0.110	X2A.0.140
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-6/59		X2A.0.110	X2A.0.140

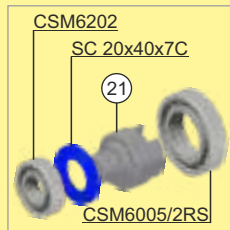
Input motor shaft kit



Cod.	(21) $\phi 9$	$\phi 11$	$\phi 14$	$\phi 5/8"$ (56C)
KX2S.5.030	KX2S.5.031	KX2S.5.032	KX2S.5.035U	
	Q.ty	Q.ty	Q.ty	Q.ty

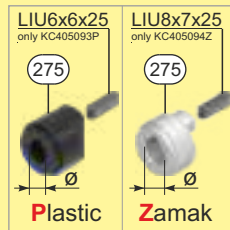
* For KX2S.5.31, oil seal 020x040x07C
For KX2S.5.30, oil seal 015x040x07C
For KX2S.5.35U, oil seal 025x040x07C

Input motor shaft kit for coupling



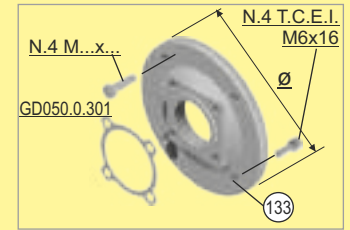
Cod.	(21) Q.ty
KC35.5.080	

Coupling



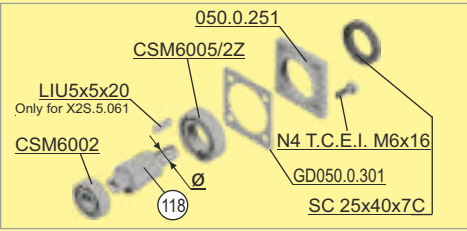
Cod.	(275) Q.ty
C35.5.090P $\phi 9\text{mm}$	
C35.5.091P $\phi 11\text{mm}$	
KC35.5.092P $\phi 14\text{mm}$	
KC35.5.096UZ $\phi 0.625"$	

Metric Motor Flanges



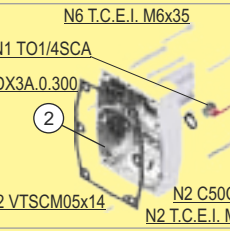
Kits Cod.	(133) PAM	Q.ty
K050.4.041 ($\phi 140$)	63B5	
K050.4.042 ($\phi 160$)	71B5	
KC40.4.049 ($\phi 80$)	56B14	
K050.4.047 ($\phi 90$)	63B14	
K050.4.045 ($\phi 105$)	71B14	

Input Male Shaft



Kits Cod.	(118) $\phi 14$	Q.ty
KX2S.5.061		

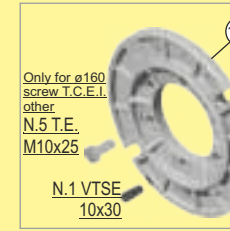
Input Cover



Kits Cod.	(2) Q.ty
KX3A.9.051	

Same as bevel kit except for screws. Only for 503C change red screws T.C.E.I. M6x40 with T.C.E.I. M6x35 and spacer C50C.0.001

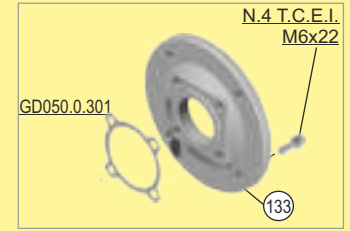
Output Flanges



Kits Cod.	(130) ϕ	Q.ty
KC50.9.011	$\phi 160$	
KC50.9.012	$\phi 200$	
KC50.9.013	$\phi 250$	

Elastic pin 10x30 is provided but not needed for installation.

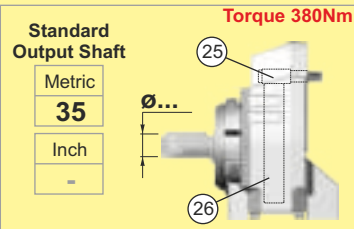
Nema Motor Flanges



Kits Cod.	(133) Nema	Q.ty
KU050.4.041	$\phi 6.5"$ (56C)	

ONE STEP CAST IRON SHAFT $\varnothing 35\text{mm}$ (380 Nm)

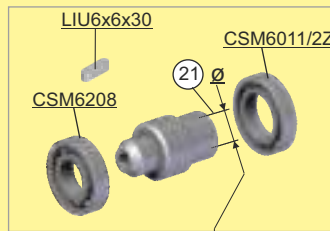
701C Modular base



Ratio	Mod. Base	(26)	(25)	Q.ty
2.76	C70C0535	80	29	
3.54	C70C0435	85	24	
5.06	C70C0335*	91	18	
5.81	C70C0235*	93	16	
6.79	C70C0135*	95	14	

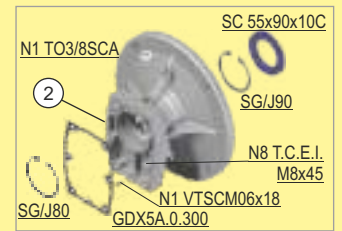
*Same modular base of the coaxial → For modular base **Metric** example: C70C01**35** → \varnothing shaft 35mm

Input motor shaft kit



Kits Cod.	(21) $\varnothing 38$	Q.ty
KC70.5.039		

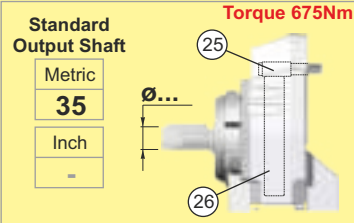
Input Cover



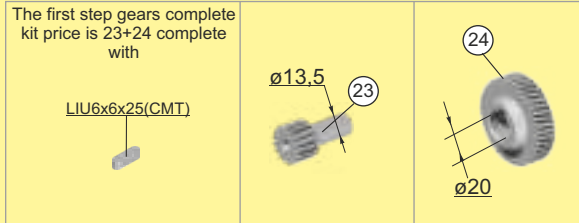
Kits Cod.	(2)	Q.ty
KC70.9.052	for PAM 132	

CAST IRON COAXIAL SHAFT $\phi 35\text{mm}$ (675 Nm)

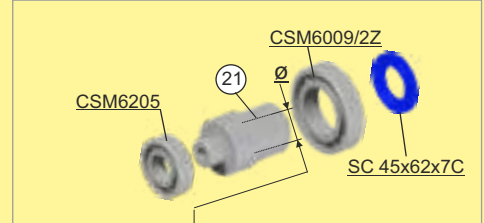
702C Modular base



First gear set kit



Input motor shaft kit

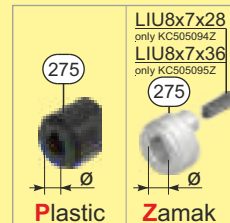


Ratio	Mod. Base	(26)	(25)	Q.ty
6.57	C70C0335	91	18	
7.56	C70C0235	93	16	
8.82	C70C0135	95	14	
12.39	C70C0335	91	18	
14.24	C70C0235	93	16	
16.75	C70C0335	91	18	
19.25	C70C0235	93	16	
21.78	C70C0335	91	18	
25.04	C70C0235	93	16	
29.23	C70C0135	95	14	
30.65	C70C0235	93	16	
35.78	C70C0135	95	14	
38.55	C70C0335	91	18	
44.32	C70C0235	93	16	
51.74	C70C0135	95	14	
61.03	C70C0235	93	16	
71.25	C70C0135	95	14	

Kits Cod.	Q.ty	(23) Pinion	(24) Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-16/53		C50.0.106	C50.0.136
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

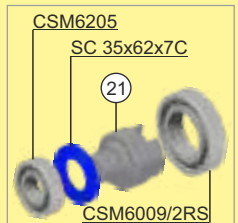
Cod. (21) $\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U
Q.ty	Q.ty	Q.ty	Q.ty
		$\phi 1-1/8"$ (182/4TC)	$\phi 7/8"$ (143/5TC)
		KC50.5.037U	KC50.5.036U
		Q.ty	Q.ty

Coupling



Cod. (275)	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

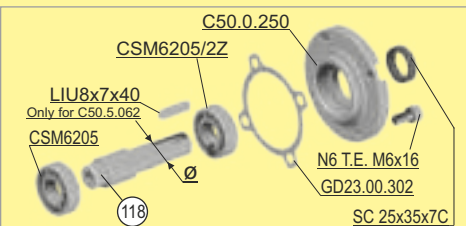
Input motor shaft kit for coupling



Cod. (21)	Q.ty
KC50.5.080	

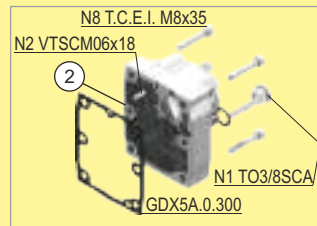
For modular base Metric example: C70C0135 - ϕ shaft 35mm

Input Male Shaft



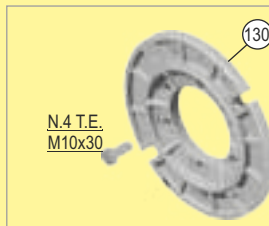
Kits Cod. (118) $\phi 24$	Q.ty
KC50.5.062	

Input Cover



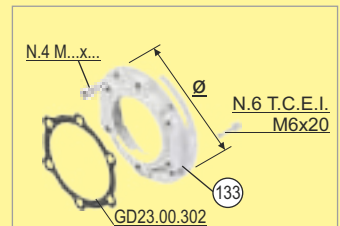
Kits Cod. (2)	Q.ty
KX5A.9.050	

Output Flanges



Kits Cod. (130)	ϕ	Q.ty
KC70.9.012	$\phi 200$	
KC70.9.013	$\phi 250$	

Metric Motor Flanges

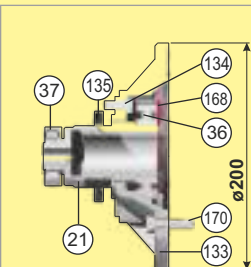


Kits Cod. (133)	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

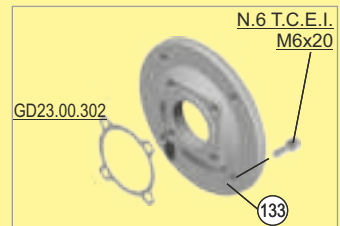
Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8



(133) C50.4.041 for 132B14	(134) N.6 T.C.E.I. M8x25**
(133) C50.4.043 for 132B5	(135) SC 55x75x10C
(21) C50.5.038	(170) N.4 T.E. M10x35 for B14
(36) CSM6011/2RS	N.4 T.E. M12x45 for B5
(37) CSMNJ205	(168) Seeger J90
Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

Nema Motor Flanges



Kits Cod. (133)	Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)		
KUC085.4.042 $\phi 8.5"$ (182/4TC)		

CAST IRON COAXIAL SHAFT $\phi 35\text{mm}$ (675 Nm)

703C Modular base

Standard Output Shaft

Torque 675Nm

Metric
35

Inch
-

Middle Gear Set

LIU6x6x25 (CMT)
A15
Only for C50.1.183
SGPS15x21x1
CSM6201
CSM6301

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)

Ratio	Mod. Base	26	25	Q.ty
61.89	C70C0335	91	18	
71.16	C70C0235	93	16	
82.48	C70C0235	93	16	
96.29	C70C0135	95	14	
100.51	C70C0335	91	18	
115.56	C70C0235	93	16	
125.96	C70C0235	93	16	
134.91	C70C0135	95	14	
147.05	C70C0135	95	14	
170.44	C70C0135	95	14	
184.15	C70C0135	95	14	
205.87	C70C0235	93	16	
240.34	C70C0135	95	14	
279.22	C70C0235	93	16	
325.97	C70C0135	95	14	
364.41	C70C0235	93	16	
425.43	C70C0135	95	14	
481.19	C70C0235	93	16	
561.76	C70C0135	95	14	

Kits Cod.	Q.ty	27 Pinion	28 Gear Wheel
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-19/54		C40.0.105B	C40.0.135B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B

MAP OF COMPONENTS

Input motor shaft kit

Cod.	21 $\phi 14$	$\phi 19$	$\phi 24$	$\phi 5/8"$ (56C)
KC40.5.032	KC40.5.033	KC40.5.034	KC40.5.035U	
	Q.ty	Q.ty	Q.ty	Q.ty
			$\phi 7/8"$ (143/5C)	
			KC40.5.036U	
			Q.ty	

Input motor shaft kit for coupling

Cod.	21	Q.ty
KC40.5.080		

Coupling

LIU6x6x25 only KC405093P
LIU8x7x25 only KC405094Z

275 275

Plastic Zamak

Cod.	275	Q.ty
C40.5.091P	$\phi 11\text{mm}$	
C40.5.092P	$\phi 14\text{mm}$	
KC40.5.093P	$\phi 19\text{mm}$	
KC40.5.094Z	$\phi 24\text{mm}$	
KC40.5.096UZ	$\phi 0.625"$	
KC40.5.097UZ	$\phi 0.875"$	

Metric Motor Flanges

Kits Cod.	133	PAM	Q.ty
K063.4.041	($\phi 140$)	63B5-90B14	
K063.4.042	($\phi 160$)	71B5	
K063.4.043	($\phi 200$)	80-90B5	
K063.4.047	($\phi 105$)	71B14	
K063.4.046	($\phi 120$)	80B14	

Input Male Shaft

Kits Cod.	118	$\phi 19$	Q.ty
KC405062			

Input Cover

Kits Cod.	2	Q.ty
KX5A.9.051		

Output Flanges

Kits Cod.	130	ϕ	Q.ty
KC70.9.012		$\phi 200$	
KC70.9.013		$\phi 250$	

Nema Motor Flanges

Kits Cod.	133	Nema	Q.ty
KU063.4.041		$\phi 6.5"$ (143/5TC)	

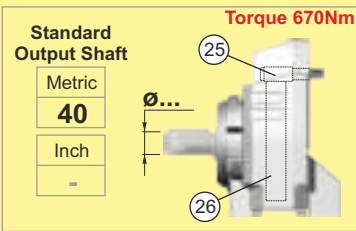
Specific Kits of COAXIAL

Kits in common with coaxials or worm

NEMA Kits

ONE STEP CAST IRON COAXIAL SHAFT ϕ 40mm (670 Nm)

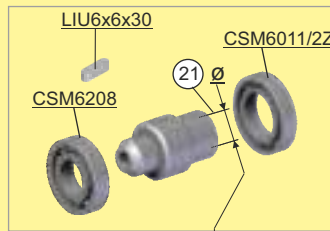
801C Modular base



Ratio	Mod. Base	(26)	(25)	Q.ty
6.17	C80C0340*	111	18	
7.06	C80C0240*	113	16	
8.21	C80C0140*	115	14	

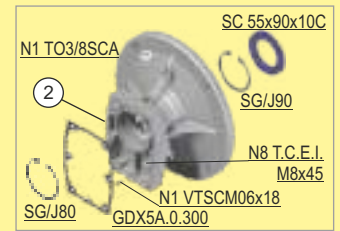
*Same modular base of the coaxial → For modular base **Metric** example: C80C0140 → ϕ shaft 40mm

Input motor shaft kit



Kits Cod.	(21) ϕ 38	Q.ty
KC70.5.039		

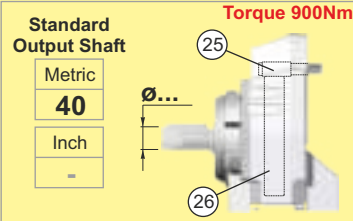
Input Cover



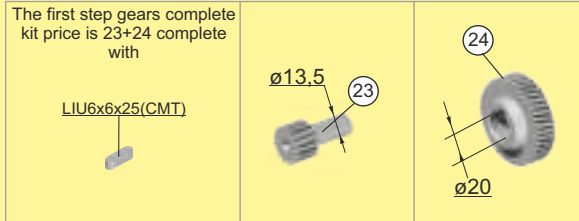
Kits Cod.	(2)	Q.ty
KC70.9.052	for PAM 132	

CAST IRON COAXIAL SHAFT $\phi 40\text{mm}$ (900 Nm)

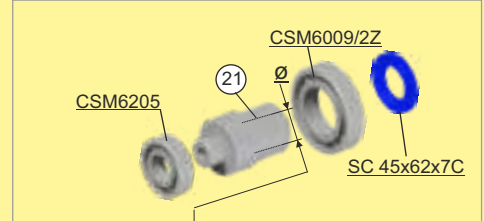
802C Modular base



First gear set kit



Input motor shaft kit



Ratio	Mod. Base	(26)	(25)	Q.ty
8.02	C80C0340	111	18	
9.18	C80C0240	113	16	
10.68	C80C0140	115	14	
15.11	C80C0340	111	18	
17.30	C80C0240	113	16	
20.13	C80C0140	115	14	
23.39	C80C0240	113	16	
27.21	C80C0140	115	14	
30.42	C80C0240	113	16	
35.38	C80C0140	115	14	
37.24	C80C0240	113	16	
43.31	C80C0140	115	14	
47.02	C80C0340	111	18	
53.85	C80C0240	113	16	
62.63	C80C0140	115	14	
74.16	C80C0240	113	16	
86.25	C80C0140	115	14	

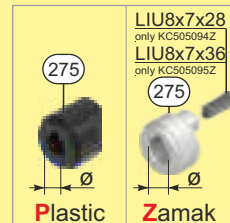
Kits Cod.	Q.ty	(23) Pinion	(24) Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-16/53		C50.0.106	C50.0.136
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

Cod. (21) $\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U
Q.ty	Q.ty	Q.ty	Q.ty

$\phi 1-1/8"$ (182/4TC) $\phi 7/8"$ (143/5TC)

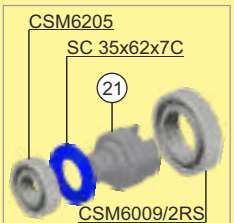
KC50.5.037U	KC50.5.036U
Q.ty	Q.ty

Coupling



Cod. (275)	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

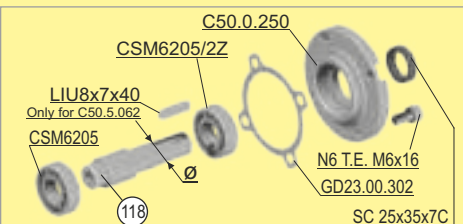
Input motor shaft kit for coupling



Cod. (21)	Q.ty
KC50.5.080	

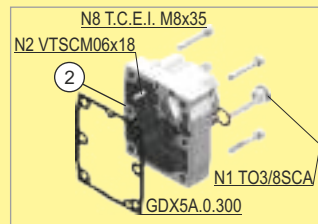
For modular base Metric example: C80C0140 - ϕ shaft 40mm

Input Male Shaft



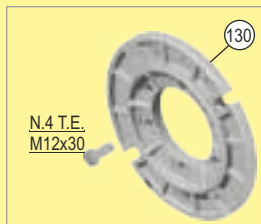
Kits Cod. (118) $\phi 24$	Q.ty
KC50.5.062	

Input Cover



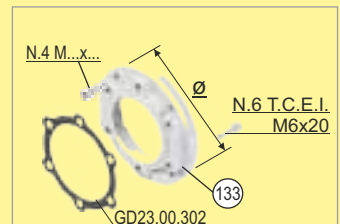
Kits Cod. (2)	Q.ty
KX5A.9.050	

Output Flanges



Kits Cod. (130)	ϕ	Q.ty
KC80.9.013	$\phi 250$	
KC80.9.014	$\phi 300$	

Metric Motor Flanges

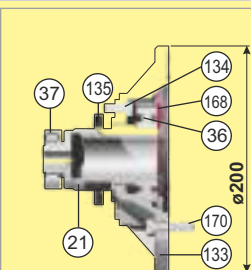


Kits Cod. (133)	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8



(133) C50.4.041 for 132B14	(134) N.6 T.C.E.I. M8x25**
(133) C50.4.043 for 132B5	(135) SC 55x75x10C
(21) C50.5.038	(170) N.4 T.E. M10x35 for B14
(36) CSM6011/2RS	N.4 T.E. M12x45 for B5
(37) CSMNJ205	(168) Seeger J90

Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

Nema Motor Flanges



Kits Cod. (133)	Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)		
KUC085.4.042 $\phi 8.5"$ (182/4TC)		

CAST IRON COAXIAL SHAFT ø40mm (900 Nm)

803C Modular base

Standard Output Shaft

Torque 900Nm

Metric
40

Inch
-

Middle Gear Set

LIU6x6x25 (CMT)
A15
Only for C50.1.183

SGPS15x21x1
CSM6201

CSM6301

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)

Ratio	Mod. Base	26	25	Q.ty
75.50	C80C0340	111	18	
86.47	C80C0240	113	16	
100.22	C80C0240	113	16	
116.56	C80C0140	115	14	
136.82	C80C0140	115	14	
153.05	C80C0240	113	16	
163.31	C80C0140	115	14	
178.01	C80C0140	115	14	
191.67	C80C0240	113	16	
206.32	C80C0140	115	14	
222.92	C80C0140	115	14	
242.18	C80C0140	115	14	
250.15	C80C0240	113	16	
289.08	C80C0140	115	14	
330.31	C80C0240	113	16	
394.59	C80C0140	115	14	
514.99	C80C0140	115	14	
680.03	C80C0140	115	14	

Kits Cod.	Q.ty	27 Pinion	28 Gear Wheel
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-19/54		C40.0.105B	C40.0.135B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B

Input motor shaft kit

Cod.	21 ø14	ø19	ø24	ø5/8" (56C)
KC40.5.032	KC40.5.033	KC40.5.034	KC40.5.035U	
	Q.ty	Q.ty	Q.ty	Q.ty
			ø7/8" (143/5C)	
			KC40.5.036U	
			Q.ty	

Input motor shaft kit for coupling

Cod.	21	Q.ty
KC40.5.080		

Coupling

Cod.	275	Q.ty
C40.5.091P	ø11mm	
C40.5.092P	ø14mm	
KC40.5.093P	ø19mm	
KC40.5.094Z	ø24mm	
KC40.5.096UZ	ø0.625"	
KC40.5.097UZ	ø0.875"	

Metric Motor Flanges

Kits Cod.	133	PAM	Q.ty
K063.4.041	(ø140)	63B5-90B14	
K063.4.042	(ø160)	71B5	
K063.4.043	(ø200)	80-90B5	
K063.4.047	(ø105)	71B14	
K063.4.046	(ø120)	80B14	

Input Male Shaft

Kits Cod.	118	ø19	Q.ty
KC405062			

Input Cover

Kits Cod.	2	Q.ty
KX5A.9.051		

Output Flanges

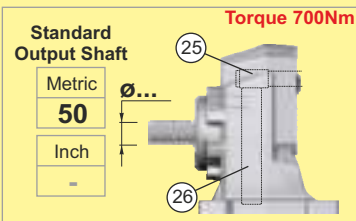
Kits Cod.	130	ø	Q.ty
KC80.9.013		ø250	
KC80.9.014		ø300	

Nema Motor Flanges

Kits Cod.	133	Nema	Q.ty
KU063.4.041		ø6.5" (143/5TC)	

ONE STEP CAST IRON COAXIAL SHAFT ϕ 50mm (700 Nm)

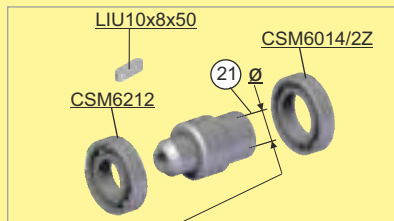
851C Modular base



Ratio	Mod. Base	26	25	Q.ty
3.40	C85C0350*	51	15	
4.08	C85C0250*	53	13	
4.91	C85C0150*	54	11	

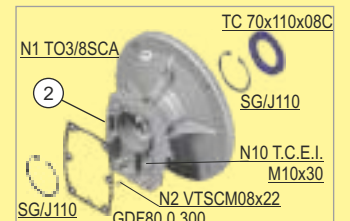
*Same modular base → For modular base **Metric** example: C85C0150 → ϕ shaft 50mm of the coaxial

Input motor shaft kit



Kits Cod.	21 ϕ 48	ϕ 42
	KC90.5.039	KC90.5.038
	Q.ty	Q.ty

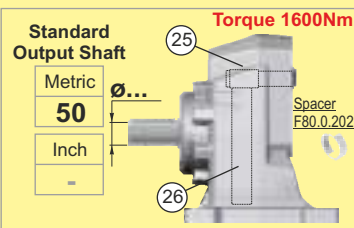
Input Cover



Kits Cod.	2	Q.ty
	KC90.9.052 for PAM 160/180	

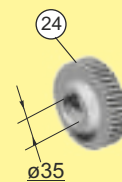
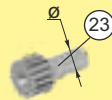
CAST IRON COAXIAL SHAFT $\phi 50\text{mm}$ (1600 Nm)

852C Modular base

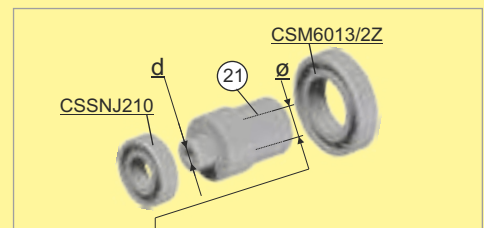


The first step gears complete kit price is 23+24 complete with

LIQ10x8x28(CMT)



Input motor shaft kit



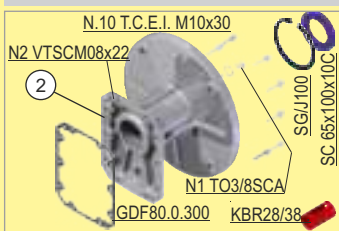
Ratio	Mod. Base	(26)	(25)	Q.ty
4.42	C85C0350	51	15	
5.30	C85C0250	53	13	
6.38	C85C0150	54	11	
8.33	C85C0350	51	15	
9.99	C85C0250	53	13	
11.26	C85C0350	51	15	
12.03	C85C0150	54	11	
13.50	C85C0250	53	13	
14.65	C85C0350	51	15	
16.26	C85C0150	54	11	
17.56	C85C0250	53	13	
21.50	C85C0250	53	13	
25.88	C85C0150	54	11	
31.09	C85C0250	53	13	
37.43	C85C0150	54	11	

Kits Cod.	Q.ty	(23) Pinion	ϕ	(24) Gear Wheel
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-13/56		C90.0.103	$\phi 25$	C90.0.133
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-13/56		C90.0.103	$\phi 25$	C90.0.133
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-8/61		C90.0.101	$\phi 25$	C90.0.131
KC902-8/61		C90.0.101	$\phi 25$	C90.0.131

Cod.(21)	d=25 - $\phi 38$	d=25 - $\phi 42$	d=25 - $\phi 48$
KC90.5.034		KC90.5.035	KC90.5.036
	Q.ty	Q.ty	Q.ty

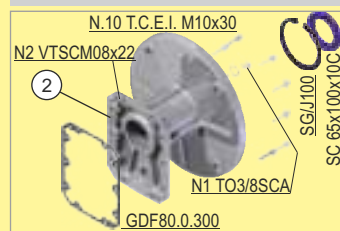
For modular base Metric example: C85C0150 - ϕ shaft 50mm

Input Cover



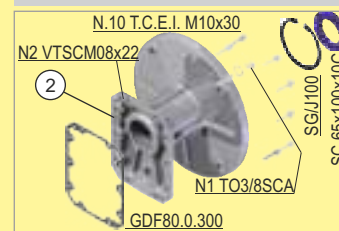
Kits Cod. (2)	Q.ty
KF80.9.052 for PAM 100/112	

Input Cover



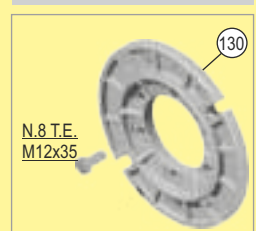
Kits Cod. (2)	Q.ty
KF80.9.053 for PAM 132	

Input Cover



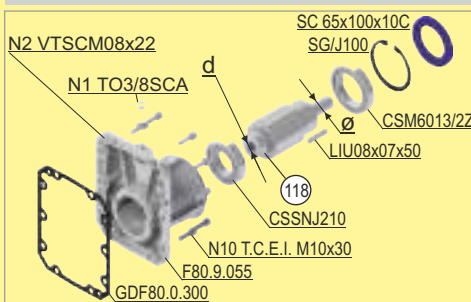
Kits Cod. (2)	Q.ty
KF80.9.054 for PAM 160/180	

Output Flanges



Kits Cod. (130)	ϕ	Q.ty
KC90.9.014	$\phi 300$	
KC90.9.015	$\phi 350$	

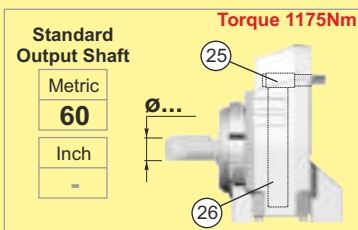
Input Male Shaft



Kit Cod. (118)	d=25 - $\phi 28$	Q.ty
KC85.5.063		

CAST IRON COAXIAL SHAFT ϕ 60mm (1175 Nm)

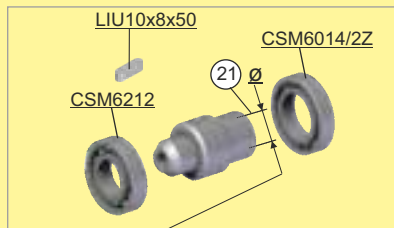
901C Modular base



Ratio	Mod. Base	(26)	(25)	Q.ty
2.65	C90C0560	61	23	
3.42	C90C0460	65	19	
4.60	C90C0360*	69	15	
5.46	C90C0260*	71	13	
6.64	C90C0160*	73	11	

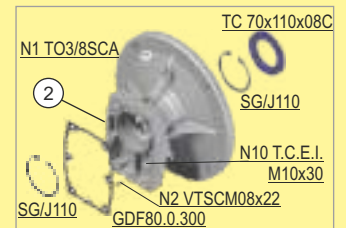
*Same modular base of the coaxial → For modular base **Metric** example: C90C0160 → ϕ shaft 60mm

Input motor shaft kit



Kits Cod. (21)	ϕ 48	ϕ 42
KC90.5.039		KC90.5.038
	Q.ty	Q.ty

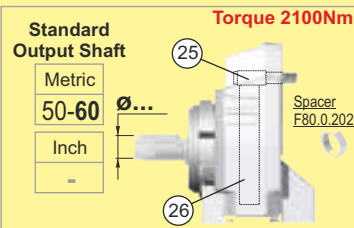
Input Cover



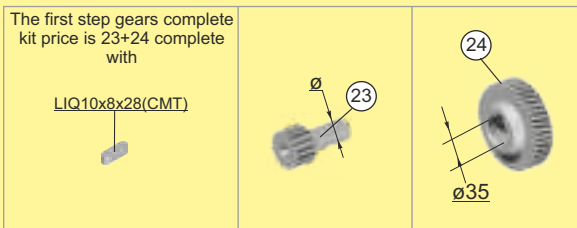
Kits Cod. (2)	Q.ty
KC90.9.052 for PAM 160/180	

CAST IRON COAXIAL SHAFT $\phi 60\text{mm}$ (2100 Nm)

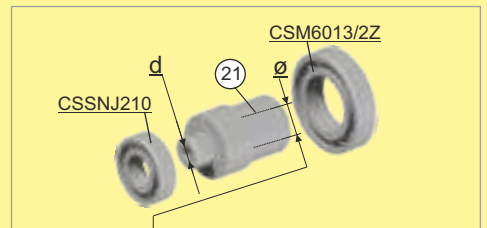
902C Modular base



First gear set kit



Input motor shaft kit



Ratio	Mod. Base	26	25	Q.ty
5.98	C90C0360	69	15	
7.10	C90C0260	71	13	
8.63	C90C0160	73	11	
11.27	C90C0360	69	15	
13.38	C90C0260	71	13	
15.24	C90C0360	69	15	
16.26	C90C0160	73	11	
18.09	C90C0260	71	13	
19.82	C90C0360	69	15	
21.98	C90C0160	73	11	
23.53	C90C0260	71	13	
24.25	C90C0360	69	15	
28.80	C90C0260	71	13	
34.99	C90C0160	73	11	
41.64	C90C0260	71	13	
50.60	C90C0160	73	11	

Kits Cod.	Q.ty	23 Pinion	ϕ	24 Gear Wheel
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-13/56		C90.0.103	$\phi 25$	C90.0.133
KC902-13/56		C90.0.103	$\phi 25$	C90.0.133
KC902-13/56		C90.0.103	$\phi 25$	C90.0.133
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-8/61		C90.0.101	$\phi 25$	C90.0.131
KC902-8/61		C90.0.101	$\phi 25$	C90.0.131

Cod. 21	d=25 - $\phi 38$	d=25 - $\phi 42$	d=25 - $\phi 48$
KC90.5.034	KC90.5.035	KC90.5.036	
Q.ty	Q.ty	Q.ty	Q.ty

For modular base Metric example: C90C0160 - ϕ shaft 60mm

MAP OF COMPONENTS

Input Cover

Kits Cod. 2	Q.ty
KF80.9.052 for PAM 100/112	

Input Cover

Kits Cod. 2	Q.ty
KF80.9.053 for PAM 132	

Input Cover

Kits Cod. 2	Q.ty
KF80.9.054 for PAM 160/180	

Output Flanges

Kits Cod. 130	ϕ	Q.ty
KC90.9.014	$\phi 300$	
KC90.9.015	$\phi 350$	
KC90.9.016	$\phi 450$	

Input Male Shaft

Kit Cod. 118	d=25 - $\phi 28$	Q.ty
KC85.5.063		

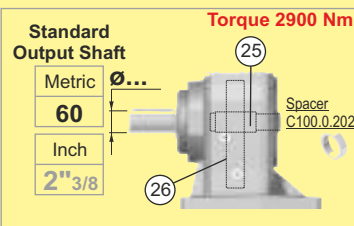
Specific Kits of COAXIAL

Kits in common with coaxials or worm

NEMA Kits
pag. 26

CAST IRON COAXIAL SHAFT $\phi 60\text{mm}$ (2900 Nm)

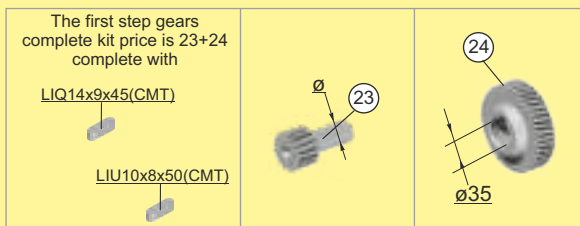
1002 Modular base



Ratio	Mod. Base	(26)	(25)	Q.ty
4.75	C1000360	59	14	
5.21	C1000260	60	13	
6.36	C1000160	62	11	
7.45	C1000360	59	14	
8.15	C1000260	60	13	
9.96	C1000160	62	11	
11.69	C1000360	59	14	
12.80	C1000260	60	13	
15.63	C1000160	62	11	
17.65	C1000360	59	14	
19.33	C1000260	60	13	
20.77	C1000360	59	14	
22.75	C1000260	60	13	
23.60	C1000160	62	11	
27.78	C1000160	62	11	
30.76	C1000360	59	14	
33.69	C1000260	60	13	
41.15	C1000160	62	11	

For modular base Metric example: C1000160 → ϕ hub 60mm

First gear set kit



Kit Code	Q.ty (23)	Pinion ϕ	(24) Wheel
K1102-39/44		C110.0.106 $\phi 35$	C110.0.136
K1102-39/44		C110.0.106 $\phi 35$	C110.0.136
K1102-39/44		C110.0.106 $\phi 35$	C110.0.136
K1102-30/53		C110.0.105 $\phi 35$	C110.0.135
K1102-30/53		C110.0.105 $\phi 35$	C110.0.135
K1102-30/53		C110.0.105 $\phi 35$	C110.0.135
K1102-22/61		C110.0.104 $\phi 35$	C110.0.134
K1102-22/61		C110.0.104 $\phi 35$	C110.0.134
K1102-22/61		C110.0.104 $\phi 35$	C110.0.134
K1102-16/67		C110.0.103 $\phi 35$	C110.0.133
K1102-16/67		C110.0.103 $\phi 35$	C110.0.133
K1102-14/69		C110.0.102 $\phi 35$	C110.0.132
K1102-14/69		C110.0.102 $\phi 35$	C110.0.132
K1102-16/67		C110.0.103 $\phi 35$	C110.0.133
K1102-14/69		C110.0.102 $\phi 35$	C110.0.132
K1102-10/73		C110.0.101 $\phi 35$	C110.0.131
K1102-10/73		C110.0.101 $\phi 35$	C110.0.131
K1102-10/73		C110.0.101 $\phi 35$	C110.0.131

MAP OF COMPONENTS

Input Cover



Kits Cod. (2)	Q.ty
KC110.9.052 for PAM 132	

Input Cover



Kits Cod. (2)	Q.ty
KC110.9.053 for PAM 160	

Input Cover



Kits Cod. (2)	Q.ty
KC110.9.053_B for PAM 180	

Input Cover



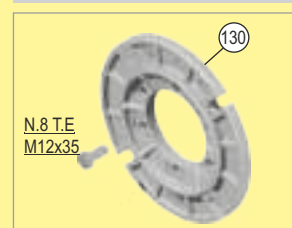
Kits Cod. (2)	Q.ty
KC110.9.054 for PAM 200	

Input Male Shaft



Kits Cod. (2) $\phi 42$	Q.ty
KC110.9.062	

Output Flanges



Kits Cod. (130)	ϕ	Q.ty
KC90.9.014	$\phi 300$	
KC90.9.015	$\phi 350$	
KC90.9.016	$\phi 450$	

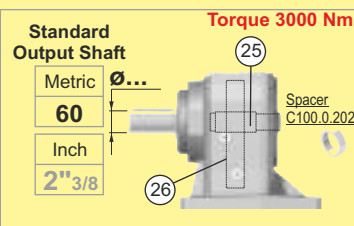
Specific Kits of COAXIAL

Kits in common with coaxials or worm

NEMA Kits
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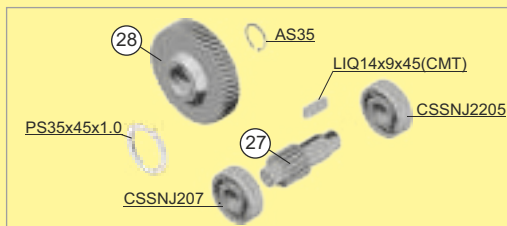
CAST IRON COAXIAL SHAFT $\phi 60\text{mm}$ (3000 Nm)

1003 Modular base



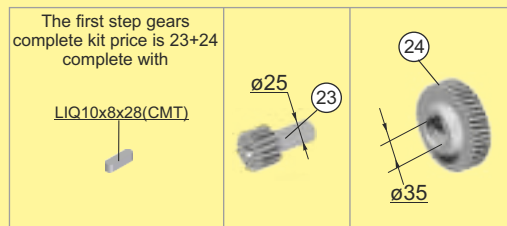
Ratio	Mod. Base	(26)	(25)	Q.ty
36.11	C1000160	62	11	
50.89	C1000360	59	14	
55.73	C1000260	60	13	
68.80	C1000360	59	14	
75.35	C1000260	60	13	
89.47	C1000360	59	14	
92.02	C1000160	62	11	
97.99	C1000260	60	13	
109.52	C1000360	59	14	
119.94	C1000260	60	13	
146.47	C1000160	62	11	
158.37	C1000360	59	14	
173.45	C1000260	60	13	
211.82	C1000160	62	11	

Middle Gear Set



Kit Code	Q.ty	(27) Pinion	(28) Wheel
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132

First gear set kit



The first step gears complete kit price is 23+24 complete with

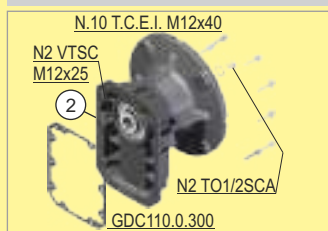
Kit Code	Q.ty	(23) Pinion	(24) Wheel
KC902-30/39		C90.0.106	C90.0.136
KC902-20/49		C90.0.105	C90.0.135
KC902-20/49		C90.0.105	C90.0.135
KC902-16/53		C90.0.104	C90.0.134
KC902-16/53		C90.0.104	C90.0.134
KC902-13/56		C90.0.103	C90.0.133
KC902-16/53		C90.0.104	C90.0.134
KC902-13/56		C90.0.103	C90.0.133
KC902-11/58		C90.0.102	C90.0.132
KC902-11/58		C90.0.102	C90.0.132
KC902-11/58		C90.0.102	C90.0.132
KC902-8/61		C90.0.101	C90.0.131
KC902-8/61		C90.0.101	C90.0.131
KC902-8/61		C90.0.101	C90.0.131

Input Cover



Kits Cod. (2)	Q.ty
KC110.9.056 for PAM 100/112	

Input Cover



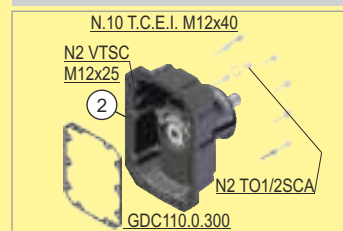
Kits Cod. (2)	Q.ty
KC110.9.057 for PAM 132	

Input Cover



Kits Cod. (2)	Q.ty
KC110.9.058 for PAM 160	

Input Male Shaft



Kits Cod. (2) $\phi 28$	Q.ty
KC110.9.061	

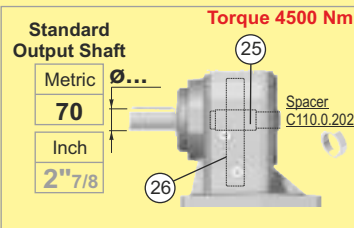
Output Flanges



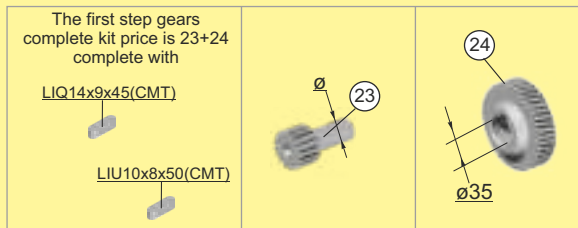
Kits Cod. (130)	ϕ	Q.ty
KC90.9.014	$\phi 300$	
KC90.9.015	$\phi 350$	
KC90.9.016	$\phi 450$	

CAST IRON COAXIAL SHAFT $\phi 70\text{mm}$ (4500 Nm)

1102 Modular base



First gear set kit



Ratio	Mod. Base	(26)	(25)	Q.ty
4.75	C1100370	59	14	
5.21	C1100270	60	13	
6.36	C1100170	62	11	
7.45	C1100370	59	14	
8.15	C1100270	60	13	
9.96	C1100170	62	11	
11.69	C1100370	59	14	
12.80	C1100270	60	13	
15.63	C1100170	62	11	
17.65	C1100370	59	14	
19.33	C1100270	60	13	
20.77	C1100370	59	14	
22.75	C1100270	60	13	
23.60	C1100170	62	11	
27.78	C1100170	62	11	
30.76	C1100370	59	14	
33.69	C1100270	60	13	
41.15	C1100170	62	11	

Kit Code	Q.ty	(23) Pinion	ϕ	(24) Wheel
K1102-39/44		C110.0.106	$\phi 35$	C110.0.136
K1102-39/44		C110.0.106	$\phi 35$	C110.0.136
K1102-39/44		C110.0.106	$\phi 35$	C110.0.136
K1102-30/53		C110.0.105	$\phi 35$	C110.0.135
K1102-30/53		C110.0.105	$\phi 35$	C110.0.135
K1102-30/53		C110.0.105	$\phi 35$	C110.0.135
K1102-22/61		C110.0.104	$\phi 35$	C110.0.134
K1102-22/61		C110.0.104	$\phi 35$	C110.0.134
K1102-22/61		C110.0.104	$\phi 35$	C110.0.134
K1102-16/67		C110.0.103	$\phi 35$	C110.0.133
K1102-16/67		C110.0.103	$\phi 35$	C110.0.133
K1102-14/69		C110.0.102	$\phi 35$	C110.0.132
K1102-14/69		C110.0.102	$\phi 35$	C110.0.132
K1102-16/67		C110.0.103	$\phi 35$	C110.0.133
K1102-14/69		C110.0.102	$\phi 35$	C110.0.132
K1102-10/73		C110.0.101	$\phi 35$	C110.0.131
K1102-10/73		C110.0.101	$\phi 35$	C110.0.131
K1102-10/73		C110.0.101	$\phi 35$	C110.0.131

For modular base Metric example: C1100170 \rightarrow ϕ hub 70mm

MAP OF COMPONENTS

Input Cover



Kits Cod. (2)	Q.ty
KC110.9.052 for PAM 132	

Input Cover



Kits Cod. (2)	Q.ty
KC110.9.053 for PAM 160	

Input Cover



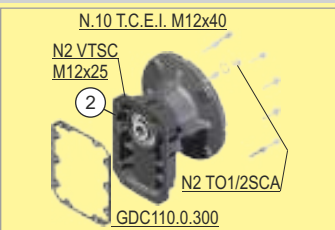
Kits Cod. (2)	Q.ty
KC110.9.053_B for PAM 180	

Input Cover



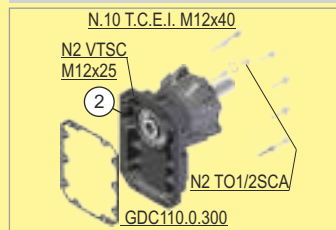
Kits Cod. (2)	Q.ty
KC110.9.054 for PAM 200	

Input Cover



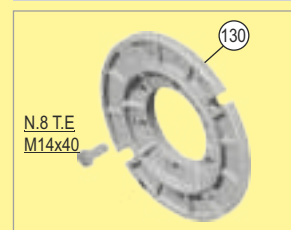
Kits Cod. (2)	Q.ty
KC110.9.055 for PAM 225	

Input Male Shaft



Kits Cod. (2) $\phi 42$	Q.ty
KC110.9.062	

Output Flanges



Kits Cod. (130)	ϕ	Q.ty
KC110.9.015	$\phi 350$	
KC110.9.016	$\phi 450$	

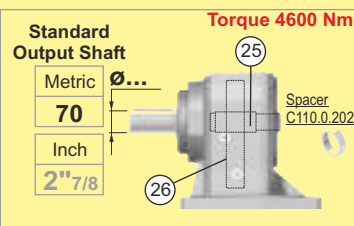
Specific Kits of COAXIAL

Kits in common with coaxials or worm

NEMA Kits
pag. 30

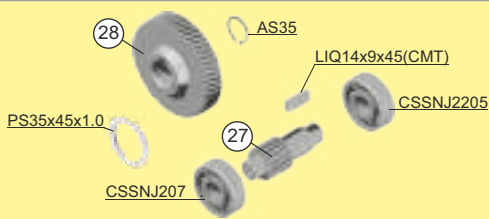
CAST IRON COAXIAL SHAFT $\phi 70\text{mm}$ (4600 Nm)

1103 Modular base



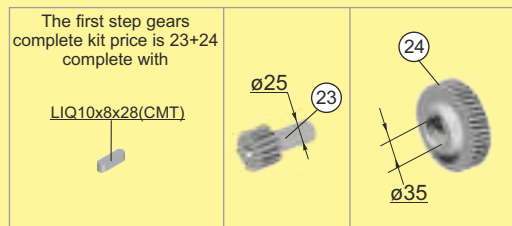
Ratio	Mod. Base	(26)	(25)	Q.ty
36.11	C1100170	62	11	
50.89	C1100370	59	14	
55.73	C1100270	60	13	
68.80	C1100370	59	14	
75.35	C1100270	60	13	
89.47	C1100370	59	14	
92.02	C1100170	62	11	
97.99	C1100270	60	13	
109.52	C1100370	59	14	
119.94	C1100270	60	13	
146.47	C1100170	62	11	
158.37	C1100370	59	14	
173.45	C1100270	60	13	
211.82	C1100170	62	11	

Middle Gear Set



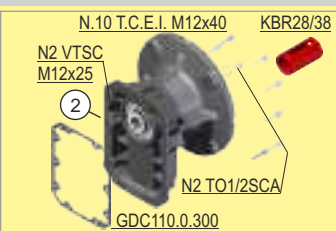
Kit Code	Q.ty	(27) Pinion	(28) Wheel
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132

First gear set kit



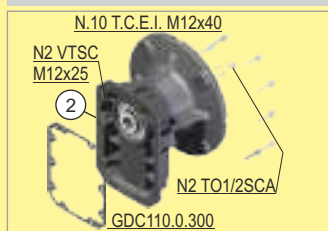
Kit Code	Q.ty	(23) Pinion	(24) Wheel
KC902-30/39		C90.0.106	C90.0.136
KC902-20/49		C90.0.105	C90.0.135
KC902-20/49		C90.0.105	C90.0.135
KC902-16/53		C90.0.104	C90.0.134
KC902-16/53		C90.0.104	C90.0.134
KC902-13/56		C90.0.103	C90.0.133
KC902-16/53		C90.0.104	C90.0.134
KC902-13/56		C90.0.103	C90.0.133
KC902-11/58		C90.0.102	C90.0.132
KC902-11/58		C90.0.102	C90.0.132
KC902-11/58		C90.0.102	C90.0.132
KC902-8/61		C90.0.101	C90.0.131
KC902-8/61		C90.0.101	C90.0.131
KC902-8/61		C90.0.101	C90.0.131

Input Cover



Kits Cod. (2)	Q.ty
KC110.9.056 for PAM 100/112	

Input Cover



Kits Cod. (2)	Q.ty
KC110.9.057 for PAM 132	

Input Cover



Kits Cod. (2)	Q.ty
KC110.9.058 for PAM 160	

Input Cover



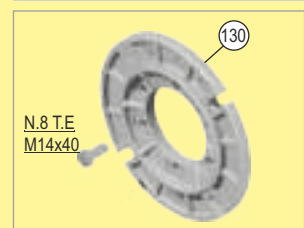
Kits Cod. (2)	Q.ty
KC110.9.058_B for PAM 180	

Input Male Shaft



Kits Cod. (2) $\phi 28$	Q.ty
KC110.9.061	

Output Flanges



Kits Cod. (130)	ϕ	Q.ty
KC110.9.015	$\phi 350$	
KC110.9.016	$\phi 450$	

BEVEL GEARS HUB $\phi 20\text{mm}$ (50 Nm)

X22S Modular base

Standard Hollow Shaft

Torque 50Nm

Metric
18-20

Inch
-

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIQ5x5x10.5(CMT)

Input motor shaft kit

Wheat VTGDM05x04
Only for C35.5.030

CSM6005/2Z

CSM6002

SC 25x40x7C

Same as coaxial kit except for bearings

Ratio	Mod. Base	25	26	Q.ty
4.83	X20S01..	9	42	
7.40	X20S02..	7	50	
9.58	X20S01..	9	42	
10.98	X20S01..	9	42	
13.07	X20S01..	9	42	
14.66	X20S02..	7	50	
15.79	X20S01..	9	42	
16.81	X20S02..	7	50	
20.00	X20S02..	7	50	
21.93	X20S01..	9	42	
24.18	X20S02..	7	50	
29.04	X20S01..	9	42	
33.57	X20S02..	7	50	
38.67	X20S01..	9	42	
44.44	X20S02..	7	50	
59.18	X20S02..	7	50	
70.24	X20S02..	7	50	

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KX22S-28/29		C40.0.129B	X2A.0.139
KX22S-28/29		C40.0.129B	X2A.0.139
KX22S-19/39		C40.0.105B	X2A.0.135
KX22S-17/40		C40.0.104B	X2A.0.134
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-19/39		C40.0.105B	X2A.0.135
KX22S-13/44		C40.0.103B	X2A.0.133
KX22S-17/40		C40.0.104B	X2A.0.134
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-10/47		C40.0.102B	X2A.0.132
KX22S-13/44		C40.0.103B	X2A.0.133
KX22S-9/56		C40.0.101B	X2A.0.131
KX22S-10/47		C40.0.102B	X2A.0.132
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-9/56		C40.0.101B	X2A.0.131
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-6/59		X2A.0.110	X2A.0.140

Cod. 21 $\phi 9$	$\phi 11$	$\phi 14$	$\phi 5/8"$ (56C)
KX2S.5.030	KX2S.5.031	KX2S.5.032	KX2S.5.035U
Q.ty	Q.ty	Q.ty	Q.ty

• For KX2S.5.31, oil seal 020x040x07C
For KX2S.5.30, oil seal 015x040x07C
For KX2S.5.35U, oil seal 025x040x07C

For modular base Metric example: X20S0120 - ϕ hub 20mm

Input motor shaft kit for coupling

CSM6002

SC 20x40x7C

21

CSM6005/2RS

Cod. 21 Q.ty

KX2S.5.080

Coupling

LIU6x6x25
only KC405093P

LIU8x7x25
only KC405094Z

275

275

ϕ

ϕ

Plastic Zamak

Cod. 275 Q.ty

C35.5.090P $\phi 9\text{mm}$
C35.5.091P $\phi 11\text{mm}$
KC35.5.092P $\phi 14\text{mm}$
KC35.5.096UZ $\phi 0.625"$

MAP OF COMPONENTS

Input Cover

N6 T.C.E.I. M6x35

N1 VTSCM05x14

2

N1 TO1/4SCA

GDX2S.0.300

Kits Cod. 2	Q.ty
KX2S.9.050	

Input Male Shaft

050.0.251

CSM6005/2Z

LIU5x5x20
Only for X2S.5.061

CSM6002

ϕ

118

N4 T.C.E.I. M6x16

GD050.0.301

SC 25x40x7C

Kits Cod. 118 $\phi 14$	Q.ty
KX2S.5.061	

Output Flanges

N.4 T.C.E.I. M6x20

130

ϕ

Kits Cod. 130	ϕ	Q.ty
KX2S.9.010	$\phi 110$	
KX2S.9.011	$\phi 120$	

Metric Motor Flanges

N.4 T.C.E.I. M6x16

N.4 M...x...

GD050.0.301

ϕ

133

Kits Cod. 133	PAM	Q.ty
K050.4.041 ($\phi 140$)	63B5	
K050.4.042 ($\phi 160$)	71B5	
KC40.4.049 ($\phi 80$)	56B14	
K050.4.047 ($\phi 90$)	63B14	
K050.4.045 ($\phi 105$)	71B14	

Output Shaft

N1 T.E. M6x16

X2S.0.204

N3 LIU6x6x30

J20

100

Kits Cod. 100	ϕ	Q.ty
KX2S.5.028	$\phi 20$	

Nema Motor Flanges

N.4 T.C.E.I. M6x22

GD050.0.301

133

Kits Cod. 133	Nema	Q.ty
KU050.4.041	$\phi 6.5"$ (56C)	

Specific Kits of BEVEL

Specific Kits of WORMBOX

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 32

BEVEL GEARS HUB $\phi 20\text{mm}$ (90 Nm)

X32S Modular base

Standard Hollow Shaft

Torque 90Nm

Metric
20-25

Inch
-

Ratio	Mod. Base	25	26	Q.ty
7.33	X30S01..	9	42	
11.22	X30S02..	7	50	
13.26	X30S01..	9	42	
15.37	X30S01..	9	42	
18.04	X30S01..	9	42	
20.30	X30S02..	7	50	
21.54	X30S01..	9	42	
23.53	X30S02..	7	50	
27.62	X30S02..	7	50	
29.40	X30S01..	9	42	
32.97	X30S02..	7	50	
38.37	X30S01..	9	42	
45.00	X30S02..	7	50	
50.67	X30S01..	9	42	
58.73	X30S02..	7	50	
77.55	X30S02..	7	50	

For modular base **Metric** example: X30S01²⁰ - ϕ hub 20mm

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-28/44		C40.0.129B	C40.0.139B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B

Input motor shaft kit

Cod. 21	$\phi 14$	$\phi 19$	$\phi 24$	$\phi 5/8''$ (56C)
KC40.5.032		KC40.5.033	KC40.5.034	KC40.5.035U
Q.ty		Q.ty	Q.ty	Q.ty
				$\phi 7/8''$ (143/5C)
				KC40.5.036U
				Q.ty

Input motor shaft kit for coupling

Cod. 21	Q.ty
KC40.5.080	

Coupling

LIU6x6x25 only KC405093P
LIU8x7x25 only KC405094Z

Plastic Zamak

Cod. 275	Q.ty
C40.5.091P	$\phi 11\text{mm}$
C40.5.092P	$\phi 14\text{mm}$
KC40.5.093P	$\phi 19\text{mm}$
KC40.5.094Z	$\phi 24\text{mm}$
KC40.5.096UZ	$\phi 0.625''$
KC40.5.097UZ	$\phi 0.875''$

Input Cover

N6 T.C.E.I. M6x30
N2 VTSCM05x14
N1 TO1/4SCA
GD3A.0.300

Kits Cod. 2	Q.ty
KX3A.9.050	

Input Male Shaft

C40.0.250
CSM6004/2Z
LIU6x6x30 Only for C40.5.062
CSM6004
N4 T.C.E.I. M8x16
GD022.0.302
SC 20x30x7C

Kits Cod. 118	$\phi 19$	Q.ty
KC405062		

Output Flanges

N.4 T.C.E.I. M8x20

Kits Cod. 130	ϕ	Q.ty
KX3S.9.010	$\phi 120$	
KX3S.9.011	$\phi 160$	

Metric Motor Flanges

N.4 T.C.E.I. M8x20
N.4 M...x...
GD022.0.302

Kits Cod. 133	PAM	Q.ty
K063.4.041 ($\phi 140$)	63B5-90B14	
K063.4.042 ($\phi 160$)	71B5	
K063.4.043 ($\phi 200$)	80-90B5	
K063.4.047 ($\phi 105$)	71B14	
K063.4.046 ($\phi 120$)	80B14	

Output Shaft

N1 T.E. M6x16
X2S.0.204
N3 LIU6x6x30
J20

Kits Cod. 100	ϕ	Q.ty
KX2S.5.028	$\phi 20$	

Nema Motor Flanges

N.4 T.C.E.I. M8x20
GD022.0.302

Kits Cod. 133	Nema	Q.ty
KU063.4.041	$\phi 6.5''$ (143/5C)	

BEVEL GEARS HUB $\phi 20\text{mm}$ (100 Nm)

X33S Modular base

Standard Hollow Shaft

Torque 100Nm

Metric
20-25

Inch
-

Middle Gear Set

LIU5x5x18 (CMT)
CSM6001
X4A.0.203
SGSS12x18x1
CSM6001
A15
Only for C40.1.183

Same as coaxial kit except for bearings & spacer.

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIQ5x5x10.5(CMT)

Ratio	Mod. Base	25	26	Q.ty
36.17	X30S01..	9	42	
44.21	X30S01..	9	42	
50.68	X30S01..	9	42	
55.36	X30S02..	7	50	
60.31	X30S01..	9	42	
65.88	X30S02..	7	50	
72.25	X30S01..	9	42	
79.64	X30S02..	7	50	
92.31	X30S02..	7	50	
95.65	X30S01..	9	42	
101.23	X30S01..	9	42	
127.37	X30S01..	9	42	
151.16	X30S01..	9	42	
178.46	X30S01..	9	42	
211.79	X30S01..	9	42	
231.37	X30S02..	7	50	
273.16	X30S02..	7	50	
324.18	X30S02..	7	50	

Kits Cod.	Q.ty	27 Pinion	28 Gear Wheel
KX33S-17/56		C40.1.184	C40.0.134
KX33S-13/60		C40.1.183	C40.0.133
KX33S-13/60		C40.1.183	C40.0.133
KX33S-17/56		C40.1.184	C40.0.134
KX33S-13/60		C40.1.183	C40.0.133
KX33S-17/56		C40.1.184	C40.0.134
KX33S-17/56		C40.1.184	C40.0.134
KX33S-17/56		C40.1.184	C40.0.134
KX33S-17/56		C40.1.184	C40.0.134
KX33S-13/60		C40.1.183	C40.0.133
KX33S-17/56		C40.1.184	C40.0.134
KX33S-13/60		C40.1.183	C40.0.133
KX33S-17/56		C40.1.184	C40.0.134
KX33S-13/60		C40.1.183	C40.0.133
KX33S-17/56		C40.1.184	C40.0.134
KX33S-13/60		C40.1.183	C40.0.133
KX33S-17/56		C40.1.184	C40.0.134
KX33S-13/60		C40.1.183	C40.0.133
KX33S-13/60		C40.1.183	C40.0.133

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KX22S-17/40		C40.0.104B	X2A.0.134
KX22S-19/39		C40.0.105B	X2A.0.135
KX22S-17/40		C40.0.104B	X2A.0.134
KX22S-17/40		C40.0.104B	X2A.0.134
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-10/47		C40.0.102B	X2A.0.132
KX22S-13/44		C40.0.103B	X2A.0.133
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-9/56		C40.0.101B	X2A.0.131
KX22S-10/47		C40.0.102B	X2A.0.132
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-6/59		X2A.0.110	X2A.0.140
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-6/59		X2A.0.110	X2A.0.140
KX22S-6/59		X2A.0.110	X2A.0.140
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-6/59		X2A.0.110	X2A.0.140

Input motor shaft kit

Wheat VTGDM05x04
Only for C35.5.030

CSM6002

CSM6005/2Z

SC 25x40x7C*

Same as coaxial kit except for bearings

Cod. (21)	$\phi 9$	$\phi 11$	$\phi 14$
KX2S.5.030	KX2S.5.031	KX2S.5.032	
	Q.ty	Q.ty	Q.ty
			$\phi 5/8''$ (56C)
			KX2S.5.035U
			Q.ty

* For KX2S.5.31, oil seal 020x040x07C
For KX2S.5.30, oil seal 015x040x07C
For KX2S.5.35U, oil seal 025x040x07C

Input motor shaft kit for coupling

CSM6202

SC 20x40x7C

CSM6005/2RS

Cod. (21)	Q.ty
KC35.5.080	

Coupling

LIU6x6x25
only KC405093P

LIU8x7x25
only KC405094Z

275

275

ϕ

ϕ

Plastic Zamak

Cod. (275)	Q.ty
C35.5.090P $\phi 9\text{mm}$	
C35.5.091P $\phi 11\text{mm}$	
KC35.5.092P $\phi 14\text{mm}$	
KC35.5.096UZ $\phi 0.625''$	

Input Cover

N1 T01/4SCA

N6 T.C.E.I. M6x35

GDX3A.0.300

N2 VTSCM05x14

Kits Cod. (2)	Q.ty
KX3A.9.051	

Metric Motor Flanges

N.4 T.C.E.I. M6x16

N.4 M...x...

GD050.0.301

ϕ

133

Kits Cod. (133)	PAM	Q.ty
K050.4.041 ($\phi 140$)	63B5	
K050.4.042 ($\phi 160$)	71B5	
KC40.4.049 ($\phi 80$)	56B14	
K050.4.047 ($\phi 90$)	63B14	
K050.4.045 ($\phi 105$)	71B14	

Input Male Shaft

Same as coaxial kit except for bearings

LIU5x5x20
Only for X2S.5.061

CSM6002

CSM6005/2Z

N4 T.C.E.I. M6x16

GD050.0.301

SC 25x40x7C

118

Kits Cod. (118)	$\phi 14$	Q.ty
KX2S.5.061		

Output Shaft

N1 T.E. M6x16

X2S.0.204

N3 LIU6x6x30

J20

100

Kits Cod. (100)	ϕ	Q.ty
KX2S.5.028	$\phi 20$	

Output Flanges

N.4 T.C.E.I. M8x20

130

Kits Cod. (130)	ϕ	Q.ty
KX3S.9.010	$\phi 120$	
KX3S.9.011	$\phi 160$	

Nema Motor Flanges

N.4 T.C.E.I. M6x22

GD050.0.301

133

Kits Cod. (133)	Nema	Q.ty
KU050.4.041	$\phi 6.5''$ (56C)	

Specific Kits of BEVEL

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 34

MAP OF COMPONENTS

BEVEL GEARS HUB $\phi 25\text{mm}$ (150 Nm)

X42A Modular base

Standard Hollow Shaft

Torque 150Nm

Metric
25-30

Inch
-

CSGGUA014x1.5

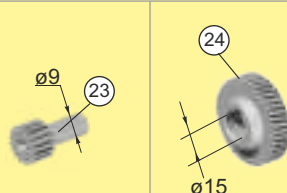
Ratio	Mod. Base	25	26	Q.ty
7.29	X40A01..	11	51	
11.20	X40A02..	8	57	
13.18	X40A01..	11	51	
15.27	X40A01..	11	51	
17.93	X40A01..	11	51	
20.25	X40A02..	8	57	
21.40	X40A01..	11	51	
23.47	X40A02..	8	57	
27.55	X40A02..	8	57	
29.21	X40A01..	11	51	
32.88	X40A02..	8	57	
38.12	X40A01..	11	51	
44.89	X40A02..	8	57	
50.34	X40A01..	11	51	
58.58	X40A02..	8	57	
77.36	X40A02..	8	57	

For modular base **Metric** example: **X40A01**²⁵ - ϕ hub 25mm

First gear set kit

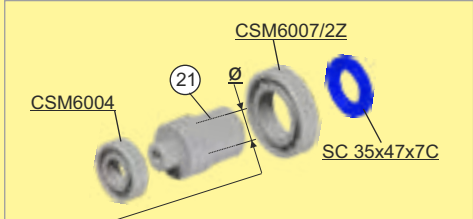
The first step gears complete kit price is 23+24 complete with

LIU5x5x18(GMT)



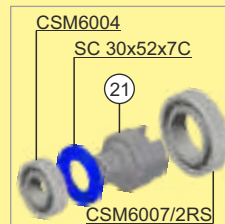
Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-28/44		C40.0.129B	C40.0.139B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B

Input motor shaft kit



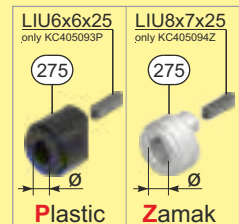
Cod. 21	$\phi 14$	$\phi 19$	$\phi 24$	$\phi 5/8"$ (56C)
KC40.5.032		KC40.5.033	KC40.5.034	KC40.5.035U
Q.ty		Q.ty	Q.ty	Q.ty
				$\phi 7/8"$ (143/5C)
				KC40.5.036U
				Q.ty

Input motor shaft kit for coupling



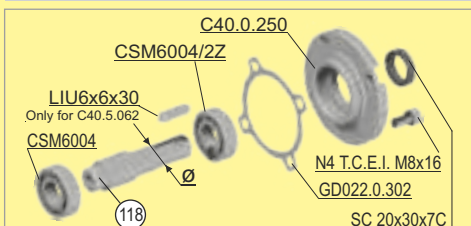
Cod. 21	Q.ty
KC40.5.080	

Coupling



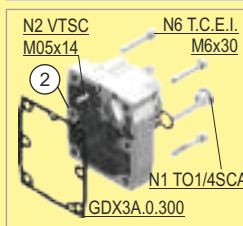
Cod. 275	Q.ty
C40.5.091P	$\phi 11\text{mm}$
C40.5.092P	$\phi 14\text{mm}$
KC40.5.093P	$\phi 19\text{mm}$
KC40.5.094Z	$\phi 24\text{mm}$
KC40.5.096UZ	$\phi 0.625"$
KC40.5.097UZ	$\phi 0.875"$

Input Male Shaft



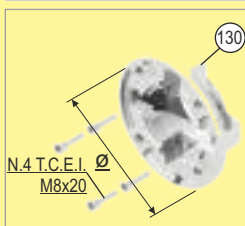
Kits Cod. 118	$\phi 19$	Q.ty
KC40.5.062		

Input Cover



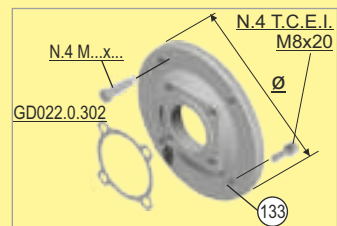
Kits Cod. 2	Q.ty
KX3A.9.050	

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KX4A.9.010	$\phi 160$	
KX4A.9.011	$\phi 200$	
KX4A.9.012	$\phi 250$	

Metric Motor Flanges



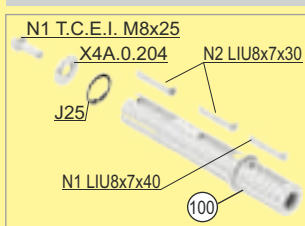
Kits Cod. 133	PAM	Q.ty
K063.4.041 ($\phi 140$)	63B5-90B14	
K063.4.042 ($\phi 160$)	71B5	
K063.4.043 ($\phi 200$)	80-90B5	
K063.4.047 ($\phi 105$)	71B14	
K063.4.046 ($\phi 120$)	80B14	

Motor Flanges IEC 100-112B5

These Kits are supplied with specific pinion required by the ratio, as 23 have a different (bigger) ϕ than normal types.

Ratio	Kits Cod.
1/7.29	KC40.4.043/1
1/11.20	KC40.4.043/1

Output Shaft



Kits Cod. 100	ϕ	Q.ty
KX4A.5.028	$\phi 25$	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KU063.4.041	$\phi 6.5"$ (143/5TC)	

BEVEL GEARS HUB $\phi 25\text{mm}$ (160 Nm)

X43A Modular base

Standard Hollow Shaft

Torque 160Nm

Metric
25-30

Inch
-

CSGGUA014x1.5

Ratio	Mod. Base	25	26	Q.ty
50.35	X40A01..	11	51	
55.22	X40A02..	8	57	
59.92	X40A01..	11	51	
65.72	X40A02..	8	57	
71.78	X40A01..	11	51	
79.44	X40A02..	8	57	
92.08	X40A02..	8	57	
95.03	X40A01..	11	51	
126.55	X40A01..	11	51	
133.15	X40A01..	11	51	
150.18	X40A01..	11	51	
177.30	X40A01..	11	51	
210.42	X40A01..	11	51	
230.79	X40A02..	8	57	
272.47	X40A02..	8	57	
323.37	X40A02..	8	57	

Middle Gear Set

LIU5x5x18 (CMT)
CSM6201
X4A.0.203
SGSS12x18x1
CSM6001
A15
Only for C40.1.183

Same as coaxial kit except for bearings & spacer.

Kits Cod.	Q.ty	27 Pinion	28 Gear Wheel
KX43A-13/60		C40.1.183	C40.0.133
KX43A-17/56		C40.1.184	C40.0.134
KX43A-13/60		C40.1.183	C40.0.133
KX43A-17/56		C40.1.184	C40.0.134
KX43A-17/56		C40.1.184	C40.0.134
KX43A-17/56		C40.1.184	C40.0.134
KX43A-17/56		C40.1.184	C40.0.134
KX43A-17/56		C40.1.184	C40.0.134
KX43A-17/56		C40.1.184	C40.0.134
KX43A-17/56		C40.1.184	C40.0.134
KX43A-13/60		C40.1.183	C40.0.133
KX43A-17/56		C40.1.184	C40.0.134
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-17/56		C40.1.184	C40.0.134
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIQ5x5x10.5(CMT)

$\phi 9$ 23

24 $\phi 15$

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KX22S-17/40		C40.0.104B	X2A.0.134
KX22S-17/40		C40.0.104B	X2A.0.134
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-10/47		C40.0.102B	X2A.0.132
KX22S-13/44		C40.0.103B	X2A.0.133
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-9/56		C40.0.101B	X2A.0.131
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-9/56		C40.0.101B	X2A.0.131
KX22S-6/59		X2A.0.110	X2A.0.140
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-6/59		X2A.0.110	X2A.0.140
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-6/59		X2A.0.110	X2A.0.140
KX22S-6/59		X2A.0.110	X2A.0.140
KX22S-6/59		X2A.0.110	X2A.0.140

Input motor shaft kit

Wheat VTGDM05x04
Only for C35.5.030

CSM6002

CSM6005/2Z

SC 25x40x7C*

Same as coaxial kit except for bearings

Cod. 21	$\phi 9$	$\phi 11$	$\phi 14$
KX2S.5.030	KX2S.5.031	KX2S.5.032	
	Q.ty	Q.ty	Q.ty
			$\phi 5/8''$ (56C)
			KX2S.5.035U
			Q.ty

* For KX2S.5.31, oil seal 020x040x07C
For KX2S.5.30, oil seal 015x040x07C
For KX2S.5.35U, oil seal 025x040x07C

Input motor shaft kit for coupling

CSM6202

SC 20x40x7C

21

CSM6005/2RS

Cod. 21	Q.ty
KC35.5.080	

Coupling

LIU6x6x25
only KC405093P

LIU8x7x25
only KC405094Z

275

275

ϕ

ϕ

Plastic Zamak

Cod. 275	Q.ty
C35.5.090P $\phi 9\text{mm}$	
C35.5.091P $\phi 11\text{mm}$	
KC35.5.092P $\phi 14\text{mm}$	
KC35.5.096UZ $\phi 0.625''$	

Input Cover

N1 T01/4SCA

N6 T.C.E.I. M6x35

2

GDX3A.0.300

N2 VTSCM05x14

Kits Cod. 2	Q.ty
KX3A.9.051	

Metric Motor Flanges

N.4 T.C.E.I. M6x16

N.4 M...x...

ϕ

GD050.0.301

133

Kits Cod. 133	PAM	Q.ty
K050.4.041 ($\phi 140$)	63B5	
K050.4.042 ($\phi 160$)	71B5	
KC40.4.049 ($\phi 80$)	56B14	
K050.4.047 ($\phi 90$)	63B14	
K050.4.045 ($\phi 105$)	71B14	

Input Male Shaft

Same as coaxial kit except for bearings

050.0.251

CSM6005/2Z

LIU5x5x20
Only for X2S.5.061

CSM6002

N4 T.C.E.I. M6x16

GD050.0.301

SC 25x40x7C

118

ϕ

Kits Cod. 118	$\phi 14$	Q.ty
KX2S.5.061		

Output Shaft

N1 T.C.E.I. M8x25

X4A.0.204

N2 LIU8x7x30

J25

N1 LIU8x7x40

100

Kits Cod. 100	ϕ	Q.ty
KX4A.5.028	$\phi 25$	

Output Flanges

N.4 T.C.E.I. M8x20

ϕ

130

Kits Cod. 130	ϕ	Q.ty
KX4A.9.010	$\phi 160$	
KXA4.9.011	$\phi 200$	
KXA4.9.012	$\phi 250$	

Nema Motor Flanges

N.4 T.C.E.I. M6x22

GD050.0.301

133

Kits Cod. 133	Nema	Q.ty
KU050.4.041	$\phi 6.5''$ (56C)	

Specific Kits of BEVEL

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 36

MAP OF COMPONENTS

BEVEL GEARS HUB $\phi 30\text{mm}$ (250 Nm)

X52A Modular base

Standard Hollow Shaft

Torque 250Nm

Metric	30-35
Inch	-

X5A.0.500

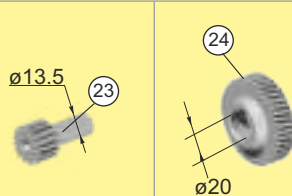
Ratio	Mod. Base	25	26	Q.ty
6.03	X50A01..	11	51	
9.26	X50A02..	8	57	
11.36	X50A01..	11	51	
15.36	X50A01..	11	51	
17.46	X50A02..	8	57	
19.97	X50A01..	11	51	
23.60	X50A02..	8	57	
24.45	X50A01..	11	51	
30.69	X50A02..	8	57	
35.35	X50A01..	11	51	
37.57	X50A02..	8	57	
48.68	X50A01..	11	51	
54.33	X50A02..	8	57	
74.81	X50A02..	8	57	

For modular base Metric example: X50A0130 → ϕ hub 30mm

First gear set kit

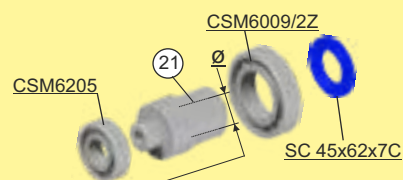
The first step gears complete kit price is 23+24 complete with

LIU6x6x25(CMT)



Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-20/49		C50.0.103	C50.0.133
KC502-13/56		C50.0.102	C50.0.132
KC502-16/53		C50.0.106	C50.0.136
KC502-11/58		C50.0.105	C50.0.135
KC502-13/56		C50.0.102	C50.0.132
KC502-8/61		C50.0.101	C50.0.131
KC502-11/58		C50.0.105	C50.0.135
KC502-6/63		C50.0.100	C50.0.130
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130

Input motor shaft kit



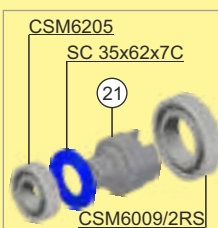
Cod. 21	$\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	
		$\phi 1-1/8"$ (182/4TC)	$\phi 7/8"$ (143/5TC)	
		KC50.5.037U	KC50.5.036U	
		Q.ty	Q.ty	

Coupling



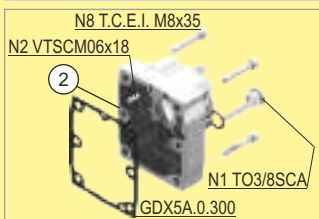
Cod. 275	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

Input motor shaft kit for coupling



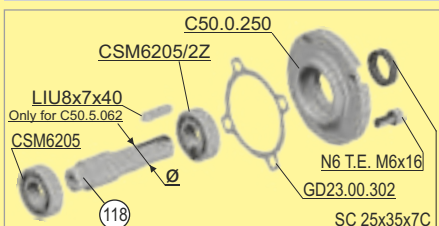
Cod. 21	Q.ty
KC50.5.080	

Input Cover



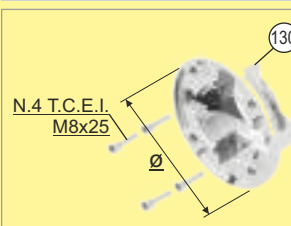
Kits Cod. 2	Q.ty
KX5A.9.050	

Input Male Shaft



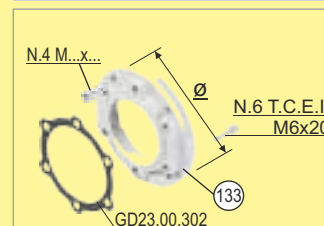
Kits Cod. 118	$\phi 24$	Q.ty
KC50.5.062		

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KX5A.9.010	$\phi 160$	
KX5A.9.011	$\phi 200$	
KX5A.9.012	$\phi 250$	

Metric Motor Flanges



Kits Cod. 133	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

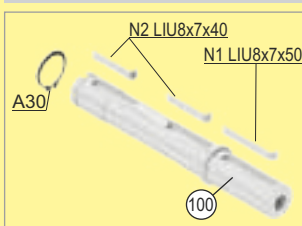
*For K023.4.043, screws N.6 T.E. M6x25

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)		
KUC085.4.042 $\phi 8.5"$ (182/4TC)		

Output Shaft



Kits Cod. 100	ϕ	Q.ty
KX5A.5.028	$\phi 30$	

Specific Kits of BEVEL

Specific Kits of WORMBOX

Kits in common with bevel, coaxials or worm

NEMA Kits

BEVEL GEARS HUB $\phi 30\text{mm}$ (250 Nm)

X53A Modular base

Standard Hollow Shaft

Torque 250Nm

Metric	30-35
Inch	-

X5A.0.500

Ratio	Mod. Base	(25)	(26)	Q.ty
56.76	X50A01..	11	51	
65.79	X50A01..	11	51	
77.23	X50A01..	11	51	
87.23	X50A02..	8	57	
92.18	X50A01..	11	51	
100.47	X50A01..	11	51	
116.45	X50A01..	11	51	
125.82	X50A01..	11	51	
141.66	X50A02..	8	57	
163.16	X50A01..	11	51	
178.96	X50A02..	8	57	
193.36	X50A02..	8	57	
216.84	X50A01..	11	51	
252.36	X50A02..	8	57	
290.67	X50A01..	11	51	
333.23	X50A02..	8	57	
383.82	X50A01..	11	51	
446.70	X50A02..	8	57	
589.85	X50A02..	8	57	

Middle Gear Set

Same as coaxial kit except for bearings & spacer.

Kits Cod.	Q.ty	(27) Pinion	(28) Gear Wheel
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131

First gear set kit

The first step gears complete kit price is 23+24 complete with

Kits Cod.	Q.ty	(23) Pinion	(24) Gear Wheel
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B

MAP OF COMPONENTS

Input motor shaft kit

Cod. (21)	$\phi 14$	$\phi 19$	$\phi 24$
KC40.5.032	KC40.5.033	KC40.5.034	
Q.ty	Q.ty	Q.ty	
	$\phi 5/8$ " (56C)	$\phi 7/8$ " (143/5C)	
	KC40.5.035U	KC40.5.036U	
	Q.ty	Q.ty	

*For KC40.5.35U-KC405036U, oil seal is included in the kit nema motor flange

Input motor shaft kit for coupling

Cod. (21)	Q.ty
KC40.5.080	

Coupling

LIU6x6x25 only KC405093P
LIU8x7x25 only KC405094Z

Plastic Zamak

Cod. (275)	Q.ty
C40.5.091P $\phi 11\text{mm}$	
C40.5.092P $\phi 14\text{mm}$	
KC40.5.093P $\phi 19\text{mm}$	
KC40.5.094Z $\phi 24\text{mm}$	
KC40.5.096UZ $\phi 0.625$ "	
KC40.5.097UZ $\phi 0.875$ "	

Input Cover

Kits Cod. (2)	Q.ty
KX5A.9.051	

Metric Motor Flanges

Kits Cod. (133)	PAM	Q.ty
K063.4.041 ($\phi 140$)	63B5-90B14	
K063.4.042 ($\phi 160$)	71B5	
K063.4.043 ($\phi 200$)	80-90B5	
K063.4.047 ($\phi 105$)	71B14	
K063.4.046 ($\phi 120$)	80B14	

Input Male Shaft

Kits Cod. (118)	$\phi 19$	Q.ty
KC40.5.062		

Output Shaft

Kits Cod. (100)	ϕ	Q.ty
KX5A.5.028	$\phi 30$	

Output Flanges

Kits Cod. (130)	ϕ	Q.ty
KX5A.9.010	$\phi 160$	
KX5A.9.011	$\phi 200$	
KX5A.9.012	$\phi 250$	

Nema Motor Flanges

Kits Cod. (133)	Nema	Q.ty
KU063.4.041	$\phi 6.5$ " (143/5TC)	

Specific Kits of BEVEL

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 38

BEVEL GEARS HUB $\phi 35\text{mm}$ (410 Nm)

X62A Modular base

Standard Hollow Shaft

Torque 410Nm

Metric
35-40

Inch
-

Spacer for gear Z2
X6A.0.206

X6A.0.500

Ratio	Mod. Base	25	26	Q.ty
6.03	X60A01..	11	51	
9.26	X60A02..	8	57	
11.36	X60A01..	11	51	
15.36	X60A01..	11	51	
17.46	X60A02..	8	57	
19.97	X60A01..	11	51	
23.60	X60A02..	8	57	
24.45	X60A01..	11	51	
30.69	X60A02..	8	57	
35.35	X60A01..	11	51	
37.57	X60A02..	8	57	
48.68	X60A01..	11	51	
54.33	X60A02..	8	57	
74.81	X60A02..	8	57	

For modular base Metric example: X60A01³⁵ → ϕ hub 35mm

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU6x6x25(CMT)

$\phi 13.5$

23

24

$\phi 20$

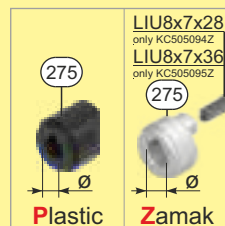
Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-20/49		C50.0.103	C50.0.133
KC502-13/56		C50.0.102	C50.0.132
KC502-16/53		C50.0.106	C50.0.136
KC502-11/58		C50.0.105	C50.0.135
KC502-13/56		C50.0.102	C50.0.132
KC502-8/61		C50.0.101	C50.0.131
KC502-11/58		C50.0.105	C50.0.135
KC502-6/63		C50.0.100	C50.0.130
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130

Input motor shaft kit



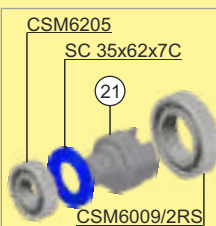
Cod. 21	$\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	
		$\phi 1-1/8"$ (182/4TC)	$\phi 7/8"$ (143/5TC)	
		KC50.5.037U	KC50.5.036U	
		Q.ty	Q.ty	

Coupling



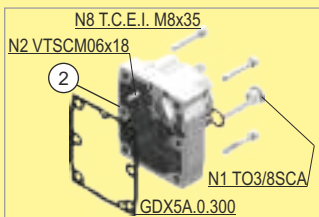
Cod. 275	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

Input motor shaft kit for coupling



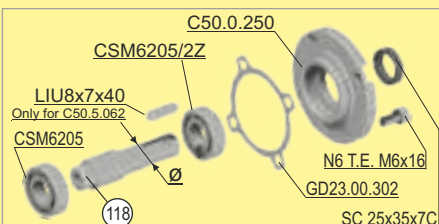
Cod. 21	Q.ty
KC50.5.080	

Input Cover



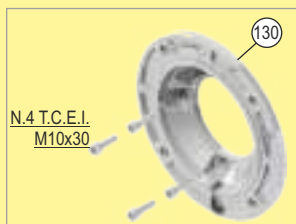
Kits Cod. 2	Q.ty
KX5A.9.050	

Input Male Shaft



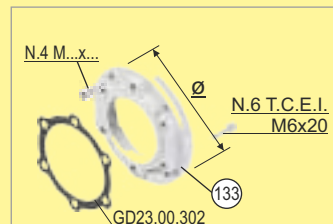
Kits Cod. 118	$\phi 24$	Q.ty
KC50.5.062		

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KF60.9.011	$\phi 250$	
KF60.9.012	$\phi 300$	

Metric Motor Flanges



Kits Cod. 133	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

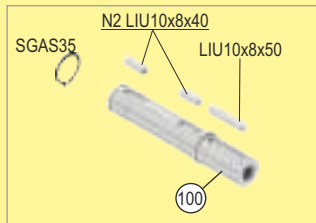
Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8

133 C50.4.041 for 132B14	134 N.6 T.C.E.I. M8x25**
133 C50.4.043 for 132B5	135 SC 55x75x10C
21 C50.5.038	170 N.4 T.E. M10x35 for B14
36 CSM6011/2RS	N.4 T.E. M12x45 for B5
37 CSMNJ205	168 Seeger J90

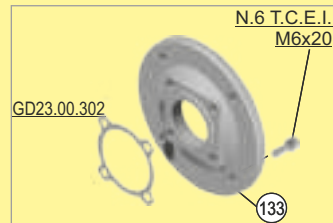
Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

Output Shaft



Kits Cod. 100	ϕ	Q.ty
K085.5.028	$\phi 35$	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)		
KUC085.4.042 $\phi 8.5"$ (182/4TC)		

BEVEL GEARS HUB $\phi 35\text{mm}$ (410 Nm)

X63A Modular base

Standard Hollow Shaft

Torque 410Nm

Metric
35-40

Inch
-

Spacer for gear Z2 X6A.0.206

X6A.0.500

Middle Gear Set

LIU6x6x25 (CMT)
A15
Only for C50.1.183
SGPS15x21x1
CSM6201

CSM6301

27 28

Same as coaxial kit except for bearings & spacer.

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)

$\phi 9$ 23

24

$\phi 15$

Ratio	Mod. Base	25	26	Q.ty
56.76	X60A01..	11	51	
65.79	X60A01..	11	51	
77.23	X60A01..	11	51	
87.23	X60A02..	8	57	
92.18	X60A01..	11	51	
100.47	X60A01..	11	51	
116.45	X60A01..	11	51	
125.82	X60A01..	11	51	
141.66	X60A02..	8	57	
163.16	X60A01..	11	51	
178.96	X60A02..	8	57	
193.36	X60A02..	8	57	
216.84	X60A01..	11	51	
252.36	X60A02..	8	57	
290.67	X60A01..	11	51	
333.23	X60A02..	8	57	
383.82	X60A01..	11	51	
446.70	X60A02..	8	57	
589.85	X60A02..	8	57	

Kits Cod.	Q.ty	27 Pinion	28 Gear Wheel
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-9/74		C40.0.101B	C40.0.131B
KX53A-9/74		C40.0.101B	C40.0.131B
KX53A-7/76		C40.0.100B	C40.0.130B
KX53A-7/76		C40.0.100B	C40.0.130B
KX53A-9/74		C40.0.101B	C40.0.131B
KX53A-7/76		C40.0.100B	C40.0.130B
KX53A-9/74		C40.0.101B	C40.0.131B
KX53A-7/76		C40.0.100B	C40.0.130B

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B

Input motor shaft kit

SC 35x47x7C

CSM6007/2Z

CSM6004

21

ϕ

Cod. 21	$\phi 14$	$\phi 19$	$\phi 24$
KC40.5.032		KC40.5.033	KC40.5.034
Q.ty		Q.ty	Q.ty
		$\phi 5/8$ " (56C)	$\phi 7/8$ " (143/5C)
		KC40.5.035U	KC40.5.036U
		Q.ty	Q.ty

Input motor shaft kit for coupling

CSM6004

SC 30x52x7C

21

CSM6007/2RS

Cod. 21	Q.ty
KC40.5.080	

Coupling

LIU6x6x25 only KC405093P

275

LIU8x7x25 only KC405094Z

275

ϕ

Plastic Zamak

Cod. 275	Q.ty
C40.5.091P $\phi 11\text{mm}$	
C40.5.092P $\phi 14\text{mm}$	
KC40.5.093P $\phi 19\text{mm}$	
KC40.5.094Z $\phi 24\text{mm}$	
KC40.5.096UZ $\phi 0.625$ "	
KC40.5.097UZ $\phi 0.875$ "	

Input Cover

N1 TQ3/8SCA

N8 T.C.E.I. M8x45

2

GDX5A.0.300

N2 VTSCM06x18

Kits Cod. 2	Q.ty
KX5A.9.051	

Metric Motor Flanges

N.4 T.C.E.I. M8x20

N.4 M...x...

ϕ

GD022.0.302

133

Kits Cod. 133	PAM	Q.ty
K063.4.041 ($\phi 140$)	63B5-90B14	
K063.4.042 ($\phi 160$)	71B5	
K063.4.043 ($\phi 200$)	80-90B5	
K063.4.047 ($\phi 105$)	71B14	
K063.4.046 ($\phi 120$)	80B14	

Input Male Shaft

C40.0.250

CSM6004/2Z

LIU6x6x30 Only for C40.5.062

CSM6004

118

ϕ

N4 T.C.E.I. M8x16

GD022.0.302

SC 20x30x7C

Kits Cod. 118	$\phi 19$	Q.ty
KC40.5.062		

Output Shaft

F30.0.252

N3 LIU10x8x50

N1 T.C.E.I. M8x25

100

Kits Cod. 100	ϕ	Q.ty
KX6A.5.028	$\phi 30$	

Output Flanges

N.4 T.C.E.I. M8x25

130

ϕ

Kits Cod. 130	ϕ	Q.ty
KX5A.9.010	$\phi 160$	
KX5A.9.011	$\phi 200$	
KX5A.9.012	$\phi 250$	

Nema Motor Flanges

N.4 T.C.E.I. M8x20

ϕ

GD022.0.302

133

Kits Cod. 133	Nema	Q.ty
KU063.4.041	$\phi 6.5$ " (143/5TC)	

Specific Kits of BEVEL

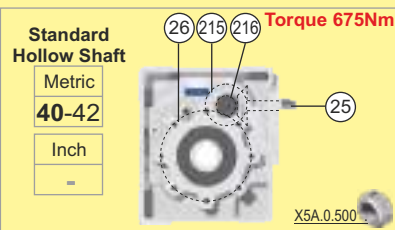
Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 40

MAP OF COMPONENTS

BEVEL GEARS HUB $\phi 42\text{mm}$ (675 Nm)

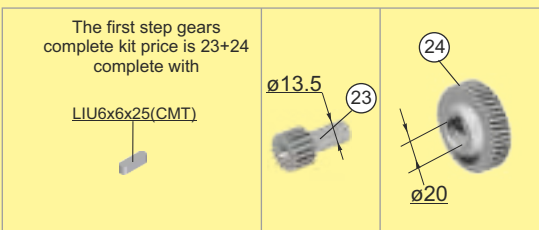
113C Modular base



Ratio	Mod. Base	25	26	215	216	Q.ty
7.94	X11C0140	18	91	29	24	
9.13	X11C0240	16	93	29	24	
10.66	X11C0340	14	95	29	24	
14.97	X11C0140	18	91	29	24	
17.21	X11C0240	16	93	29	24	
20.24	X11C0140	18	91	29	24	
23.27	X11C0240	16	93	29	24	
26.31	X11C0140	18	91	29	24	
30.25	X11C0240	16	93	29	24	
35.32	X11C0340	14	95	29	24	
37.03	X11C0240	16	93	29	24	
43.23	X11C0340	14	95	29	24	
46.58	X11C0140	18	91	29	24	
53.55	X11C0240	16	93	29	24	
62.52	X11C0340	14	95	29	24	
73.75	X11C0240	16	93	29	24	
86.09	X11C0340	14	95	29	24	

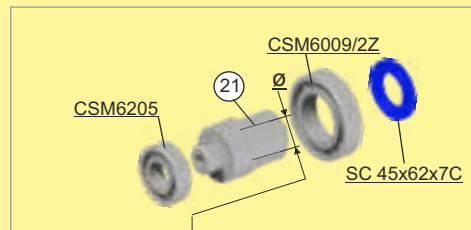
For modular base Metric example: X11C0140 - ϕ hub 40mm

First gear set kit



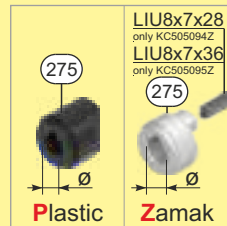
Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-16/53		C50.0.106	C50.0.136
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

Input motor shaft kit



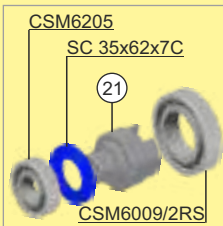
Cod. 21	$\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	
		$\phi 1-1/8"$ (182/4TC)		$\phi 7/8"$ (143/5TC)
		KC50.5.037U	KC50.5.036U	
		Q.ty	Q.ty	

Coupling



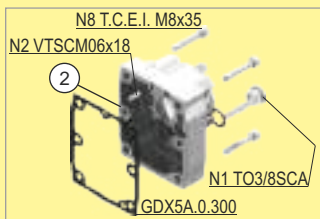
Cod. 275	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

Input motor shaft kit for coupling



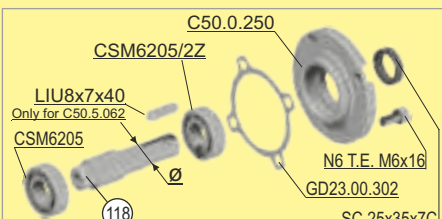
Cod. 21	Q.ty
KC50.5.080	

Input Cover



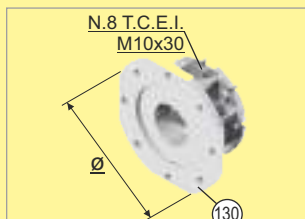
Kits Cod. 2	Q.ty
KX5A.9.050	

Input Male Shaft



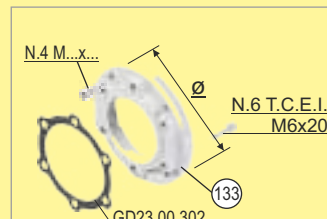
Kits Cod. 118	$\phi 24$	Q.ty
KC50.5.062		

Output Flanges



Kits Cod. 130	ϕ	Q.ty
K11C.9.010	$\phi 260$	
K11C.9.011	$\phi 260$	

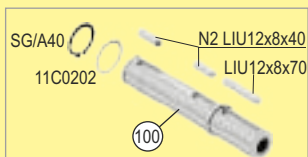
Metric Motor Flanges



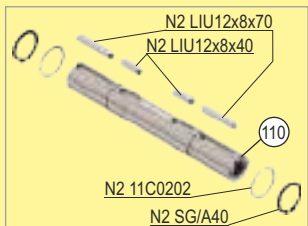
Kits Cod. 133	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

Output Shaft



Kits Cod. 100	ϕ	Q.ty
K11C.5.030	$\phi 40$	



Kits Cod. 100	ϕ	Q.ty
K11C.5.030	$\phi 40$	

Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8

133 C50.4.041 for 132B14	134 N.6 T.C.E.I. M8x25**
133 C50.4.043 for 132B5	135 SC 55x75x10C
21 C50.5.038	170 N.4 T.E. M10x35 for B14
36 CSM6011/2RS	N.4 T.E. M12x45 for B5
37 CSMNJ205	168 Seeger J90

Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)		
KUC085.4.042 $\phi 8.5"$ (182/4TC)		

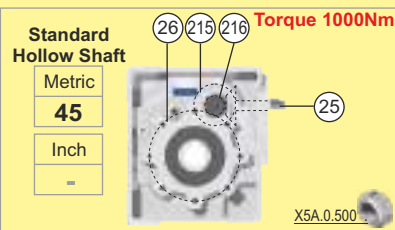
Specific Kits of BEVEL

Kits in common with bevel, coaxials or worm

NEMA Kits

BEVEL GEARS HUB $\phi 45\text{mm}$ (1000 Nm)

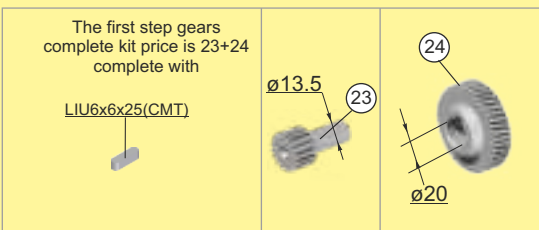
133C Modular base



Ratio	Mod.	Base	25	26	215	216	Q.ty
9.69	X13C0145	18	111	29	24		
11.09	X13C0245	16	113	29	24		
12.90	X13C0345	14	115	29	24		
18.26	X13C0145	18	111	29	24		
20.91	X13C0245	16	113	29	24		
24.32	X13C0345	14	115	29	24		
28.27	X13C0245	16	113	29	24		
32.88	X13C0345	14	115	29	24		
36.76	X13C0245	16	113	29	24		
42.76	X13C0345	14	115	29	24		
45.00	X13C0245	16	113	29	24		
52.33	X13C0345	14	115	29	24		
56.82	X13C0145	18	111	29	24		
65.07	X13C0245	16	113	29	24		
75.68	X13C0345	14	115	29	24		
89.61	X13C0245	16	113	29	24		
104.22	X13C0345	14	115	29	24		

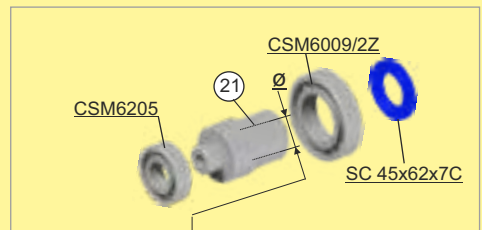
For modular base Metric example: X13C0145 - ϕ hub 45mm

First gear set kit



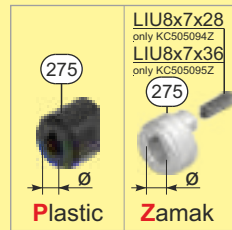
Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-16/53		C50.0.106	C50.0.136
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

Input motor shaft kit



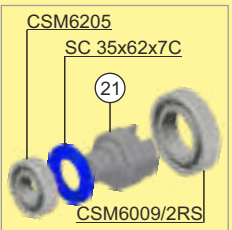
Cod. 21	$\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	
		$\phi 1-1/8"$ (182/4TC)	$\phi 7/8"$ (143/5TC)	
		KC50.5.037U	KC50.5.036U	
		Q.ty	Q.ty	

Coupling



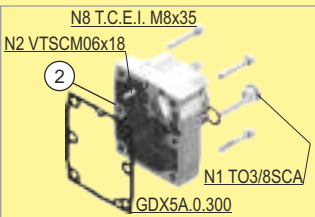
Cod. 275	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

Input motor shaft kit for coupling



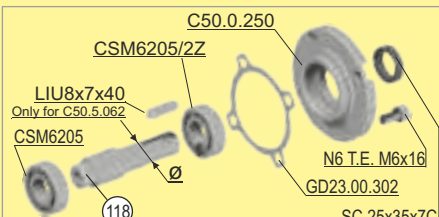
Cod. 21	Q.ty
KC50.5.080	

Input Cover



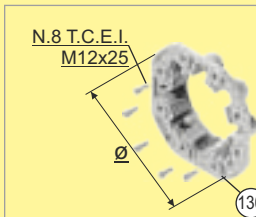
Kits Cod. 2	Q.ty
KX5A.9.050	

Input Male Shaft



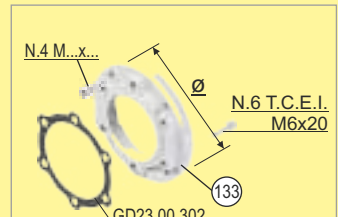
Kits Cod. 118	$\phi 24$	Q.ty
KC50.5.062		

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KQ13.9.010	$\phi 290$	

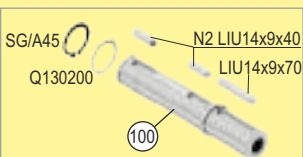
Metric Motor Flanges



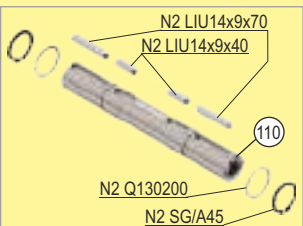
Kits Cod. 133	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

Output Shaft



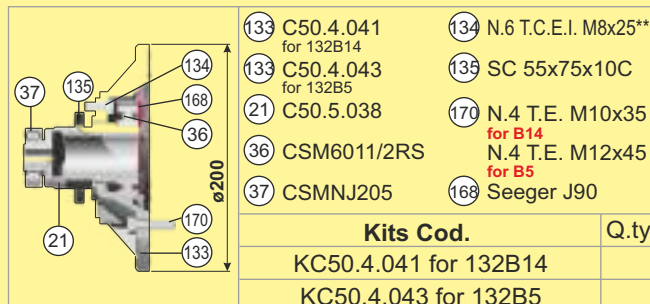
Kits Cod. 100	ϕ	Q.ty
KQ13.5.028	$\phi 45$	



Kits Cod. 100	ϕ	Q.ty
KQ13.5.029	$\phi 45$	

Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8



Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)		
KUC085.4.042 $\phi 8.5"$ (182/4TC)		

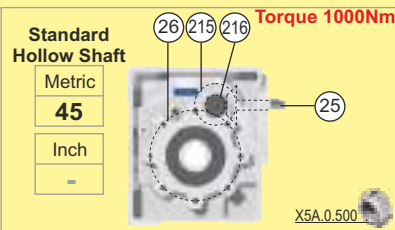
Specific Kits of BEVEL

Kits in common with bevel, coaxials or worm

NEMA Kits

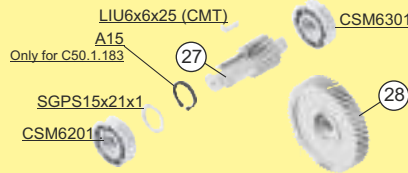
BEVEL GEARS HUB $\phi 45\text{mm}$ (1000 Nm)

134C Modular base



Ratio	Mod. Base	25	26	215	216	Q.ty
91.23	X13C0145	18	111	29	24	
104.48	X13C0245	16	113	29	24	
121.10	X13C0245	16	113	29	24	
140.84	X13C0345	14	115	29	24	
165.32	X13C0345	14	115	29	24	
184.94	X13C0245	16	113	29	24	
197.34	X13C0345	14	115	29	24	
215.10	X13C0345	14	115	29	24	
231.60	X13C0245	16	113	29	24	
249.31	X13C0345	14	115	29	24	
269.37	X13C0345	14	115	29	24	
292.64	X13C0345	14	115	29	24	
302.26	X13C0245	16	113	29	24	
349.30	X13C0345	14	115	29	24	
399.12	X13C0245	16	113	29	24	
476.80	X13C0345	14	115	29	24	
622.28	X13C0345	14	115	29	24	
821.70	X13C0345	14	115	29	24	

Middle Gear Set



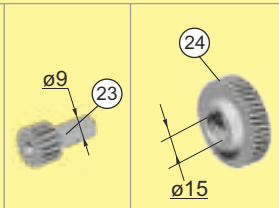
Same as coaxial kit except for bearings & spacer.

Kits Cod.	Q.ty	27 Pinion	28 Gear Wheel
KX53A-13/56	C50.1.184	C50.0.132	
KX53A-13/56	C50.1.184	C50.0.132	
KX53A-13/56	C50.1.184	C50.0.132	
KX53A-13/56	C50.1.184	C50.0.132	
KX53A-13/56	C50.1.184	C50.0.132	
KX53A-8/61	C50.1.183	C50.0.131	
KX53A-13/56	C50.1.184	C50.0.132	
KX53A-8/61	C50.1.183	C50.0.131	
KX53A-13/56	C50.1.184	C50.0.132	
KX53A-8/61	C50.1.183	C50.0.131	
KX53A-13/56	C50.1.184	C50.0.132	
KX53A-8/61	C50.1.183	C50.0.131	
KX53A-13/56	C50.1.184	C50.0.132	
KX53A-8/61	C50.1.183	C50.0.131	
KX53A-8/61	C50.1.183	C50.0.131	
KX53A-8/61	C50.1.183	C50.0.131	
KX53A-8/61	C50.1.183	C50.0.131	

First gear set kit

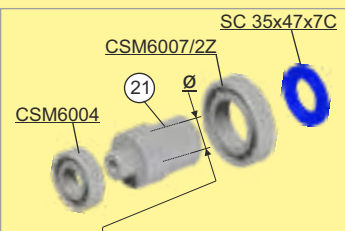
The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)



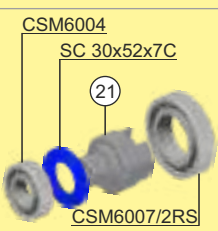
Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-19/54	C40.0.105B	C40.0.135B	
KC402-19/54	C40.0.105B	C40.0.135B	
KC402-17/56	C40.0.104B	C40.0.134B	
KC402-17/56	C40.0.104B	C40.0.134B	
KC402-15/58	C40.0.106B	C40.0.136B	
KC402-19/54	C40.0.105B	C40.0.135B	
KC402-13/60	C40.0.103B	C40.0.133B	
KC402-19/54	C40.0.105B	C40.0.135B	
KC402-10/63	C40.0.102B	C40.0.132B	
KC402-17/56	C40.0.104B	C40.0.134B	
KC402-10/63	C40.0.102B	C40.0.132B	
KC402-15/58	C40.0.106B	C40.0.136B	
KC402-9/74	C40.0.101B	C40.0.131B	
KC402-13/60	C40.0.103B	C40.0.133B	
KC402-7/76	C40.0.100B	C40.0.130B	
KC402-10/63	C40.0.102B	C40.0.132B	
KC402-9/74	C40.0.101B	C40.0.131B	
KC402-7/76	C40.0.100B	C40.0.130B	

Input motor shaft kit



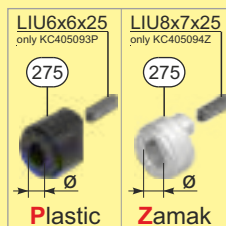
Cod. 21	$\phi 14$	$\phi 19$	$\phi 24$
KC40.5.032	KC40.5.033	KC40.5.034	
Q.ty	Q.ty	Q.ty	
	$\phi 5/8''$ (56C)	$\phi 7/8''$ (143/5C)	
	KC40.5.035U	KC40.5.036U	
	Q.ty	Q.ty	

Input motor shaft kit for coupling



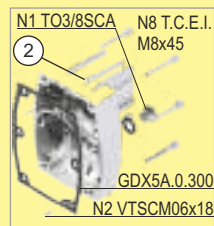
Cod. 21	Q.ty
KC40.5.080	

Coupling



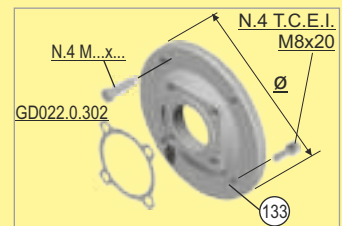
Cod. 275	Q.ty
C40.5.091P $\phi 11\text{mm}$	
C40.5.092P $\phi 14\text{mm}$	
KC40.5.093P $\phi 19\text{mm}$	
KC40.5.094Z $\phi 24\text{mm}$	
KC40.5.096UZ $\phi 0.625''$	
KC40.5.097UZ $\phi 0.875''$	

Input Cover



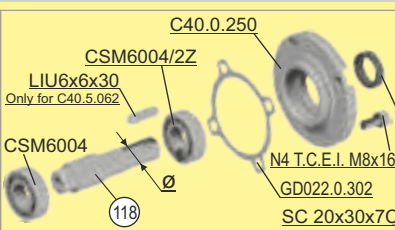
Kits Cod. 2	Q.ty
KX5A.9.051	

Metric Motor Flanges



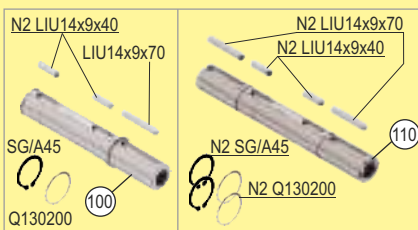
Kits Cod. 133	PAM	Q.ty
K063.4.041 ($\phi 140$)	63B5-90B14	
K063.4.042 ($\phi 160$)	71B5	
K063.4.043 ($\phi 200$)	80-90B5	
K063.4.047 ($\phi 105$)	71B14	
K063.4.046 ($\phi 120$)	80B14	

Input Male Shaft



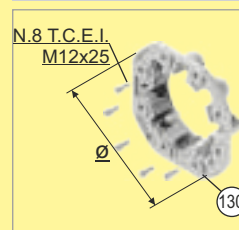
Kits Cod. 118	$\phi 19$	Q.ty
KC40.5.062		

Output Shaft



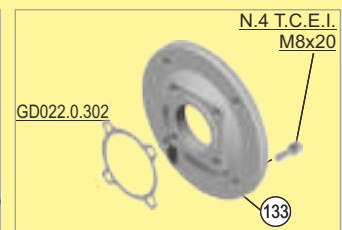
Kits Cod. 100	ϕ	Kits Cod. 110	ϕ	Q.ty
KQ13.5.028	$\phi 45$	KQ13.5.029	$\phi 45$	

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KQ13.9.010	$\phi 290$	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KU063.4.041	$\phi 6.5''$ (143/5TC)	

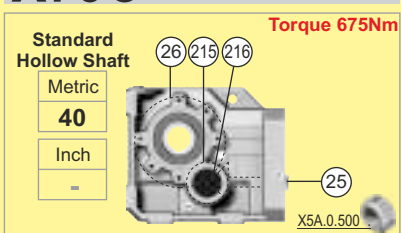
Specific Kits of BEVEL

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 44

BEVEL GEARS HUB $\phi 40\text{mm}$ (675 Nm)

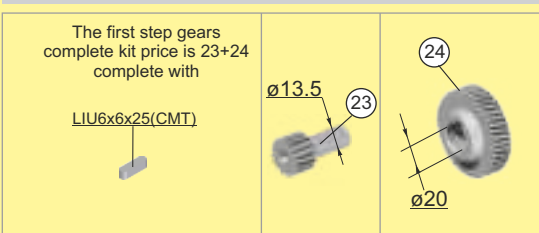
X73C Modular base



Ratio	Mod. Base	25	26	215	216	Q.ty
7.94	X70C0140	18	91	29	24	
9.13	X70C0240	16	93	29	24	
10.66	X70C0340	14	95	29	24	
14.97	X70C0140	18	91	29	24	
17.21	X70C0240	16	93	29	24	
20.24	X70C0140	18	91	29	24	
23.27	X70C0240	16	93	29	24	
26.31	X70C0140	18	91	29	24	
30.25	X70C0240	16	93	29	24	
35.32	X70C0340	14	95	29	24	
37.03	X70C0240	16	93	29	24	
43.23	X70C0340	14	95	29	24	
46.58	X70C0140	18	91	29	24	
53.55	X70C0240	16	93	29	24	
62.52	X70C0340	14	95	29	24	
73.75	X70C0240	16	93	29	24	
86.09	X70C0340	14	95	29	24	

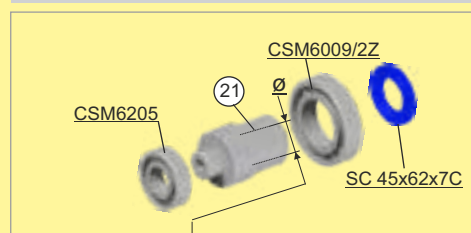
For modular base Metric example: X70C0140 - ϕ hub 40mm

First gear set kit



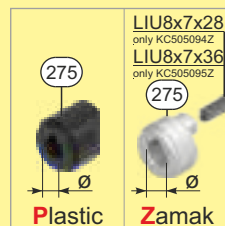
Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-16/53		C50.0.106	C50.0.136
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

Input motor shaft kit



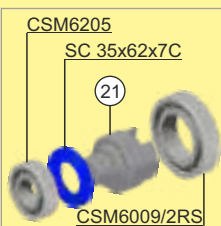
Cod. 21	$\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	
		$\phi 1-1/8"$ (182/4TC)	$\phi 7/8"$ (143/5TC)	
		KC50.5.037U	KC50.5.036U	
		Q.ty	Q.ty	

Coupling



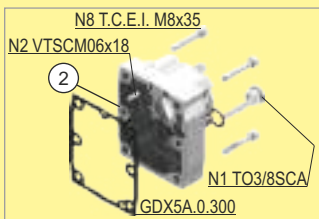
Cod. 275	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

Input motor shaft kit for coupling



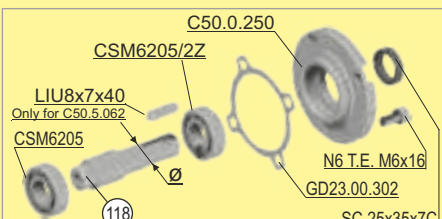
Cod. 21	Q.ty
KC50.5.080	

Input Cover



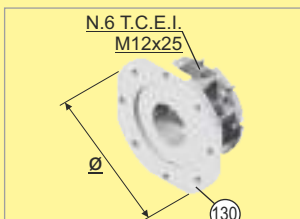
Kits Cod. 2	Q.ty
KX5A.9.050	

Input Male Shaft



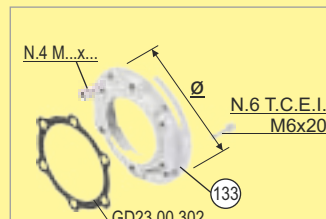
Kits Cod. 118	$\phi 24$	Q.ty
KC50.5.062		

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KX8C.9.010	$\phi 250$	

Metric Motor Flanges



Kits Cod. 133	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

Output Shaft



Kits Cod. 100	ϕ^{100}	Q.ty
KX7C.5.028	$\phi 35$	



Kits Cod. 100	ϕ	Q.ty
KX7C.5.029	$\phi 35$	

Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8

133 C50.4.041 for 132B14	134 N.6 T.C.E.I. M8x25**
133 C50.4.043 for 132B5	135 SC 55x75x10C
21 C50.5.038	170 N.4 T.E. M10x35 for B14
36 CSM6011/2RS	N.4 T.E. M12x45 for B5
37 CSMNJ205	168 Seeger J90

Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)		
KUC085.4.042 $\phi 8.5"$ (182/4TC)		

Specific Kits of BEVEL

Kits in common with bevel, coaxials or worm

NEMA Kits

BEVEL GEARS HUB ϕ 40mm (675 Nm)

X74C Modular base

Standard Hollow Shaft
Metric: **40**
Inch: -

Torque **675Nm**

Labels: 26, 215, 216, 25, X5A.0.500

Middle Gear Set

LIU6x6x25 (CMT)
A15
Only for C50.1.183
SGPS15x21x1
CSM6201
CSM6301
27, 28

Same as coaxial kit except for bearings & spacer.

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)
23, 24, ϕ 9, ϕ 15

Ratio	Mod. Base	25	26	215	216	Q.ty	Kits Cod.	Q.ty	27 Pinion	28 Gear Wheel	Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
74.79	X70C0140	18	91	29	24		KX53A-13/56		C50.1.184	C50.0.132	KC402-19/54		C40.0.105B	C40.0.135B
85.99	X70C0240	16	93	29	24		KX53A-13/56		C50.1.184	C50.0.132	KC402-19/54		C40.0.105B	C40.0.135B
99.66	X70C0240	16	93	29	24		KX53A-13/56		C50.1.184	C50.0.132	KC402-17/56		C40.0.104B	C40.0.134B
116.35	X70C0340	14	95	29	24		KX53A-13/56		C50.1.184	C50.0.132	KC402-17/56		C40.0.104B	C40.0.134B
121.45	X70C0140	18	91	29	24		KX53A-13/56		C50.1.184	C50.0.132	KC402-13/60		C40.0.103B	C40.0.133B
139.64	X70C0240	16	93	29	24		KX53A-13/56		C50.1.184	C50.0.132	KC402-13/60		C40.0.103B	C40.0.133B
152.21	X70C0240	16	93	29	24		KX53A-8/61		C50.1.183	C50.0.131	KC402-19/54		C40.0.105B	C40.0.135B
163.02	X70C0340	14	95	29	24		KX53A-13/56		C50.1.184	C50.0.132	KC402-13/60		C40.0.103B	C40.0.133B
177.69	X70C0340	14	95	29	24		KX53A-8/61		C50.1.183	C50.0.131	KC402-19/54		C40.0.105B	C40.0.135B
205.95	X70C0340	14	95	29	24		KX53A-8/61		C50.1.183	C50.0.131	KC402-17/56		C40.0.104B	C40.0.134B
222.52	X70C0340	14	95	29	24		KX53A-13/56		C50.1.184	C50.0.132	KC402-10/63		C40.0.102B	C40.0.132B
248.76	X70C0240	16	93	29	24		KX53A-13/56		C50.1.184	C50.0.132	KC402-9/74		C40.0.101B	C40.0.131B
290.41	X70C0340	14	95	29	24		KX53A-13/56		C50.1.184	C50.0.132	KC402-9/74		C40.0.101B	C40.0.131B
337.39	X70C0240	16	93	29	24		KX53A-8/61		C50.1.183	C50.0.131	KC402-10/63		C40.0.102B	C40.0.132B
393.88	X70C0340	14	95	29	24		KX53A-8/61		C50.1.183	C50.0.131	KC402-10/63		C40.0.102B	C40.0.132B
440.33	X70C0240	16	93	29	24		KX53A-8/61		C50.1.183	C50.0.131	KC402-9/74		C40.0.101B	C40.0.131B
514.06	X70C0340	14	95	29	24		KX53A-8/61		C50.1.183	C50.0.131	KC402-9/74		C40.0.101B	C40.0.131B
581.44	X70C0240	16	93	29	24		KX53A-8/61		C50.1.183	C50.0.131	KC402-7/76		C40.0.100B	C40.0.130B
678.79	X70C0340	14	95	29	24		KX53A-8/61		C50.1.183	C50.0.131	KC402-7/76		C40.0.100B	C40.0.130B

MAP OF COMPONENTS

Input motor shaft kit

SC 35x47x7C
CSM6007/2Z
CSM6004
21, ϕ

Cod. 21	ϕ 14	ϕ 19	ϕ 24
KC40.5.032	KC40.5.033	KC40.5.034	
Q.ty	Q.ty	Q.ty	
	ϕ 5/8" (56C)	ϕ 7/8" (143/5C)	
	KC40.5.035U	KC40.5.036U	
	Q.ty	Q.ty	

Input motor shaft kit for coupling

CSM6004
SC 30x52x7C
21

Cod. 21	Q.ty
KC40.5.080	

Coupling

LIU6x6x25 only KC405093P
LIU8x7x25 only KC405094Z
275, ϕ

Cod. 275	Q.ty
C40.5.091P ϕ 11mm	
C40.5.092P ϕ 14mm	
KC40.5.093P ϕ 19mm	
KC40.5.094Z ϕ 24mm	
KC40.5.096UZ ϕ 0.625"	
KC40.5.097UZ ϕ 0.875"	

Input Cover

N1 TQ3/8SCA
N8 T.C.E.I. M8x45
2
GDX5A.0.300
N2 VTSCM06x18

Kits Cod. 2	Q.ty
KX5A.9.051	

Metric Motor Flanges

N.4 T.C.E.I. M8x20
N.4 M...x...
GD022.0.302
133

Kits Cod. 133	PAM	Q.ty
K063.4.041 (ϕ 140)	63B5-90B14	
K063.4.042 (ϕ 160)	71B5	
K063.4.043 (ϕ 200)	80-90B5	
K063.4.047 (ϕ 105)	71B14	
K063.4.046 (ϕ 120)	80B14	

Input Male Shaft

C40.0.250
CSM6004/2Z
LIU6x6x30 Only for C40.5.062
CSM6004
N4 T.C.E.I. M8x16
GD022.0.302
SC 20x30x7C
118, ϕ

Kits Cod. 118	ϕ 19	Q.ty
KC40.5.062		

Output Shaft

N.2 LIU 12x08x50
N.1 LIU 10x08x60
100
N.2 LIU 10x08x60
N.2 LIU 12x08x50
110
SGAS40
PS40/50/1.0
N.1 VTBZM14*40
X8C0252

Kits Cod. 100	ϕ	Kits Cod. 110	ϕ	Q.ty
KX7C.5.028	ϕ 35	KX7C.5.029	ϕ 35	

Output Flanges

N.6 T.C.E.I. M12x25
130, ϕ

Kits Cod. 130	ϕ	Q.ty
KX8C.9.010	ϕ 250	

Nema Motor Flanges

N.4 T.C.E.I. M8x20
GD022.0.302
133

Kits Cod. 133	Nema	Q.ty
KU063.4.041	ϕ 6.5" (143/5TC)	

Specific Kits of BEVEL

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 46

BEVEL GEARS HUB $\phi 40\text{mm}$ (1000 Nm)

X83C Modular base

Torque 1000Nm

Standard Hollow Shaft

Metric	40
Inch	-

26 215 216 25 X5A.0.500

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU6x6x25 (CMT)

$\phi 13.5$ 23 24 $\phi 20$

Input motor shaft kit

CSM6009/2Z ϕ 21 CSM6205 SC 45x62x7C

Ratio	Mod.	Base	25	26	215	216	Q.ty
9.69	X80C0140	18	111	29	24		
11.09	X80C0240	16	113	29	24		
12.90	X80C0340	14	115	29	24		
18.26	X80C0140	18	111	29	24		
20.91	X80C0240	16	113	29	24		
24.32	X80C0340	14	115	29	24		
28.27	X80C0240	16	113	29	24		
32.88	X80C0340	14	115	29	24		
36.76	X80C0240	16	113	29	24		
42.76	X80C0340	14	115	29	24		
45.00	X80C0240	16	113	29	24		
52.33	X80C0340	14	115	29	24		
56.82	X80C0140	18	111	29	24		
65.07	X80C0240	16	113	29	24		
75.68	X80C0340	14	115	29	24		
89.61	X80C0240	16	113	29	24		
104.22	X80C0340	14	115	29	24		

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-16/53		C50.0.106	C50.0.136
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

Cod. 21 $\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U
Q.ty	Q.ty	Q.ty	Q.ty
		$\phi 1-1/8"$ (182/4TC)	$\phi 7/8"$ (143/5TC)
		KC50.5.037U	KC50.5.036U
		Q.ty	Q.ty

Coupling

275 Plastic Zamak

Cod. 275	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

Input motor shaft kit for coupling

CSM6205 SC 35x62x7C 21 CSM6009/2RS

Cod. 21	Q.ty
KC50.5.080	

For modular base Metric example: X80C0140 - ϕ hub 40mm

Input Cover

N8 T.C.E.I. M8x35 N2 VTSCM06x18 N1 TO3/8SCA GDX5A.0.300

Kits Cod. 2	Q.ty
KX5A.9.050	

Input Male Shaft

C50.0.250 CSM6205/2Z LIU8x7x40 N6 T.E. M6x16 GD23.00.302 SC 25x35x7C

Kits Cod. 118 $\phi 24$	Q.ty
KC50.5.062	

Output Flanges

N.6 T.C.E.I. M12x25 130

Kits Cod. 130	ϕ	Q.ty
KX8C.9.010	$\phi 250$	

Metric Motor Flanges

N.4 M...x... N.6 T.C.E.I. M6x20 GD23.00.302 133

Kits Cod. 133	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

Output Shaft

N.1 VTBZM14*40 N.2 LIU 12x08x40 N.1 LIU 12x08x70 X8C0252 100 SGAS40 N.2 LIU 12x08x70 N.2 LIU 12x08x50 PS40/50/1.0 110

Kits Cod. 100	ϕ	Q.ty
KX8C.5.028	$\phi 40$	

Kits Cod. 100	ϕ	Q.ty
KX8C.5.029	$\phi 40$	

Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8

133 C50.4.041 for 132B14 134 N.6 T.C.E.I. M8x25** 135 SC 55x75x10C 21 C50.5.038 170 N.4 T.E. M10x35 for B14 N.4 T.E. M12x45 for B5 36 CSM6011/2RS 37 CSMNJ205 168 Seeger J90

Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

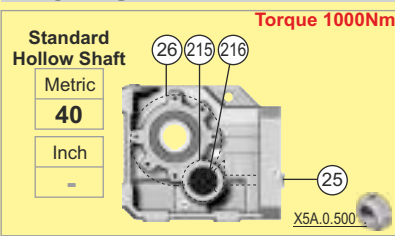
Nema Motor Flanges

N.6 T.C.E.I. M6x20 GD23.00.302 133

Kits Cod. 133	Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)		
KUC085.4.042 $\phi 8.5"$ (182/4TC)		

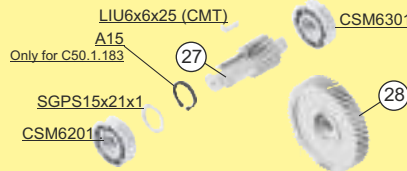
BEVEL GEARS HUB $\phi 40\text{mm}$ (1000 Nm)

X84C Modular base



Ratio	Mod. Base	25	26	215	216	Q.ty
91.23	X80C0140	18	111	29	24	
104.48	X80C0240	16	113	29	24	
121.10	X80C0240	16	113	29	24	
140.84	X80C0340	14	115	29	24	
165.32	X80C0340	14	115	29	24	
184.94	X80C0240	16	113	29	24	
197.34	X80C0340	14	115	29	24	
215.10	X80C0340	14	115	29	24	
231.60	X80C0240	16	113	29	24	
249.31	X80C0340	14	115	29	24	
269.37	X80C0340	14	115	29	24	
292.64	X80C0340	14	115	29	24	
302.26	X80C0240	16	113	29	24	
349.30	X80C0340	14	115	29	24	
399.12	X80C0240	16	113	29	24	
476.80	X80C0340	14	115	29	24	
622.28	X80C0340	14	115	29	24	
821.70	X80C0340	14	115	29	24	

Middle Gear Set



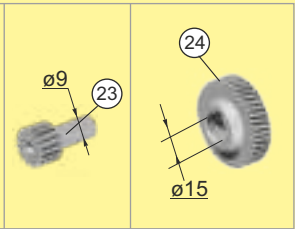
Same as coaxial kit except for bearings & spacer.

Kits Cod.	Q.ty	27 Pinion	28 Gear Wheel
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131
KX53A-8/61		C50.1.183	C50.0.131

First gear set kit

The first step gears complete kit price is 23+24 complete with

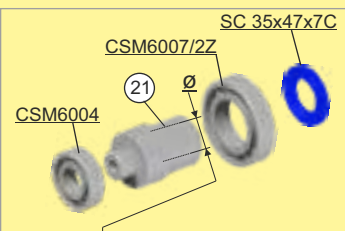
LIU5x5x18(CMT)



Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-19/54		C40.0.105B	C40.0.135B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B

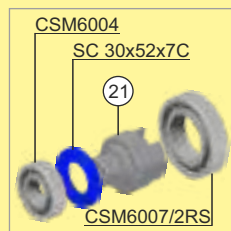
MAP OF COMPONENTS

Input motor shaft kit



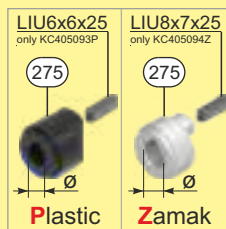
Cod. 21	$\phi 14$	$\phi 19$	$\phi 24$
KC40.5.032	KC40.5.033	KC40.5.034	
Q.ty	Q.ty	Q.ty	
	$\phi 5/8''$ (56C)	$\phi 7/8''$ (143/5C)	
	KC40.5.035U	KC40.5.036U	
	Q.ty	Q.ty	

Input motor shaft kit for coupling



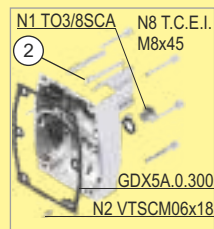
Cod. 21	Q.ty
KC40.5.080	

Coupling



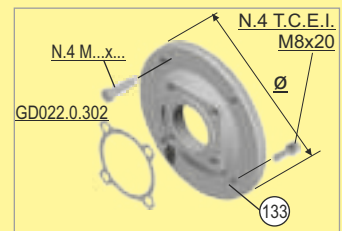
Cod. 275	Q.ty
C40.5.091P $\phi 11\text{mm}$	
C40.5.092P $\phi 14\text{mm}$	
KC40.5.093P $\phi 19\text{mm}$	
KC40.5.094Z $\phi 24\text{mm}$	
KC40.5.096UZ $\phi 0.625''$	
KC40.5.097UZ $\phi 0.875''$	

Input Cover



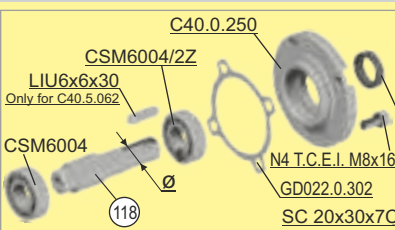
Kits Cod. 2	Q.ty
KX5A.9.051	

Metric Motor Flanges



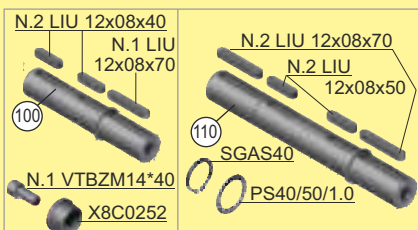
Kits Cod. 133	PAM	Q.ty
K063.4.041 ($\phi 140$)	63B5-90B14	
K063.4.042 ($\phi 160$)	71B5	
K063.4.043 ($\phi 200$)	80-90B5	
K063.4.047 ($\phi 105$)	71B14	
K063.4.046 ($\phi 120$)	80B14	

Input Male Shaft



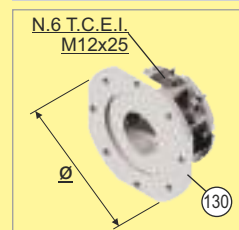
Kits Cod. 118	$\phi 19$	Q.ty
KC40.5.062		

Output Shaft



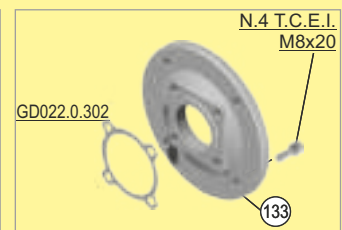
Kits Cod. 100	ϕ	Kits Cod. 110	ϕ	Q.ty
KX8C.5.028	$\phi 40$	KX8C.5.029	$\phi 40$	

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KX8C.9.010	$\phi 250$	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KU063.4.041	$\phi 6.5''$ (143/5TC)	

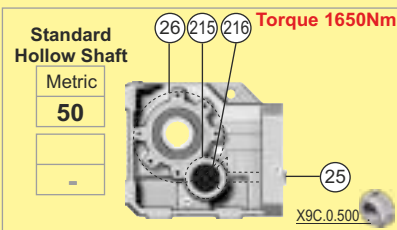
Specific Kits of BEVEL

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 48

BEVEL GEARS HUB $\phi 50\text{mm}$ (1600 Nm)

X93C Modular Base

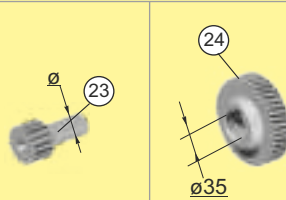


Ratio	Mod. Base	25	26	215	216	Q.ty
5.94	X90C0350	15	51	29	39	
7.13	X90C0150	13	53	29	39	
8.58	X90C0250	11	54	29	39	
11.20	X90C0350	15	51	29	39	
13.43	X90C0150	13	53	29	39	
15.15	X90C0350	15	51	29	39	
16.17	X90C0250	11	54	29	39	
18.16	X90C0150	13	53	29	39	
19.70	X90C0350	15	51	29	39	
21.87	X90C0250	11	54	29	39	
23.62	X90C0150	13	53	29	39	
28.91	X90C0150	13	53	29	39	
34.81	X90C0250	11	54	29	39	
41.81	X90C0150	13	53	29	39	
50.34	X90C0250	11	54	29	39	

First gear set kit

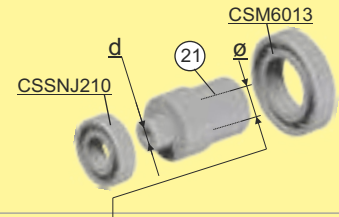
The first step gears complete kit price is 23+24 complete with

LIQ10x8x28(CMT)



Kit Code	Q.ty	23 Pinion	ϕ	24 Wheel
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-13/56		C90.0.103	$\phi 25$	C90.0.133
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-13/56		C90.0.103	$\phi 25$	C90.0.133
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-8/61		C90.0.101	$\phi 25$	C90.0.131
KC902-8/61		C90.0.101	$\phi 25$	C90.0.131

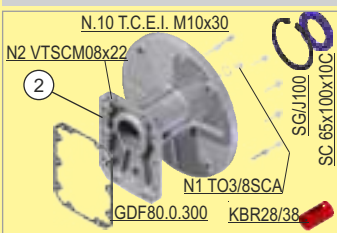
Input motor shaft kit



Cod. 21	d=25 - $\phi 38$	d=25 - $\phi 42$	d=25 - $\phi 48$
KC90.5.034	KC90.5.035	KC90.5.036	
Q.tà	Q.tà	Q.tà	Q.tà

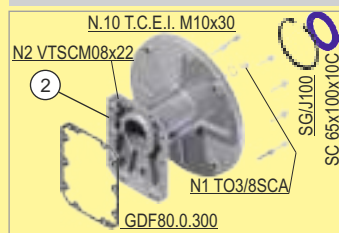
For modular base Metric example: X90C0150 \rightarrow ϕ hub 50mm

Input Cover



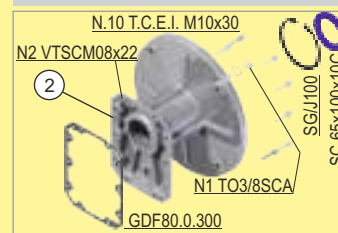
Kits Cod. 2	Q.ty
KF80.9.052 for PAM 100/112	

Input Cover



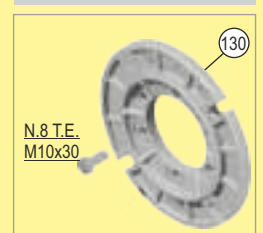
Kit Code 2	Q.ty
KF80.9.053 for IEC 132	

Input Cover



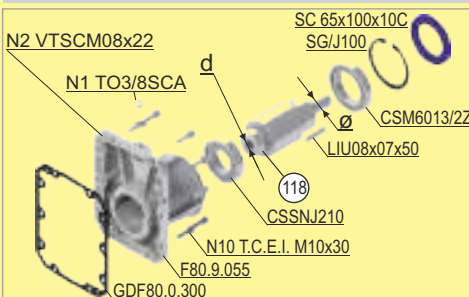
Kit Code 2	Q.ty
KF80.9.054 for IEC 160/180	

Output Flange



Kit Code 130	ϕ	Q.ty
K11C.9.010	$\phi 260$	
K11C.9.011	$\phi 260$	

Input Male Shaft



Kit Code 118	d=25 - $\phi 28$	Q.ty
KC85.5.063		

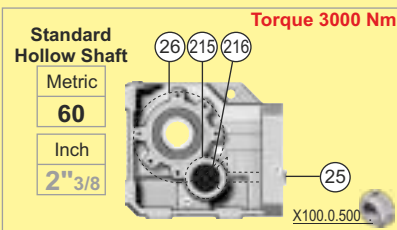
Specific Kits of BEVEL

Kits in common with bevel, coaxials or worm

NEMA Kits

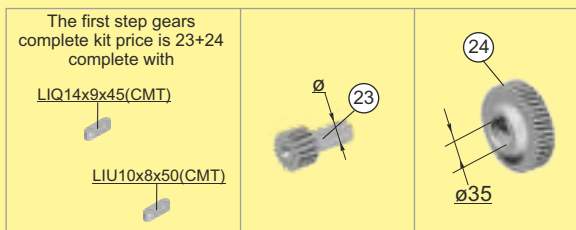
BEVEL GEARS HUB $\phi 60\text{mm}$ (3000 Nm)

X103 Modular Base



Ratio	Mod. Base	25	26	215	216	Q.ty
6.39	X1000360	14	59	29	39	
7.00	X1000260	13	60	29	39	
8.55	X1000160	11	62	29	39	
10.01	X1000360	14	59	29	39	
10.97	X1000260	13	60	29	39	
13.39	X1000160	11	62	29	39	
15.71	X1000360	14	59	29	39	
17.21	X1000260	13	60	29	39	
21.02	X1000160	11	62	29	39	
23.73	X1000360	14	59	29	39	
25.99	X1000260	13	60	29	39	
27.93	X1000360	14	59	29	39	
30.59	X1000260	13	60	29	39	
31.74	X1000160	11	62	29	39	
37.36	X1000160	11	62	29	39	
41.37	X1000360	14	59	29	39	
45.31	X1000260	13	60	29	39	
55.33	X1000160	11	62	29	39	

First gear set kit



Kit Code	Q.ty	23 Pinion	ø	24 Wheel
K1102-39/44		C110.0.106	ø35	C110.0.136
K1102-39/44		C110.0.106	ø35	C110.0.136
K1102-39/44		C110.0.106	ø35	C110.0.136
K1102-30/53		C110.0.105	ø35	C110.0.135
K1102-30/53		C110.0.105	ø35	C110.0.135
K1102-30/53		C110.0.105	ø35	C110.0.135
K1102-22/61		C110.0.104	ø35	C110.0.134
K1102-22/61		C110.0.104	ø35	C110.0.134
K1102-22/61		C110.0.104	ø35	C110.0.134
K1102-16/67		C110.0.103	ø35	C110.0.133
K1102-16/67		C110.0.103	ø35	C110.0.133
K1102-14/69		C110.0.102	ø35	C110.0.132
K1102-14/69		C110.0.102	ø35	C110.0.132
K1102-14/69		C110.0.102	ø35	C110.0.132
K1102-16/67		C110.0.103	ø35	C110.0.133
K1102-14/69		C110.0.102	ø35	C110.0.132
K1102-10/73		C110.0.101	ø35	C110.0.131
K1102-10/73		C110.0.101	ø35	C110.0.131
K1102-10/73		C110.0.101	ø35	C110.0.131

For modular base Metric example: X1000160 → ϕ hub 60mm

Input Cover



Kits Cod. 2	Q.ty
KC110.9.052 for PAM 132	

Input Cover



Kits Cod. 2	Q.ty
KC110.9.053 for PAM 160	

Input Cover



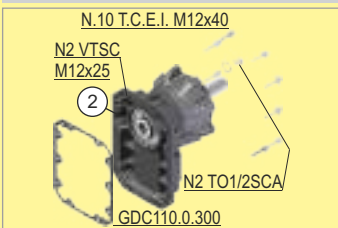
Kits Cod. 2	Q.ty
KC110.9.053_B for PAM 180	

Input Cover



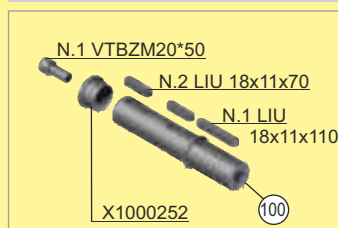
Kits Cod. 2	Q.ty
KC110.9.054 for PAM 200	

Input Male Shaft



Kits Cod. 2	ø42	Q.ty
KC110.9.062		

Output Shaft



Kit Code 100	ø	Q.ty
KX100.5.028	ø60	

Output Shaft



Kit Code 101	ø	Q.ty
KX100.5.029	ø60	

Output Flange



Kit Code 130	ø	Q.ty
KX100.9.010	ø350	

BEVEL GEARS HUB ø60mm (3000 Nm)

X104 Modular Base

Torque 3000 Nm

Standard Hollow Shaft

Metric	60
Inch	2"3/8

X100.0.500

Middle Gear Set

First gear set kit

The first step gears complete kit price is 23+24 complete with

Ratio	Mod. Base	25	26	215	216	Q.ty
48.57	X1000160	11	62	29	39	
68.43	X1000360	14	59	29	39	
74.95	X1000260	13	60	29	39	
92.53	X1000360	14	59	29	39	
101.33	X1000260	13	60	29	39	
120.33	X1000360	14	59	29	39	
123.75	X1000160	11	62	29	39	
131.78	X1000260	13	60	29	39	
147.28	X1000360	14	59	29	39	
161.30	X1000260	13	60	29	39	
196.98	X1000160	11	62	29	39	
212.99	X1000360	14	59	29	39	
233.26	X1000260	13	60	29	39	
284.86	X1000160	11	62	29	39	

Kit Code	Q.ty	27 Pinion	28 Wheel
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132

Kit Code	Q.ty	23 Pinion	24 Wheel
KC902-30/39		C90.0.106	C90.0.136
KC902-20/49		C90.0.105	C90.0.135
KC902-20/49		C90.0.105	C90.0.135
KC902-16/53		C90.0.104	C90.0.134
KC902-16/53		C90.0.104	C90.0.134
KC902-13/56		C90.0.103	C90.0.133
KC902-16/53		C90.0.104	C90.0.134
KC902-13/56		C90.0.103	C90.0.133
KC902-11/58		C90.0.102	C90.0.132
KC902-11/58		C90.0.102	C90.0.132
KC902-11/58		C90.0.102	C90.0.132
KC902-8/61		C90.0.101	C90.0.131
KC902-8/61		C90.0.101	C90.0.131
KC902-8/61		C90.0.101	C90.0.131

Input Cover

Kits Cod. 2	Q.ty
KC110.9.056 for PAM 100/112	

Input Cover

Kits Cod. 2	Q.ty
KC110.9.057 for PAM 132	

Input Male Shaft

Kits Cod. 2 ø28	Q.ty
KC110.9.061	

Output Shaft

Kit Code 100	ø	Q.ty
KX100.5.028	ø60	

Output Shaft

Kit Code 101	ø	Q.ty
KX100.5.029	ø60	

Output Flange

Kit Code 130	ø	Q.ty
KX100.9.010	ø350	

MAP OF COMPONENTS

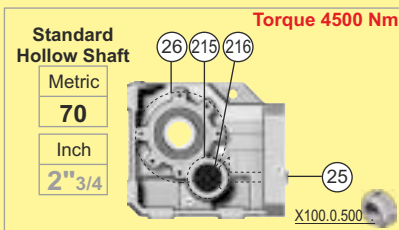
Specific Kits of BEVEL

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 52

BEVEL GEARS HUB $\phi 70\text{mm}$ (4500 Nm)

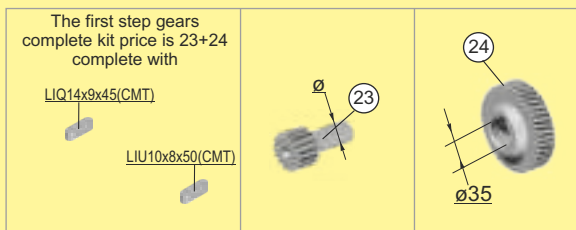
X113 Modular Base



Ratio	Mod. Base	25	26	215	216	Q.ty
6.39	X1100370	14	59	29	39	
7.00	X1100270	13	60	29	39	
8.55	X1100170	11	62	29	39	
10.01	X1100370	14	59	29	39	
10.97	X1100270	13	60	29	39	
13.39	X1100170	11	62	29	39	
15.71	X1100370	14	59	29	39	
17.21	X1100270	13	60	29	39	
21.02	X1100170	11	62	29	39	
23.73	X1100370	14	59	29	39	
25.99	X1100270	13	60	29	39	
27.93	X1100370	14	59	29	39	
30.59	X1100270	13	60	29	39	
31.74	X1100170	11	62	29	39	
37.36	X1100170	11	62	29	39	
41.37	X1100370	14	59	29	39	
45.31	X1100270	13	60	29	39	
55.33	X1100170	11	62	29	39	

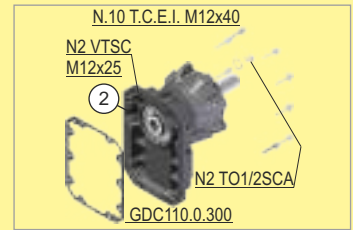
For modular base Metric example: X1100170 → ϕ hub 70mm

First gear set kit



Kit Code	Q.ty	23 Pinion	ϕ	24 Wheel
K1102-39/44		C110.0.106	$\phi 35$	C110.0.136
K1102-39/44		C110.0.106	$\phi 35$	C110.0.136
K1102-39/44		C110.0.106	$\phi 35$	C110.0.136
K1102-30/53		C110.0.105	$\phi 35$	C110.0.135
K1102-30/53		C110.0.105	$\phi 35$	C110.0.135
K1102-30/53		C110.0.105	$\phi 35$	C110.0.135
K1102-22/61		C110.0.104	$\phi 35$	C110.0.134
K1102-22/61		C110.0.104	$\phi 35$	C110.0.134
K1102-22/61		C110.0.104	$\phi 35$	C110.0.134
K1102-16/67		C110.0.103	$\phi 35$	C110.0.133
K1102-16/67		C110.0.103	$\phi 35$	C110.0.133
K1102-14/69		C110.0.102	$\phi 35$	C110.0.132
K1102-14/69		C110.0.102	$\phi 35$	C110.0.132
K1102-14/69		C110.0.102	$\phi 35$	C110.0.132
K1102-16/67		C110.0.103	$\phi 35$	C110.0.133
K1102-14/69		C110.0.102	$\phi 35$	C110.0.132
K1102-10/73		C110.0.101	$\phi 35$	C110.0.131
K1102-10/73		C110.0.101	$\phi 35$	C110.0.131
K1102-10/73		C110.0.101	$\phi 35$	C110.0.131

Input Male Shaft



Kits Cod.	2 $\phi 42$	Q.ty
KC110.9.062		

Input Cover



Kits Cod.	2	Q.ty
KC110.9.052 for PAM 132		

Input Cover



Kits Cod.	2	Q.ty
KC110.9.053 for PAM 160		

Input Cover



Kits Cod.	2	Q.ty
KC110.9.053_B for PAM 180		

Input Cover



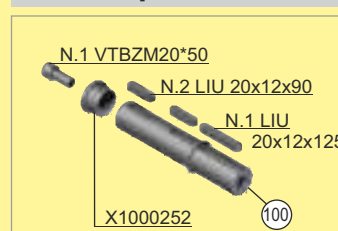
Kits Cod.	2	Q.ty
KC110.9.054 for PAM 200		

Input Cover



Kits Cod.	2	Q.ty
KC110.9.055 for PAM 225		

Output Shaft



Kit Code	100	ϕ	Q.ty
KX110.5.028		$\phi 70$	

Output Shaft



Kit Code	101	ϕ	Q.ty
KX110.5.029		$\phi 70$	

Output Flange

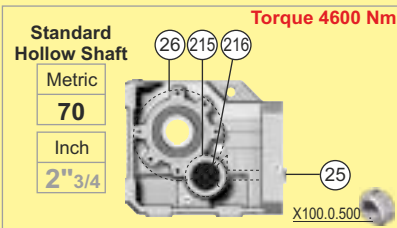


Kit Code	130	ϕ	Q.ty
KX110.9.010		$\phi 450$	

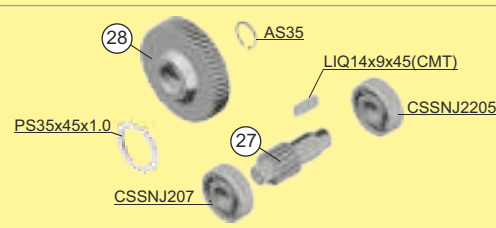
BEVEL GEARS HUB $\varnothing 70\text{mm}$ (4600 Nm)

X114

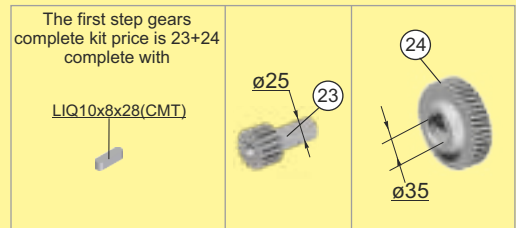
Modular Base



Middle Gear Set



First gear set kit



Ratio	Mod. Base	25	26	215	216	Q.ty
48.57	X1100170	11	62	29	39	
68.43	X1100370	14	59	29	39	
74.95	X1100270	13	60	29	39	
92.53	X1100370	14	59	29	39	
101.33	X1100270	13	60	29	39	
120.33	X1100370	14	59	29	39	
123.75	X1100170	11	62	29	39	
131.78	X1100270	13	60	29	39	
147.28	X1100370	14	59	29	39	
161.30	X1100270	13	60	29	39	
196.98	X1100170	11	62	29	39	
212.99	X1100370	14	59	29	39	
233.26	X1100270	13	60	29	39	
284.86	X1100170	11	62	29	39	

Kit Code	Q.ty	27 Pinion	28 Wheel
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132
K1103-14/69		C110.1.182	C110.0.132

Kit Code	Q.ty	23 Pinion	24 Wheel
KC902-30/39		C90.0.106	C90.0.136
KC902-20/49		C90.0.105	C90.0.135
KC902-20/49		C90.0.105	C90.0.135
KC902-16/53		C90.0.104	C90.0.134
KC902-16/53		C90.0.104	C90.0.134
KC902-13/56		C90.0.103	C90.0.133
KC902-16/53		C90.0.104	C90.0.134
KC902-13/56		C90.0.103	C90.0.133
KC902-11/58		C90.0.102	C90.0.132
KC902-11/58		C90.0.102	C90.0.132
KC902-11/58		C90.0.102	C90.0.132
KC902-8/61		C90.0.101	C90.0.131
KC902-8/61		C90.0.101	C90.0.131
KC902-8/61		C90.0.101	C90.0.131

MAP OF COMPONENTS

Input Cover

Kits Cod. 2	Q.ty
KC110.9.056 for PAM 100/112	

Input Cover

Kits Cod. 2	Q.ty
KC110.9.057 for PAM 132	

Input Cover

Kits Cod. 2	Q.ty
KC110.9.058 for PAM 160	

Input Male Shaft

Kits Cod. 2 $\varnothing 28$	Q.ty
KC110.9.061	

Output Shaft

Kit Code 100	\varnothing	Q.ty
KX110.5.028	$\varnothing 70$	

Output Shaft

Kit Code 101	\varnothing	Q.ty
KX110.5.029	$\varnothing 70$	

Output Flange

Kit Code 130	\varnothing	Q.ty
KX110.9.010	$\varnothing 450$	

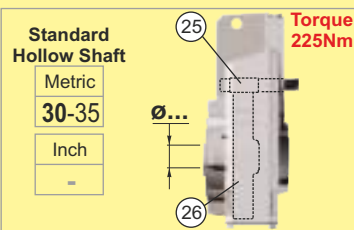
Specific Kits of BEVEL

Kits in common with bevel, coaxials or worm

NEMA Kits
 pag. 54

SHAFT MOUNTED HUB ϕ 30mm (225 Nm)

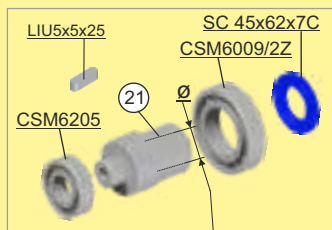
FA41 Modular base



Ratio	Mod. Base	(26)	(25)	Q.ty
2.91	FA400530	99	34	
3.75	FA400430	105	28	
5.33	FA400330*	112	21	
6.39	FA400230*	115	18	
7.85	FA400130*	102	13	

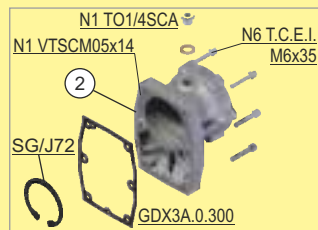
*Same modular base of the shaft mounted → For modular base **Metric** example: FA4001(30) → ϕ hollow shaft 30mm

Input motor shaft kit



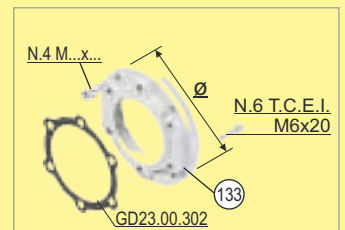
Kits Cod. (21)	ϕ 28	Q.ty
KC50C.5.039		

Input Cover



Kits Cod. (2)	Q.ty
KC50C.9.052	

Metric Motor Flanges

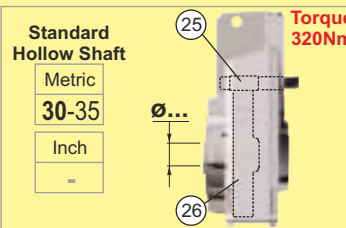


Kits Cod. (133)	PAM	Q.ty
KC023.4.042 (ϕ 200)	80-90B5	
KC023.4.043* (ϕ 250)	100/112B5	
KC085.4.046 (ϕ 120)	80B14	
KC085.4.045 (ϕ 140)	90B14	
KC085.4.047 (ϕ 160)	100B14	

*For KC023.4.043, screws N.6 T.E. M6x25

SHAFT MOUNTED HUB $\phi 30\text{mm}$ (320 Nm)

FA42 Modular base



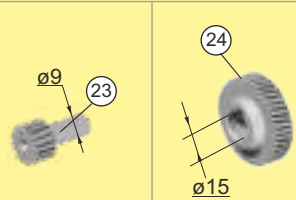
Ratio	Mod. Base	26	25	Q.ty
8.38	FA400330	112	21	
10.04	FA400230	115	18	
12.33	FA400130	102	13	
15.16	FA400330	112	21	
17.57	FA400330	112	21	
18.16	FA400230	115	18	
21.05	FA400230	115	18	
22.30	FA400130	102	13	
24.70	FA400230	115	18	
25.85	FA400130	102	13	
29.49	FA400230	115	18	
30.34	FA400130	102	13	
33.60	FA400330	112	21	
36.21	FA400130	102	13	
40.25	FA400230	115	18	
49.43	FA400130	102	13	
52.53	FA400230	115	18	
64.51	FA400130	102	13	
69.37	FA400230	115	18	
85.19	FA400130	102	13	

For modular base Metric example: FA400130 → ϕ shaft 30mm

First gear set kit

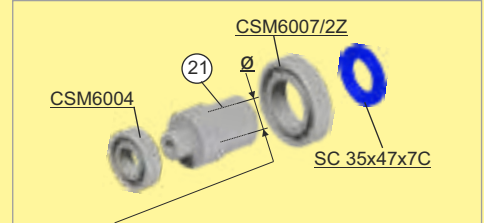
The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)



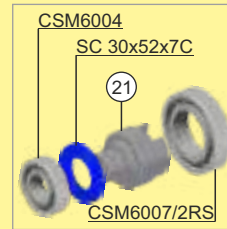
Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-28/44		C40.0.129B	C40.0.139B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-28/44		C40.0.129B	C40.0.139B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B

Input motor shaft kit



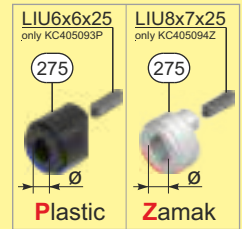
Cod. 21	$\phi 19$	$\phi 24$	$\phi 5/8''$ (56C)
KC40.5.032	KC40.5.033	KC40.5.034	KC40.5.035U
Q.ty	Q.ty	Q.ty	Q.ty
			$\phi 7/8''$ (143/5C)
			KC40.5.036U
			Q.ty

Input motor shaft kit for coupling



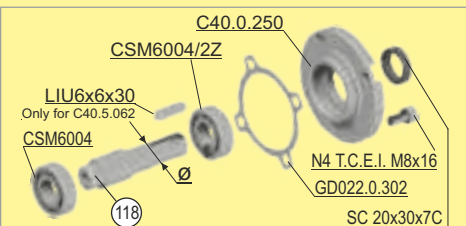
Cod. 21	Q.ty
KC40.5.080	

Coupling



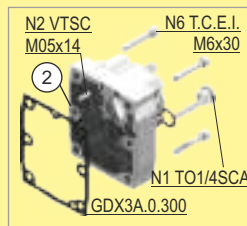
Cod. 275	Q.ty
C40.5.091P	$\phi 11\text{mm}$
C40.5.092P	$\phi 14\text{mm}$
KC40.5.093P	$\phi 19\text{mm}$
KC40.5.094Z	$\phi 24\text{mm}$
KC40.5.096UZ	$\phi 0.625''$
KC40.5.097UZ	$\phi 0.875''$

Input Male Shaft



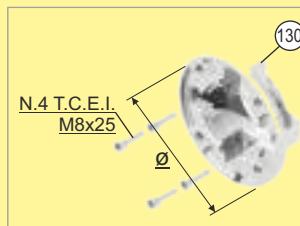
Kits Cod. 118	$\phi 19$	Q.ty
KC40.5.062		

Input Cover



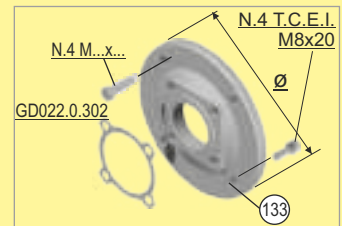
Kits Cod. 2	Q.ty
KX3A.9.050	

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KX5A.9.010	$\phi 160$	
KX5A.9.011	$\phi 200$	
KX5A.9.012	$\phi 250$	

Metric Motor Flanges



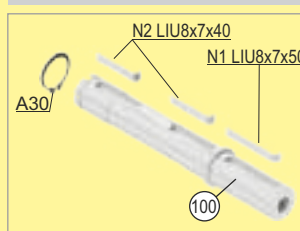
Kits Cod. 133	PAM	Q.ty
K063.4.041 ($\phi 140$)	63B5-90B14	
K063.4.042 ($\phi 160$)	71B5	
K063.4.043 ($\phi 200$)	80-90B5	
K063.4.047 ($\phi 105$)	71B14	
K063.4.046 ($\phi 120$)	80B14	

Motor Flanges IEC 100-112B5

Ratio	Kits Cod.
1/8.38	KC40.4.043/1
1/10.04	KC40.4.043/1
1/12.33	KC40.4.043/1
1/15.16	KC40.4.043/2
1/17.57	KC40.4.043/3
1/18.16	KC40.4.043/2
1/21.05	KC40.4.043/3
1/22.30	KC40.4.043/2

These Kits are supplied with specific pinion required by the ratio, as 23 have a different (bigger) ϕ than normal types.

Output Shaft



Kits Cod. 100	ϕ	Q.ty
KX5A.5.028	$\phi 30$	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KU063.4.041	$\phi 6.5''$ (143/5TC)	

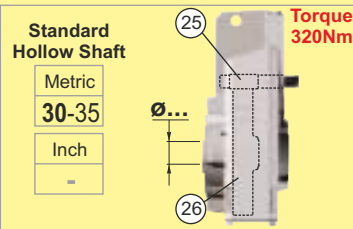
Specific Kits of FLACH

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 56

SHAFT MOUNTED HUB $\phi 30\text{mm}$ (320 Nm)

FA43 Modular base

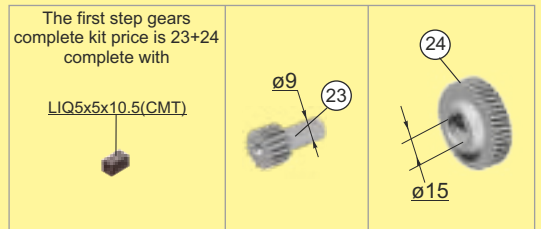


Middle Gear Set



Same as coaxial kit except for bearings & spacer.

First gear set kit



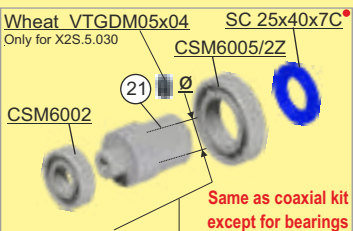
Ratio	Mod. Base	26	25	Q.ty
74.33	FA400130	102	13	
82.56	FA400230	115	18	
87.48	FA400130	102	13	
101.40	FA400130	102	13	
122.57	FA400130	102	13	
138.59	FA400230	115	18	
160.82	FA400130	102	13	
170.20	FA400130	102	13	
183.48	FA400230	115	18	
214.15	FA400130	102	13	
225.33	FA400130	102	13	
244.32	FA400230	115	18	
254.15	FA400130	102	13	
289.96	FA400230	115	18	
300.05	FA400130	102	13	
356.09	FA400130	102	13	

Kits Cod.	Q.ty	27 Pinion	28 Gear Wheel
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-17/56		C40.1.184	C40.0.134
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-17/56		C40.1.184	C40.0.134
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-17/56		C40.1.184	C40.0.134
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-17/56		C40.1.184	C40.0.134
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133
KX43A-13/60		C40.1.183	C40.0.133

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KX22S-19/39		C40.0.105B	X2A.0.135
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-13/44		C40.0.103B	X2A.0.133
KX22S-15/42		C40.0.106B	X2A.0.136
KX22S-13/44		C40.0.103B	X2A.0.133
KX22S-10/47		C40.0.102B	X2A.0.132
KX22S-9/56		C40.0.101B	X2A.0.131
KX22S-10/47		C40.0.102B	X2A.0.132
KX22S-9/56		C40.0.101B	X2A.0.131
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-9/56		C40.0.101B	X2A.0.141
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-6/59		X2A.0.110	X2A.0.140
KX22S-6/59		X2A.0.110	X2A.0.140
KX22S-7/58		C40.0.100B	X2A.0.130
KX22S-6/59		X2A.0.110	X2A.0.140
KX22S-6/59		X2A.0.110	X2A.0.140

Same as bevel kit except for spacer SS15x21x1.5 is provided but not needed for installation.

Input motor shaft kit

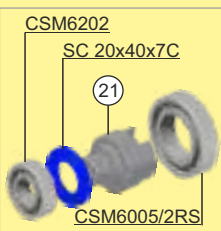


Same as coaxial kit except for bearings

Cod. 21	$\phi 9$	$\phi 11$	$\phi 14$
KX2S.5.030	KX2S.5.031	KX2S.5.032	
Q.ty	Q.ty	Q.ty	Q.ty
			$\phi 5/8''$ (56C)
			KX2S.5.035U
			Q.ty

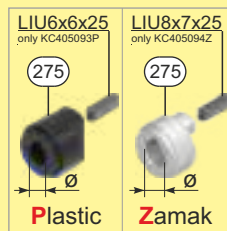
* For KX2S.5.31, oil seal 020x040x07C
For KX2S.5.30, oil seal 015x040x07C
For KX2S.5.35U, oil seal 025x040x07C

Input motor shaft kit for coupling



Cod. 21	Q.ty
KC35.5.080	

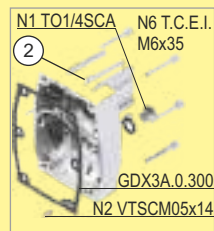
Coupling



Plastic Zamak

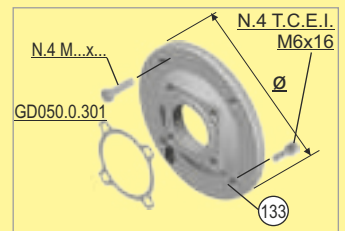
Cod. 275	Q.ty
C35.5.090P $\phi 9\text{mm}$	
C35.5.091P $\phi 11\text{mm}$	
KC35.5.092P $\phi 14\text{mm}$	
KC35.5.096UZ $\phi 0.625''$	

Input Cover



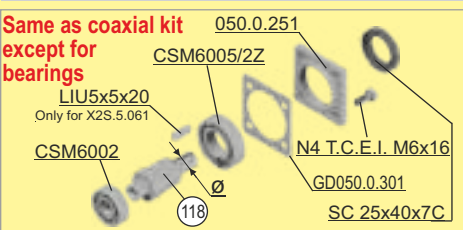
Kits Cod. 2	Q.ty
KX3A.9.051	

Metric Motor Flanges



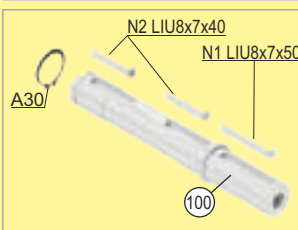
Kits Cod. 133	PAM	Q.ty
K050.4.041 ($\phi 140$)	63B5	
K050.4.042 ($\phi 160$)	71B5	
KC40.4.049 ($\phi 80$)	56B14	
K050.4.047 ($\phi 90$)	63B14	
K050.4.045 ($\phi 105$)	71B14	

Input Male Shaft



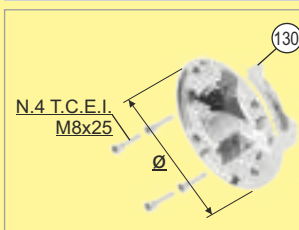
Kits Cod. 118	$\phi 14$	Q.ty
KX2S.5.061		

Output Shaft



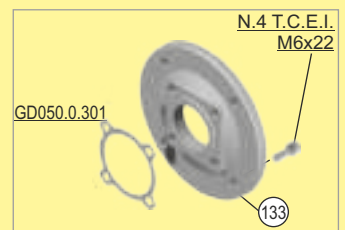
Kits Cod. 100	ϕ	Q.ty
KX5A.5.028	$\phi 30$	

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KX5A.9.010	$\phi 160$	
KX5A.9.011	$\phi 200$	
KX5A.9.012	$\phi 250$	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KU050.4.041	$\phi 6.5''$ (56C)	

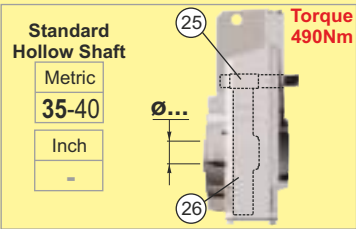
Specific Kits of FLACH

Kits in common with bevel, coaxials or worm

NEMA Kits

SHAFT MOUNTED HUB $\phi 35\text{mm}$ (490 Nm)

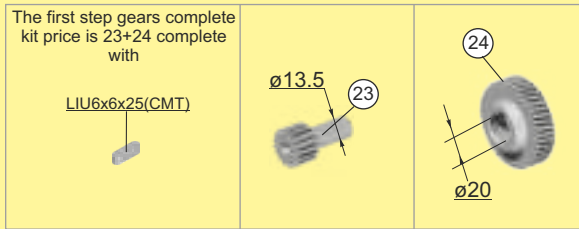
FA52 Modular base



Ratio	Mod. Base	26	25	Q.ty
6.57	FA500335	91	18	
7.56	FA500235	93	16	
8.82	FA500135	95	14	
12.39	FA500335	91	18	
14.24	FA500235	93	16	
16.75	FA500335	91	18	
19.25	FA500235	93	16	
21.78	FA500335	91	18	
25.04	FA500235	93	16	
29.23	FA500135	95	14	
30.65	FA500235	93	16	
35.78	FA500135	95	14	
38.55	FA500335	91	18	
44.32	FA500235	93	16	
51.74	FA500135	95	14	
61.03	FA500235	93	16	
71.25	FA500135	95	14	

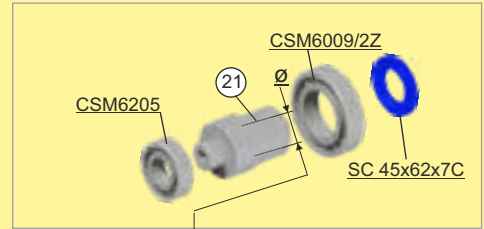
For modular base **Metric** example: FA500135 \rightarrow ϕ shaft 35mm

First gear set kit



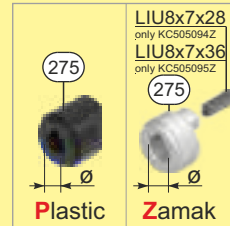
Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-16/53		C50.0.106	C50.0.136
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

Input motor shaft kit



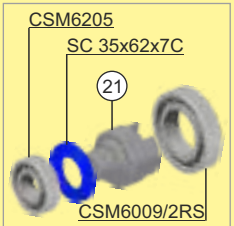
Cod. 21	28	24	19	5/8" (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	
		$\phi 1-1/8"$ (182/4TC)		$\phi 7/8"$ (143/5TC)
		KC50.5.037U	KC50.5.036U	
		Q.ty	Q.ty	

Coupling



Cod. 275	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

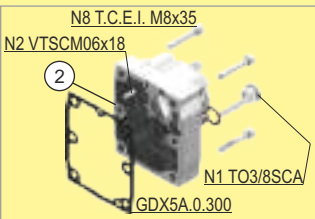
Input motor shaft kit for coupling



Cod. 21	Q.ty
KC50.5.080	

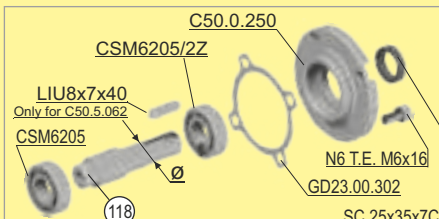
MAP OF COMPONENTS

Input Cover



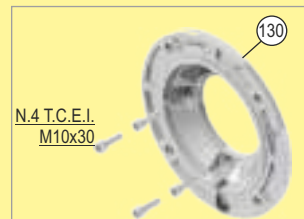
Kits Cod. 2	Q.ty
KX5A.9.050	

Input Male Shaft



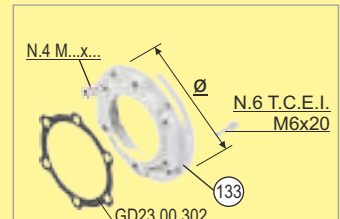
Kits Cod. 118	24	Q.ty
KC50.5.062		

Output Flanges



Kits Cod. 130	2	Q.ty
KF60.9.011	$\phi 250$	
KF60.9.012	$\phi 300$	

Metric Motor Flanges

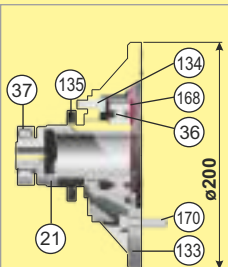


Kits Cod. 133	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

Motor Flanges IEC 132B5 / 132B14

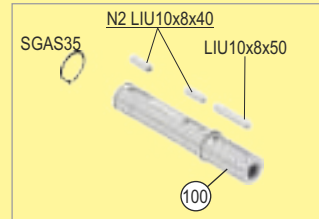
**The holes on the mask be re machined from M6 to M8



133 C50.4.041 for 132B14	134 N.6 T.C.E.I. M8x25**
133 C50.4.043 for 132B5	135 SC 55x75x10C
21 C50.5.038	170 N.4 T.E. M10x35 for B14
36 CSM6011/2RS	N.4 T.E. M12x45 for B5
37 CSMNJ205	168 Seeger J90

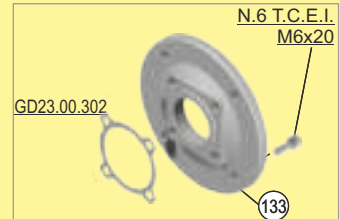
Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

Output Shaft



Kits Cod. 100	2	Q.ty
K085.5.028	$\phi 35$	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)		
KUC085.4.042 $\phi 8.5"$ (182/4TC)		

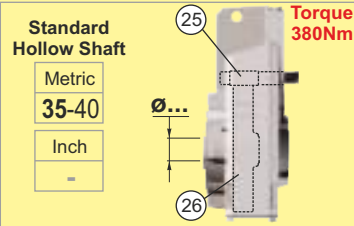
Specific Kits of FLACH

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 58

SHAFT MOUNTED HUB \varnothing 35mm (380 Nm)

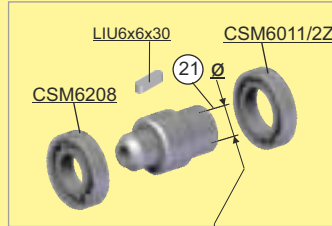
FC61 Modular base



Ratio	Mod. Base	26	25	Q.ty
2.76	FC600535	80	29	
3.54	FC600435	85	24	
5.06	FC600335*	91	18	
5.81	FC600235*	93	16	
6.79	FC600135*	95	14	

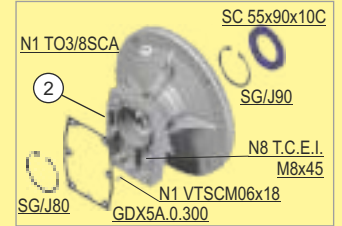
*Same modular base of the shaft mounted → For modular base **Metric** example: FC6001³⁵ → \varnothing hollow shaft 35mm

Input motor shaft kit



Kits Cod.	21	\varnothing 38	Q.ty
KC70.5.039			

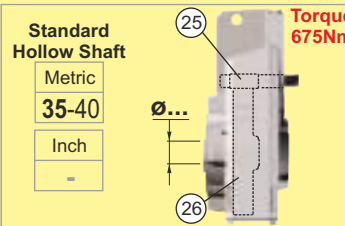
Input Cover



Kits Cod.	2	Q.ty
KC70.9.052	for PAM 132	

SHAFT MOUNTED HUB $\phi 35\text{mm}$ (675 Nm)

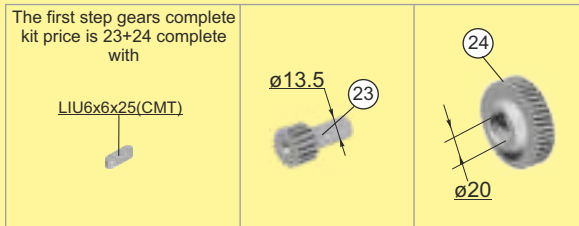
FC62 Modular base



Ratio	Mod. Base	26	25	Q.ty
6.57	FC600335	91	18	
7.56	FC600235	93	16	
8.82	FC600135	95	14	
12.39	FC600335	91	18	
14.24	FC600235	93	16	
16.75	FC600335	91	18	
19.25	FC600235	93	16	
21.78	FC600335	91	18	
25.04	FC600235	93	16	
29.23	FC600135	95	14	
30.65	FC600235	93	16	
35.78	FC600135	95	14	
38.55	FC600335	91	18	
44.32	FC600235	93	16	
51.74	FC600135	95	14	
61.03	FC600235	93	16	
71.25	FC600135	95	14	

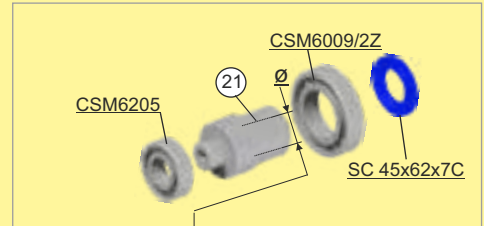
For modular base **Metric** example: **FC600135** → ϕ shaft 35mm

First gear set kit



Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-16/53		C50.0.106	C50.0.136
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

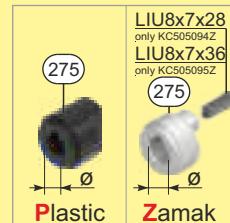
Input motor shaft kit



Cod. 21	28	24	19	5/8" (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	Q.ty

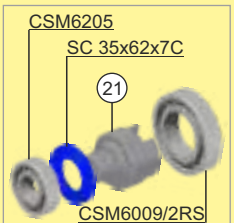
$\phi 1-1/8"$ (182/4TC) $\phi 7/8"$ (143/5TC)
 KC50.5.037U KC50.5.036U
 Q.ty Q.ty

Coupling



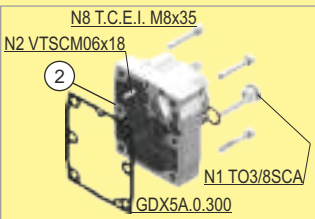
Cod. 275	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

Input motor shaft kit for coupling



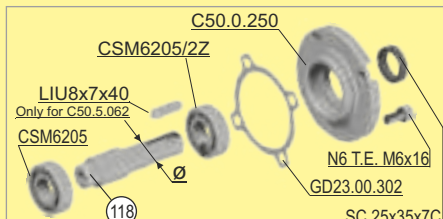
Cod. 21	Q.ty
KC50.5.080	

Input Cover



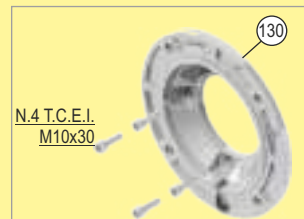
Kits Cod. 2	Q.ty
KX5A.9.050	

Input Male Shaft



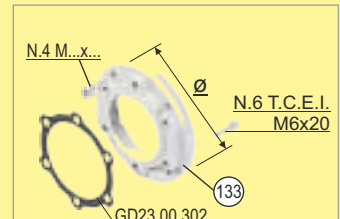
Kits Cod. 118	24	Q.ty
KC50.5.062		

Output Flanges



Kits Cod. 130	2	Q.ty
KF60.9.011	$\phi 250$	
KF60.9.012	$\phi 300$	

Metric Motor Flanges

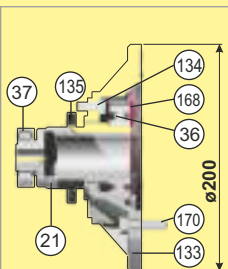


Kits Cod. 133	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

Motor Flanges IEC 132B5 / 132B14

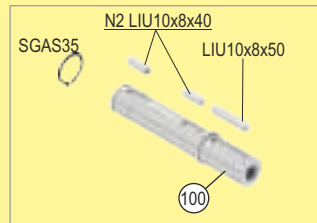
**The holes on the mask be re machined from M6 to M8



133 C50.4.041 for 132B14	134 N.6 T.C.E.I. M8x25**
133 C50.4.043 for 132B5	135 SC 55x75x10C
21 C50.5.038	170 N.4 T.E. M10x35 for B14
36 CSM6011/2RS	N.4 T.E. M12x45 for B5
37 CSMNJ205	168 Seeger J90

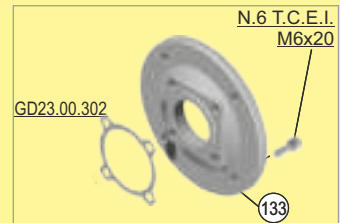
Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

Output Shaft



Kits Cod. 100	2	Q.ty
K085.5.028	$\phi 35$	

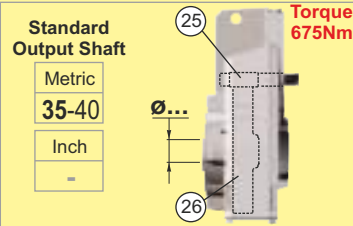
Nema Motor Flanges



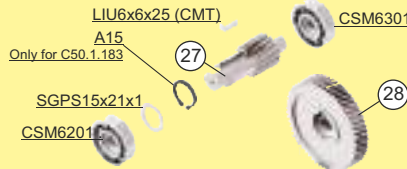
Kits Cod. 133	Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)		
KUC085.4.042 $\phi 8.5"$ (182/4TC)		

SHAFT MOUNTED HUB $\phi 35\text{mm}$ (675 Nm)

FC63 Modular base



Middle Gear Set

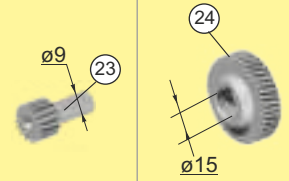


Same as coaxial kit except for bearings & spacer.

First gear set kit

The first step gears complete kit price is 23+24 complete with

LIU5x5x18(CMT)

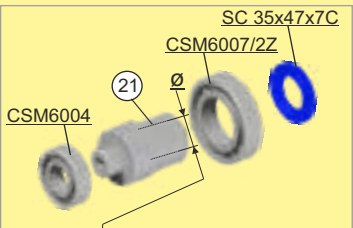


Ratio	Mod. Base	26	25	Q.ty
61.89	FC600335	91	18	
71.16	FC600235	93	16	
82.48	FC600235	93	16	
96.29	FC600135	95	14	
100.51	FC600335	91	18	
115.56	FC600235	93	16	
125.96	FC600235	93	16	
134.91	FC600135	95	14	
147.05	FC600135	95	14	
170.44	FC600135	95	14	
184.15	FC600135	95	14	
205.87	FC600235	93	16	
240.34	FC600135	95	14	
279.22	FC600235	93	16	
325.97	FC600135	95	14	
364.41	FC600235	93	16	
425.43	FC600135	95	14	
481.19	FC600235	93	16	
561.76	FC600135	95	14	

Kits Cod.	Q.ty	27 Pinion	28 Gear Wheel
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131

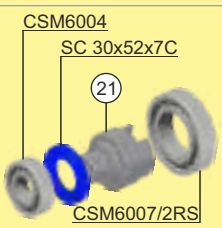
Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-19/54		C40.0.105B	C40.0.135B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.103B	C40.0.133B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-7/76		C40.0.100B	C40.0.130B

Input motor shaft kit



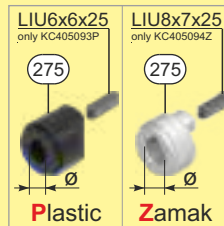
Cod. 21	$\phi 14$	$\phi 19$	$\phi 24$
KC40.5.032	KC40.5.033	KC40.5.034	
Q.ty	Q.ty	Q.ty	
	$\phi 5/8''$ (56C)	$\phi 7/8''$ (143/5C)	
	KC40.5.035U	KC40.5.036U	
	Q.ty	Q.ty	

Input motor shaft kit for coupling



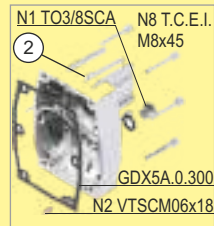
Cod. 21	Q.ty
KC40.5.080	

Coupling



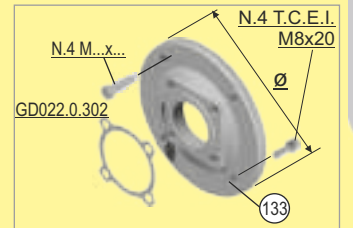
Cod. 275	Q.ty
C40.5.091P $\phi 11\text{mm}$	
C40.5.092P $\phi 14\text{mm}$	
KC40.5.093P $\phi 19\text{mm}$	
KC40.5.094Z $\phi 24\text{mm}$	
KC40.5.096UZ $\phi 0.625''$	
KC40.5.097UZ $\phi 0.875''$	

Input Cover



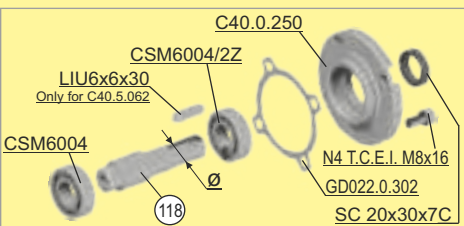
Kits Cod. 2	Q.ty
KX5A.9.051	

Metric Motor Flanges



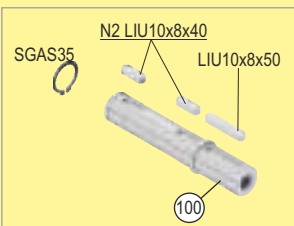
Kits Cod. 133	PAM	Q.ty
K063.4.041 ($\phi 140$)	63B5-90B14	
K063.4.042 ($\phi 160$)	71B5	
K063.4.043 ($\phi 200$)	80-90B5	
K063.4.047 ($\phi 105$)	71B14	
K063.4.046 ($\phi 120$)	80B14	

Input Male Shaft



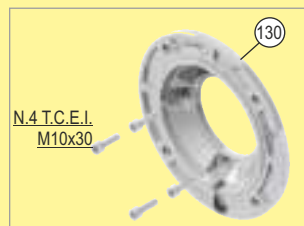
Kits Cod. 118	$\phi 19$	Q.ty
KC40.5.062		

Output Shaft



Kits Cod. 100	ϕ	Q.ty
K085.5.028	$\phi 35$	

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KF60.9.011	$\phi 250$	
KF60.9.012	$\phi 300$	

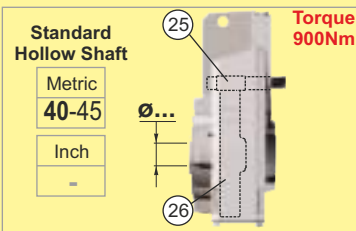
Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KU063.4.041	$\phi 6.5''$ (143/5TC)	

SHAFT MOUNTED HUB \varnothing 40mm (900 Nm)

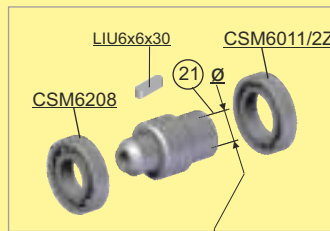
FC71 Modular base



Ratio	Mod. Base	(26)	(25)	Q.ty
6.17	FC700340	111	18	
7.06	FC700240	113	16	
8.21	FC700140	115	14	

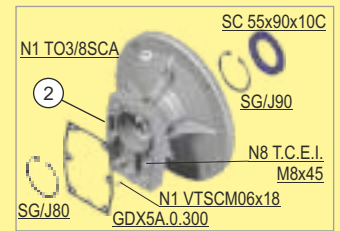
→ For modular base **Metric** example: FC7001**40** → \varnothing hollow shaft 40mm

Input motor shaft kit



Kits Cod. (21)	\varnothing 38	Q.ty
KC70.5.039		

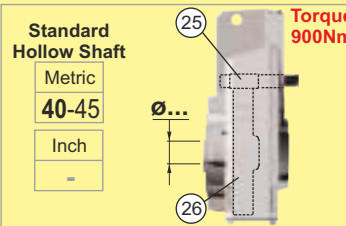
Input Cover



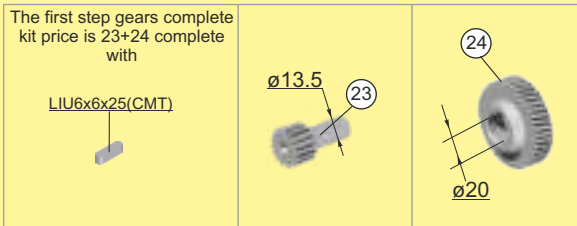
Kits Cod. (2)	Q.ty
KC70.9.052 for PAM 132	

SHAFT MOUNTED HUB $\phi 40\text{mm}$ (900 Nm)

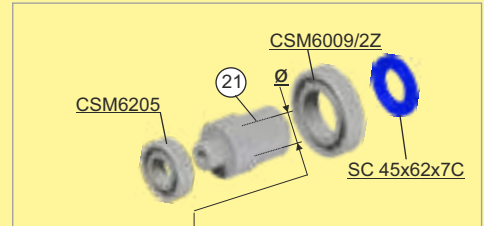
FC72 Modular base



First gear set kit



Input motor shaft kit

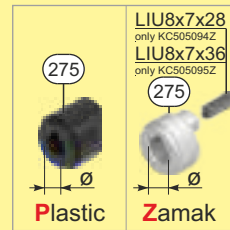


Ratio	Mod. Base	26	25	Q.ty
8.02	FC700340	111	18	
9.18	FC700240	113	16	
10.68	FC700140	115	14	
15.11	FC700340	111	18	
17.30	FC700240	113	16	
20.13	FC700140	115	14	
23.39	FC700240	113	16	
27.21	FC700140	115	14	
30.42	FC700240	113	16	
35.38	FC700140	115	14	
37.24	FC700240	113	16	
43.31	FC700140	115	14	
47.02	FC700340	111	18	
53.85	FC700240	113	16	
62.63	FC700140	115	14	
74.16	FC700240	113	16	
86.25	FC700140	115	14	

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-16/53		C50.0.106	C50.0.136
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

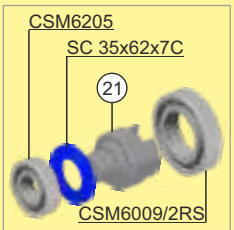
Cod. 21 $\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U
Q.ty	Q.ty	Q.ty	Q.ty
		$\phi 1-1/8"$ (182/4TC)	$\phi 7/8"$ (143/5TC)
		KC50.5.037U	KC50.5.036U
		Q.ty	Q.ty

Coupling



Cod. 275	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

Input motor shaft kit for coupling

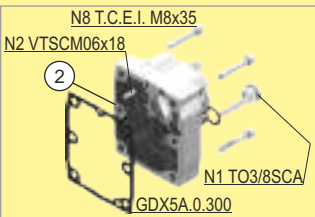


Cod. 21	Q.ty
KC50.5.080	

For modular base Metric example: FC700140 \rightarrow ϕ shaft 40mm

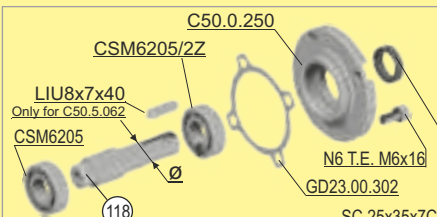
MAP OF COMPONENTS

Input Cover



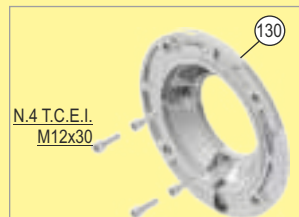
Kits Cod. 2	Q.ty
KX5A.9.050	

Input Male Shaft



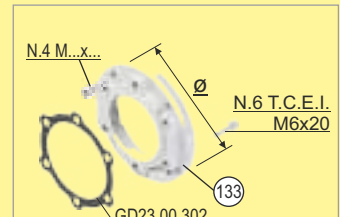
Kits Cod. 118 $\phi 24$	Q.ty
KC50.5.062	

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KF70.9.011	$\phi 250$	
KF70.9.012	$\phi 300$	
KF70.9.013	$\phi 350$	

Metric Motor Flanges

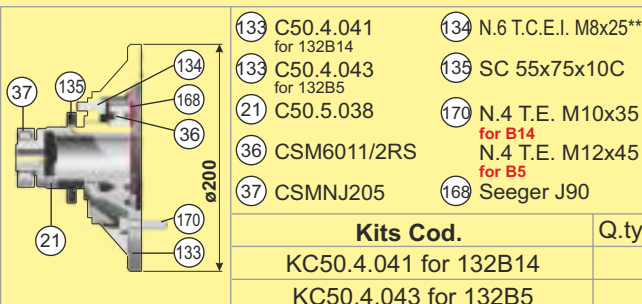


Kits Cod. 133	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

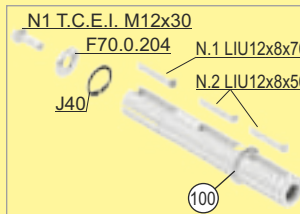
Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8



Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

Output Shaft



Kits Cod. 100	ϕ	Q.ty
KF70.5.028	$\phi 40$	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)		
KUC085.4.042 $\phi 8.5"$ (182/4TC)		

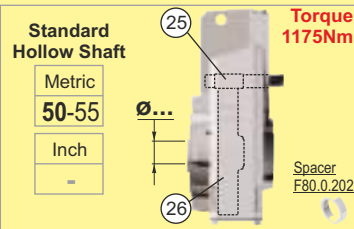
Specific Kits of FLACH

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 64

SHAFT MOUNTED HUB ϕ 50mm (1175 Nm)

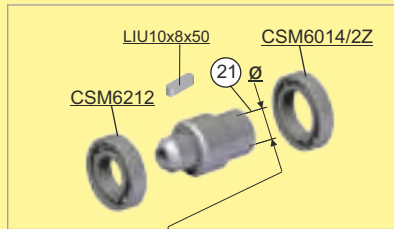
FC81 Modular base



Ratio	Mod. Base	26	25	Q.ty
2.65	FC800550	61	23	
3.42	FC800450	65	19	
4.60	FC800350*	69	15	
5.46	FC800250*	71	13	
6.64	FC800150*	73	11	

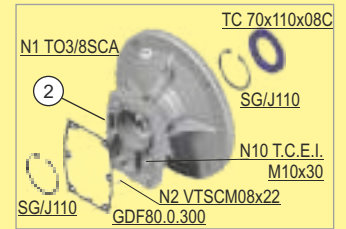
*Same modular base of the shaft mounted → For modular base **Metric** example: FC800150 → ϕ hollow shaft 50mm

Input motor shaft kit



Kits Cod.	21 ϕ 48	ϕ 42
	KC90.5.039	KC90.5.038
	Q.ty	Q.ty

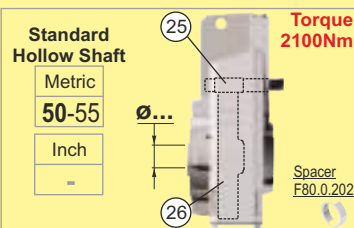
Input Cover



Kits Cod.	2	Q.ty
	KC90.9.052 for PAM 180	

SHAFT MOUNTED HUB $\phi 50\text{mm}$ (2100 Nm)

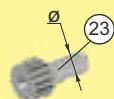
FC82 Modular base



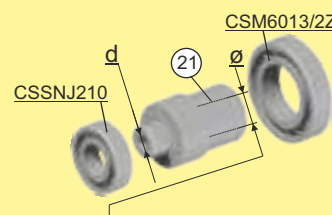
First gear set kit

The first step gears complete kit price is 23+24 complete with

LIQ10x8x28(CMT)



Input motor shaft kit



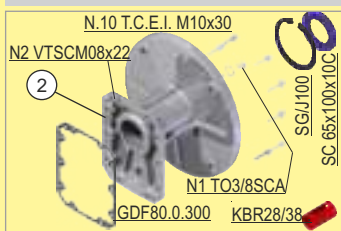
Ratio	Mod. Base	26	25	Q.ty
5.98	FC800350	69	15	
7.10	FC800250	71	13	
8.63	FC800150	73	11	
11.27	FC800350	69	15	
13.38	FC800250	71	13	
15.24	FC800350	69	15	
16.26	FC800150	73	11	
18.09	FC800250	71	13	
19.82	FC800350	69	15	
21.98	FC800150	73	11	
23.53	FC800250	71	13	
24.25	FC800350	69	15	
28.80	FC800250	71	13	
34.99	FC800150	73	11	
41.64	FC800250	71	13	
50.60	FC800150	73	11	

Kits Cod.	Q.ty	23 Pinion	ϕ	24 Gear Wheel
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-13/56		C90.0.103	$\phi 25$	C90.0.133
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-13/56		C90.0.103	$\phi 25$	C90.0.133
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-8/61		C90.0.101	$\phi 25$	C90.0.131
KC902-8/61		C90.0.101	$\phi 25$	C90.0.131

Cod. 21	d=25 - $\phi 38$	d=25 - $\phi 42$	d=25 - $\phi 48$
KC90.5.034		KC90.5.035	KC90.5.036
	Q.ty	Q.ty	Q.ty

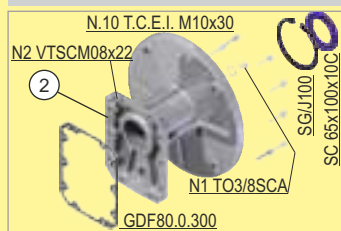
→ For modular base **Metric** example: FC800150 → ϕ shaft 50mm

Input Cover



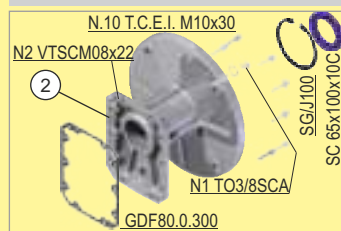
Kits Cod.	2	Q.ty
KF80.9.052 for PAM 100/112		

Input Cover



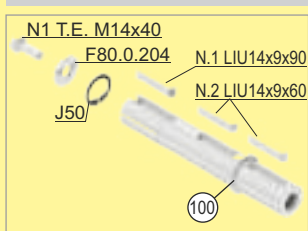
Kits Cod.	2	Q.ty
KF80.9.053 for PAM 132		

Input Cover



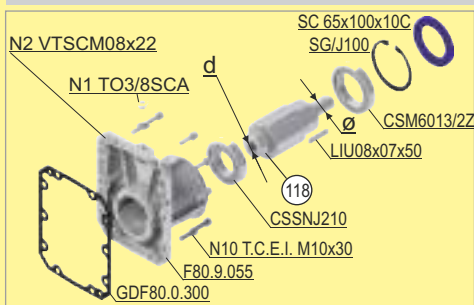
Kits Cod.	2	Q.ty
KF80.9.054 for PAM 160/180		

Output Shaft



Kits Cod.	100	ϕ	Q.ty
KF80.5.028		$\phi 50$	

Input Male Shaft



Kit Cod.	118	d=25 - $\phi 28$	Q.ty
KC85.5.063			

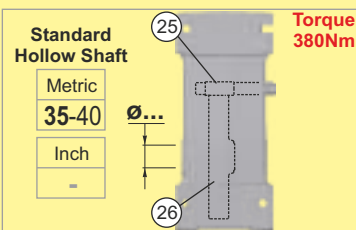
Output Flanges



Kits Cod.	130	ϕ	Q.ty
KF80.9.011		$\phi 300$	
KF80.9.012		$\phi 350$	
KF80.9.013		$\phi 400$	

SHAFT MOUNTED HUB \varnothing 35mm (380 Nm)

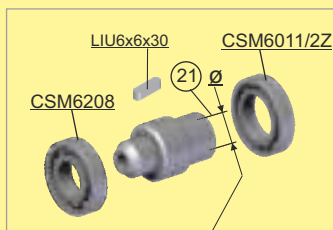
H61C Modular base



Ratio	Mod. Base	26	25	Q.ty
2.76	H60C0535	80	29	
3.54	H6C00435	85	24	
5.06	H60C0335*	91	18	
5.81	H60C0235*	93	16	
6.79	H60C0135*	95	14	

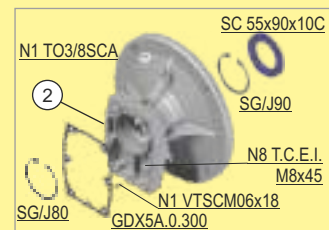
*Same modular base of the shaft mounted → For modular base **Metric** example: H60C0135 → \varnothing hollow shaft 35mm

Input motor shaft kit



Kits Cod.	21 \varnothing 38	Q.ty
KC70.5.039		

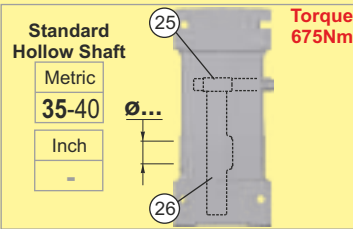
Input Cover



Kits Cod.	2	Q.ty
KC70.9.052	for PAM 132	

SHAFT MOUNTED HUB $\phi 35\text{mm}$ (675 Nm)

H62C Modular base



Torque 675Nm

First gear set kit

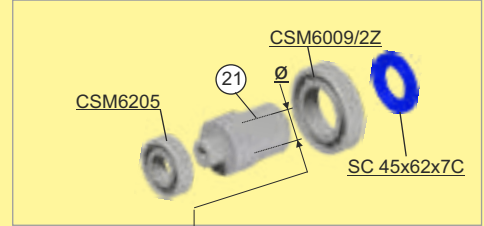
The first step gears complete kit price is 23+24 complete with

LIU6x6x25(CMT)

$\phi 13.5$



Input motor shaft kit

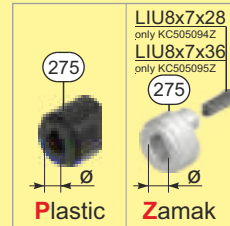


Ratio	Mod.	Base	26	25	Q.ty
6.57	H60C0335		91	18	
7.56	H60C0235		93	16	
8.82	H60C0135		95	14	
12.39	H60C0335		91	18	
14.24	H60C0235		93	16	
16.75	H60C0335		91	18	
19.25	H60C0235		93	16	
21.78	H60C0335		91	18	
25.04	H60C0235		93	16	
29.23	H60C0135		95	14	
30.65	H60C0235		93	16	
35.78	H60C0135		95	14	
38.55	H60C0335		91	18	
44.32	H60C0235		93	16	
51.74	H60C0135		95	14	
61.03	H60C0235		93	16	
71.25	H60C0135		95	14	

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-16/53		C50.0.106	C50.0.136
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

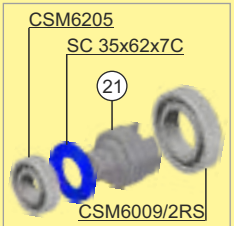
Cod. 21	$\phi 28$	$\phi 24$	$\phi 19$	$\phi 5/8"$ (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	
		$\phi 1-1/8"$ (182/4TC)		$\phi 7/8"$ (143/5TC)
		KC50.5.037U		KC50.5.036U
		Q.ty		Q.ty

Coupling



Cod. 275	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

Input motor shaft kit for coupling

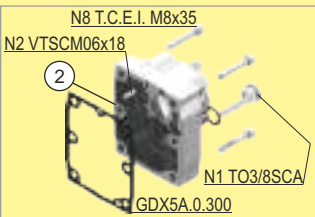


Cod. 21	Q.ty
KC50.5.080	

For modular base Metric example: H60C0135 \rightarrow ϕ shaft 35mm

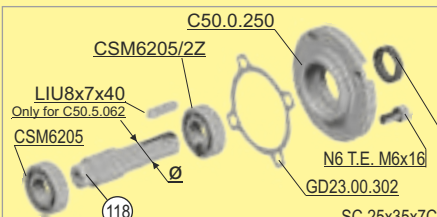
MAP OF COMPONENTS

Input Cover



Kits Cod. 2	Q.ty
KX5A.9.050	

Input Male Shaft



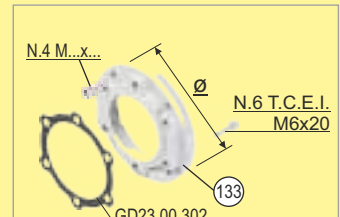
Kits Cod. 118	$\phi 24$	Q.ty
KC50.5.062		

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KF60.9.011	$\phi 250$	

Metric Motor Flanges

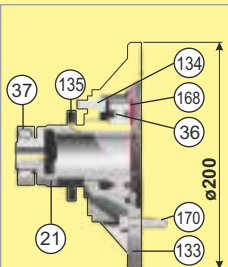


Kits Cod. 133	PAM	Q.ty
K023.4.041 ($\phi 160$)	71B5	
K023.4.042 ($\phi 200$)	80-90B5	
K023.4.043* ($\phi 250$)	100/112B5	
K085.4.046 ($\phi 120$)	80B14	
K085.4.045 ($\phi 140$)	90B14	
K085.4.047 ($\phi 160$)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

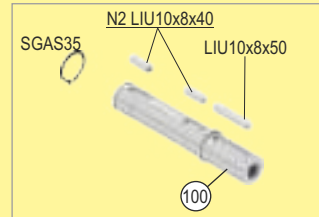
Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8



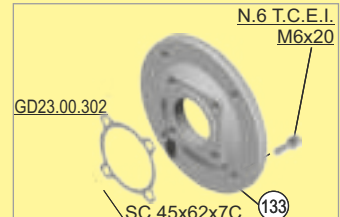
133 C50.4.041 for 132B14	134 N.6 T.C.E.I. M8x25**
133 C50.4.043 for 132B5	135 SC 55x75x10C
21 C50.5.038	170 N.4 T.E. M10x35 for B14
36 CSM6011/2RS	N.4 T.E. M12x45 for B5
37 CSMNJ205	168 Seeger J90
Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

Output Shaft



Kits Cod. 100	ϕ	Q.ty
K085.5.028	$\phi 35$	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KUC085.4.041 $\phi 6.5"$ (143/5TC)		
KUC085.4.042 $\phi 8.5"$ (182/4TC)		

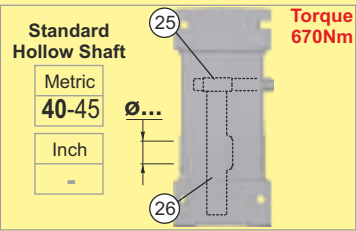
Specific Kits of FLACH

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 70

SHAFT MOUNTED HUB $\varnothing 40\text{mm}$ (670 Nm)

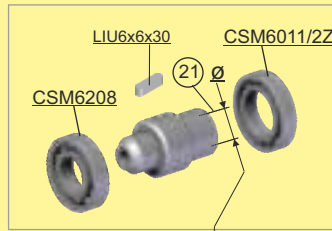
H71C Modular base



Ratio	Mod.	Base	26	25	Q.ty
6.17	H70C0340		111	18	
7.06	H70C0240		113	16	
8.21	H70C0140		115	14	

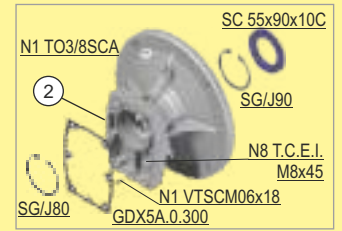
→ For modular base **Metric** example: H70C0140 → \varnothing hollow shaft 40mm

Input motor shaft kit



Kits Cod.	21	$\varnothing 38$	Q.ty
KC70.5.039			

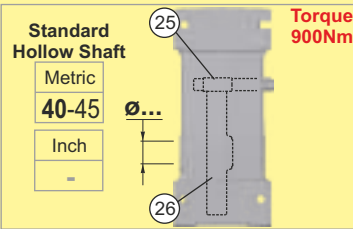
Input Cover



Kits Cod.	2	Q.ty
KC70.9.052		for PAM 132

SHAFT MOUNTED HUB $\phi 40\text{mm}$ (900 Nm)

H72C Modular base



Torque 900Nm

First gear set kit

The first step gears complete kit price is 23+24 complete with

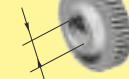
LIU6x6x25(CMT)

$\phi 13.5$

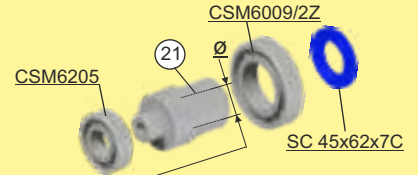


24

$\phi 20$



Input motor shaft kit



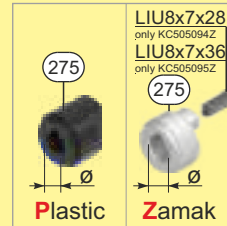
Ratio	Mod.	Base	26	25	Q.ty
8.02	H70C0340	111	18		
9.18	H70C0240	113	16		
10.68	H70C0140	115	14		
15.11	H70C0340	111	18		
17.30	H70C0240	113	16		
20.13	H70C0140	115	14		
23.39	H70C0240	113	16		
27.21	H70C0140	115	14		
30.42	H70C0240	113	16		
35.38	H70C0140	115	14		
37.24	H70C0240	113	16		
43.31	H70C0140	115	14		
47.02	H70C0340	111	18		
53.85	H70C0240	113	16		
62.63	H70C0140	115	14		
74.16	H70C0240	113	16		
86.25	H70C0140	115	14		

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-30/39		C50.0.104	C50.0.134
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-20/49		C50.0.103	C50.0.133
KC502-16/53		C50.0.106	C50.0.136
KC502-16/53		C50.0.106	C50.0.136
KC502-16/53		C50.0.106	C50.0.136
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-13/56		C50.0.102	C50.0.132
KC502-11/58		C50.0.105	C50.0.135
KC502-11/58		C50.0.105	C50.0.135
KC502-11/58		C50.0.105	C50.0.135
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-8/61		C50.0.101	C50.0.131
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130
KC502-6/63		C50.0.100	C50.0.130

Cod. 21	ø28	ø24	ø19	ø5/8" (56C)
KC50.5.032	KC50.5.033	KC50.5.034	KC50.5.035U	
Q.ty	Q.ty	Q.ty	Q.ty	
		ø1-1/8" (182/4TC)		ø7/8" (143/5TC)
		KC50.5.037U	KC50.5.036U	
		Q.ty	Q.ty	

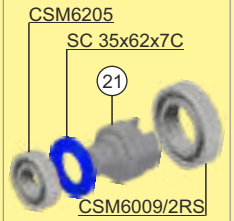
→ For modular base **Metric** example: H70C0140 → ø shaft 40mm

Coupling



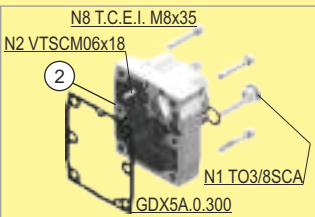
Cod. 275	Q.ty
C50.5.092P $\phi 14\text{mm}$	
C50.5.093P $\phi 19\text{mm}$	
KC50.5.094Z $\phi 24\text{mm}$	
KC50.5.095Z $\phi 28\text{mm}$	
KC50.5.096UZ $\phi 0.625"$	
KC50.5.097UZ $\phi 0.875"$	
KC50.5.098UZ $\phi 1.125"$	

Input motor shaft kit for coupling



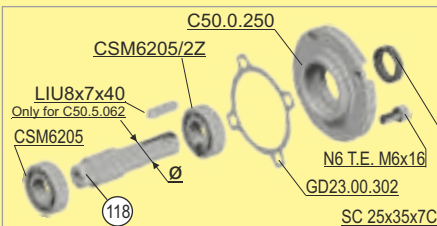
Cod. 21	Q.ty
KC50.5.080	

Input Cover



Kits Cod. 2	Q.ty
KX5A.9.050	

Input Male Shaft



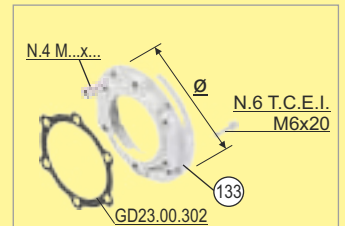
Kits Cod. 118	ø24	Q.ty
KC50.5.062		

Output Flanges



Kits Cod. 130	ø	Q.ty
KF70.9.011	ø250	

Metric Motor Flanges

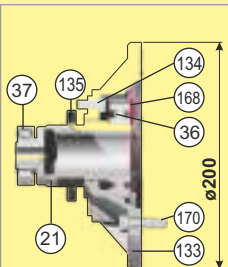


Kits Cod. 133	PAM	Q.ty
K023.4.041 (ø160)	71B5	
K023.4.042 (ø200)	80-90B5	
K023.4.043* (ø250)	100/112B5	
K085.4.046 (ø120)	80B14	
K085.4.045 (ø140)	90B14	
K085.4.047 (ø160)	100B14	

*For K023.4.043, screws N.6 T.E. M6x25

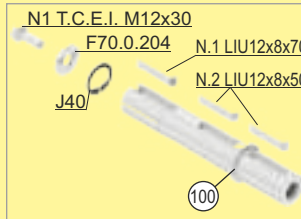
Motor Flanges IEC 132B5 / 132B14

**The holes on the mask be re machined from M6 to M8



133 C50.4.041 for 132B14	134 N.6 T.C.E.I. M8x25**
133 C50.4.043 for 132B5	135 SC 55x75x10C
21 C50.5.038	170 N.4 T.E. M10x35 for B14
36 CSM6011/2RS	N.4 T.E. M12x45 for B5
37 CSMNJ205	168 Seeger J90
Kits Cod.	
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

Output Shaft



Kits Cod. 100	ø	Q.ty
KF70.5.028	ø40	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KUC085.4.041 ø6.5" (143/5TC)		
KUC085.4.042 ø8.5" (182/4TC)		

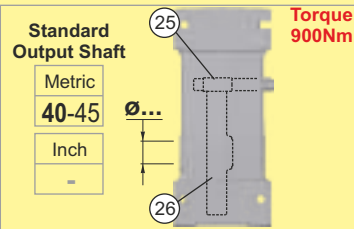
Specific Kits of FLACH

Kits in common with bevel, coaxials or worm

NEMA Kits

SHAFT MOUNTED HUB $\phi 40\text{mm}$ (900 Nm)

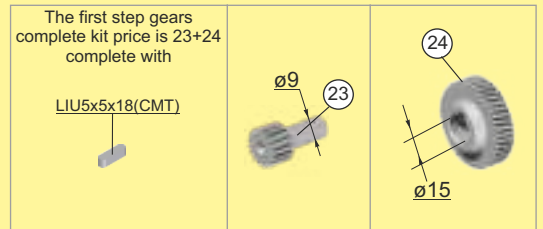
H73C Modular base



Middle Gear Set



First gear set kit



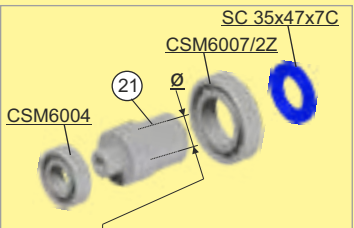
Ratio	Mod. Base	26	25	Q.ty
75.50	H700340	111	18	
86.47	H70C0240	113	16	
100.22	H70C0240	113	16	
116.56	H70C0140	115	14	
136.82	H70C0140	115	14	
153.05	H70C0240	113	16	
163.31	H70C0140	115	14	
178.01	H70C0140	115	14	
191.67	H70C0240	113	16	
206.32	H70C0140	115	14	
222.92	H70C0140	115	14	
242.18	H70C0140	115	14	
250.15	H70C0240	113	16	
289.08	H70C0140	115	14	
330.31	H70C0240	113	16	
394.59	H70C0140	115	14	
514.99	H70C0140	115	14	
680.03	H70C0140	115	14	

Kits Cod.	Q.ty	27 Pinion	28 Gear Wheel
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131
KX53A-13/56		C50.1.184	C50.0.132
KX53A-8/61		C50.1.183	C50.0.131

Kits Cod.	Q.ty	23 Pinion	24 Gear Wheel
KC402-19/54		C40.0.105B	C40.0.135B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-19/54		C40.0.105B	C40.0.135B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-17/56		C40.0.104B	C40.0.134B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-15/58		C40.0.106B	C40.0.136B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-13/60		C40.0.103B	C40.0.133B
KC402-7/76		C40.0.100B	C40.0.130B
KC402-10/63		C40.0.102B	C40.0.132B
KC402-9/74		C40.0.101B	C40.0.131B
KC402-7/76		C40.0.100B	C40.0.130B

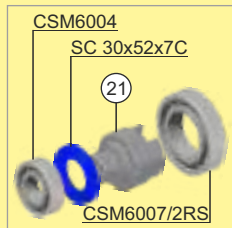
MAP OF COMPONENTS

Input motor shaft kit



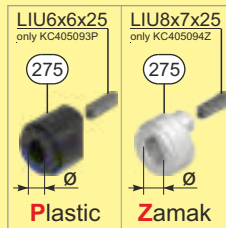
Cod. 21	$\phi 14$	$\phi 19$	$\phi 24$
KC40.5.032	KC40.5.033	KC40.5.034	
Q.ty	Q.ty	Q.ty	
	$\phi 5/8''$ (56C)	$\phi 7/8''$ (143/5C)	
	KC40.5.035U	KC40.5.036U	
	Q.ty	Q.ty	

Input motor shaft kit for coupling



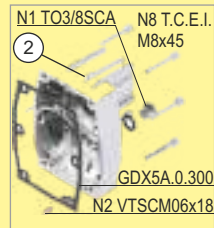
Cod. 21	Q.ty
KC40.5.080	

Coupling



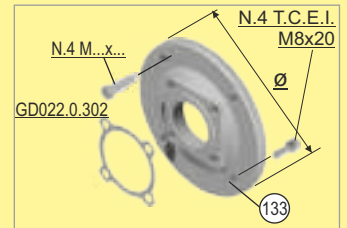
Cod. 275	Q.ty
C40.5.091P $\phi 11\text{mm}$	
C40.5.092P $\phi 14\text{mm}$	
KC40.5.093P $\phi 19\text{mm}$	
KC40.5.094Z $\phi 24\text{mm}$	
KC40.5.096UZ $\phi 0.625''$	
KC40.5.097UZ $\phi 0.875''$	

Input Cover



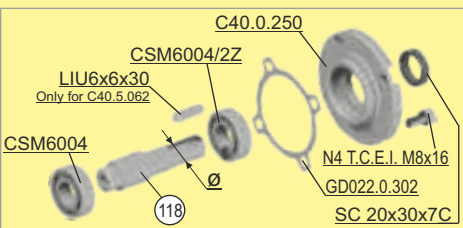
Kits Cod. 2	Q.ty
KX5A.9.051	

Metric Motor Flanges



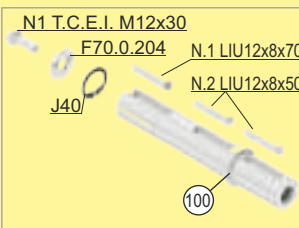
Kits Cod. 133	PAM	Q.ty
K063.4.041 ($\phi 140$)	63B5-90B14	
K063.4.042 ($\phi 160$)	71B5	
K063.4.043 ($\phi 200$)	80-90B5	
K063.4.047 ($\phi 105$)	71B14	
K063.4.046 ($\phi 120$)	80B14	

Input Male Shaft



Kits Cod. 118	$\phi 19$	Q.ty
KC40.5.062		

Output Shaft



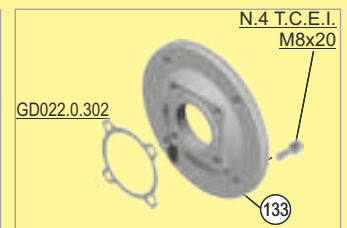
Kits Cod. 100	ϕ	Q.ty
KF70.5.028	$\phi 40$	

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KF70.9.011	$\phi 250$	

Nema Motor Flanges



Kits Cod. 133	Nema	Q.ty
KU063.4.041	$\phi 6.5''$ (143/5TC)	

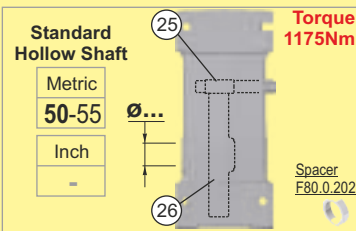
Specific Kits of FLACH

Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 74

SHAFT MOUNTED HUB ϕ 50mm (1175 Nm)

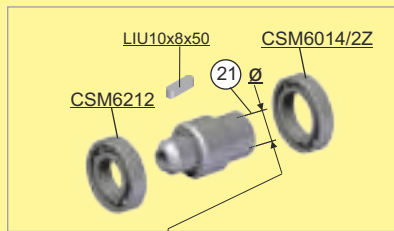
H81C Modular base



Ratio	Mod. Base	26	25	Q.ty
2.65	H80C0550	61	23	
3.42	H80C0450	65	19	
4.60	H80C0350*	69	15	
5.46	H80C0250*	71	13	
6.64	H80C0150*	73	11	

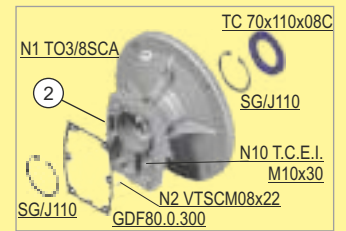
*Same modular base of the shaft mounted → For modular base **Metric** example: H80C0150 → ϕ hollow shaft 50mm

Input motor shaft kit



Kits Cod.	21 ϕ 48	ϕ 42
	KC90.5.039	KC90.5.038
	Q.ty	Q.ty

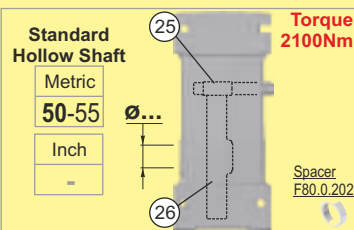
Input Cover



Kits Cod.	2	Q.ty
	KC90.9.052 for PAM 180	

SHAFT MOUNTED HUB $\phi 50\text{mm}$ (2100 Nm)

H82C Modular base



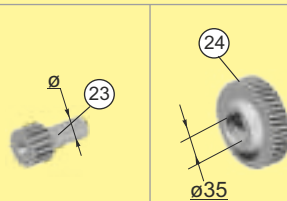
Ratio	Mod.	Base	26	25	Q.ty
5.98	H80C0350		69	15	
7.10	H80C0250		71	13	
8.63	H80C0150		73	11	
11.27	H80C0350		69	15	
13.38	H80C0250		71	13	
15.24	H80C0350		69	15	
16.26	H80C0150		73	11	
18.09	H80C0250		71	13	
19.82	H80C0350		69	15	
21.98	H80C0150		73	11	
23.53	H80C0250		71	13	
24.25	H80C0350		69	15	
28.80	H80C0250		71	13	
34.99	H80C0150		73	11	
41.64	H80C0250		71	13	
50.60	H80C0150		73	11	

For modular base **Metric** example: **H80C0150** - ϕ shaft 50mm

First gear set kit

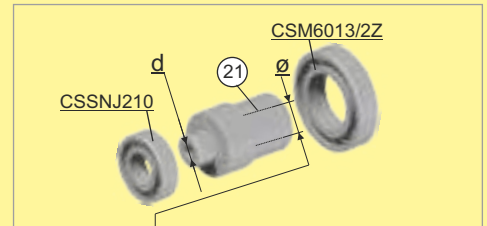
The first step gears complete kit price is 23+24 complete with

LIQ10x8x28(CMT)



Kits Cod.	Q.ty	23 Pinion	ϕ	24 Gear Wheel
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-30/39		C90.0.106	$\phi 25$	C90.0.136
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-20/49		C90.0.105	$\phi 25$	C90.0.135
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-13/56		C90.0.103	$\phi 25$	C90.0.133
KC902-16/53		C90.0.104	$\phi 25$	C90.0.134
KC902-13/56		C90.0.103	$\phi 25$	C90.0.133
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-11/58		C90.0.102	$\phi 25$	C90.0.132
KC902-8/61		C90.0.101	$\phi 25$	C90.0.131
KC902-8/61		C90.0.101	$\phi 25$	C90.0.131

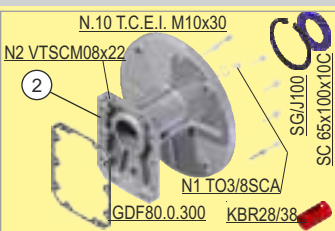
Input motor shaft kit



Cod. 21	d=25 - $\phi 38$	d=25 - $\phi 42$	d=25 - $\phi 48$
KC90.5.034		KC90.5.035	KC90.5.036
	Q.ty	Q.ty	Q.ty

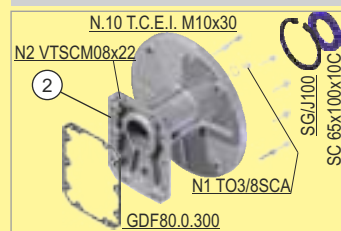
MAP OF COMPONENTS

Input Cover



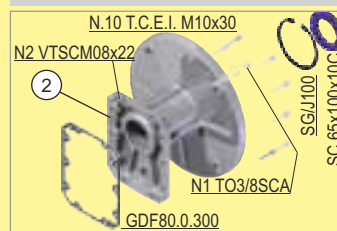
Kits Cod. 2	Q.ty
KF80.9.052 for PAM 100/112	

Input Cover



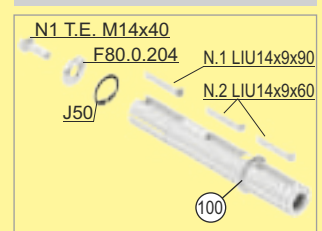
Kits Cod. 2	Q.ty
KF80.9.053 for PAM 132	

Input Cover



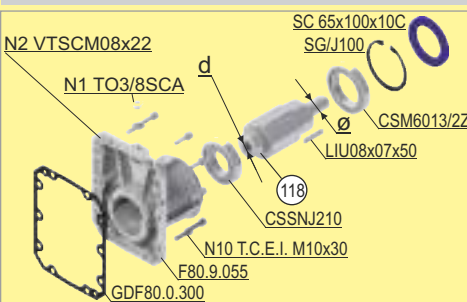
Kits Cod. 2	Q.ty
KF80.9.054 for PAM 160/180	

Output Shaft



Kits Cod. 100	ϕ	Q.ty
KF80.5.028	$\phi 50$	

Input Male Shaft



Kit Cod. 118	d=25 - $\phi 28$	Q.ty
KC85.5.063		

Output Flanges



Kits Cod. 130	ϕ	Q.ty
KF80.9.011	$\phi 300$	

Specific Kits of FLACH

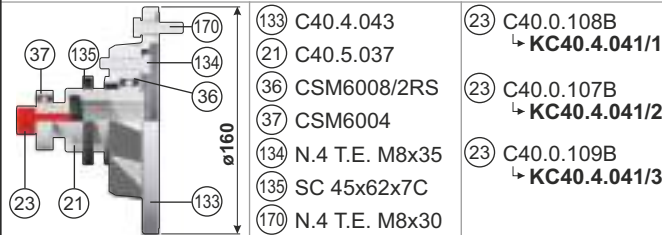
Kits in common with bevel, coaxials or worm

NEMA Kits
pag. 76

Special bigger input motor flanges

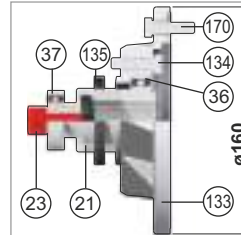
These flanges comes complete from Hydromec with covers, bearings, input shaft, and for some types, with the pinion.

Motor Flanges IEC 100-112B5



- (133) C40.4.043
- (21) C40.5.037
- (36) CSM6008/2RS
- (37) CSM6004
- (134) N.4 T.E. M8x35
- (135) SC 45x62x7C
- (170) N.4 T.E. M8x30
- (23) C40.0.108B
↳ KC40.4.041/1
- (23) C40.0.107B
↳ KC40.4.041/2
- (23) C40.0.109B
↳ KC40.4.041/3

Motor Flanges IEC 100-112B14



- (133) C40.4.041
- (21) C40.5.037
- (36) CSM6008/2RS
- (37) CSM6004
- (134) N.4 T.E. M8x35
- (135) SC 45x62x7C
- (170) N.4 T.E. M8x30
- (23) C40.0.108B
↳ KC40.4.041/1
- (23) C40.0.107B
↳ KC40.4.041/2
- (23) C40.0.109B
↳ KC40.4.041/3

These Kits are supplied with specific pinion required by the ratio, as (23) have a different (bigger) ϕ than normal types.

These Kits are supplied with specific pinion required by the ratio, as (23) have a different (bigger) ϕ than normal types.

For 402A

Ratio	Kits Cod.	Q.ty
1/3.52	KC40.4.043/1	
1/4.37	KC40.4.043/1	
1/5.55	KC40.4.043/1	
1/6.36	KC40.4.043/2	
1/7.33	KC40.4.043/1	

Ratio	Kits Cod.	Q.ty
1/7.89	KC40.4.043/2	
1/10.06	KC40.4.043/2	
1/11.66	KC40.4.043/3	
1/13.26	KC40.4.043/2	

Ratio	Kits Cod.	Q.ty
1/3.52	KC40.4.043/1	
1/4.37	KC40.4.043/1	
1/5.55	KC40.4.043/1	
1/6.36	KC40.4.043/2	
1/7.33	KC40.4.043/1	

Ratio	Kits Cod.	Q.ty
1/7.89	KC40.4.043/2	
1/10.06	KC40.4.043/2	
1/11.66	KC40.4.043/3	
1/13.26	KC40.4.043/2	

For 502C - FA42

Ratio	Kits Cod.	Q.ty
1/8.38	KC40.4.043/1	
1/10.04	KC40.4.043/1	
1/12.33	KC40.4.043/1	
1/15.16	KC40.4.043/2	
1/17.57	KC40.4.043/3	

Ratio	Kits Cod.	Q.ty
1/18.16	KC40.4.043/2	
1/21.05	KC40.4.043/3	
1/22.30	KC40.4.043/2	

Ratio	Kits Cod.	Q.ty
1/8.38	KC40.4.041/1	
1/10.04	KC40.4.041/1	
1/12.33	KC40.4.041/1	
1/15.16	KC40.4.041/2	
1/17.57	KC40.4.041/3	

Ratio	Kits Cod.	Q.ty
1/18.16	KC40.4.041/2	
1/21.05	KC40.4.041/3	
1/22.30	KC40.4.041/2	

For X42A

Ratio	Kits Cod.	Q.ty
1/7.29	KC40.4.043/1	
1/11.20	KC40.4.043/1	

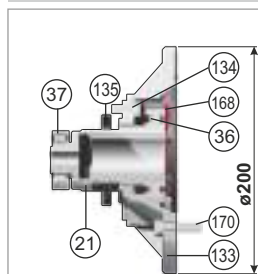
Ratio	Kits Cod.	Q.ty
1/7.29	KC40.4.041/1	
1/11.20	KC40.4.041/1	

For 452A - 502A - 602A - 702C - 802C - 853C - 903C

511A - X62A - 113C - 133C - X72C - X82C - FA52 - FC62 - FC72 - FC83 - H62C - H72C - H83C

These flanges comes complete from Hydromec: covers, bearings, input shaft. and to mount this kit, new threads must be made from M6 to M8 on the motor flange fixing holes.

Motor Flanges IEC 132B5 / 132B14



- (133) C50.4.041 for 132B14
- (133) C50.4.043 for 132B5
- (21) C50.5.038
- (36) CSM6011/2RS
- (37) CSMNJ205
- (134) N.6 T.C.E.I. M8x25
- (135) SC 55x75x10C
- (170) N.4 T.E. M10x35 for B14
- (170) N.4 T.E. M12x45 for B5
- (168) Seeger J90










Kits Cod.	Q.ty
KC50.4.041 for 132B14	
KC50.4.043 for 132B5	

BILL OF MATERIAL EXAMPLE YOU CAN GET FROM OUR WEB

CUSTOMER _____ DELIVERY _____

GEARBOX TYPE _____ RATIO _____ MOTOR FL. _____

MOUNTING POSITIONS _____

MODULAR BASE		CODE
MIDDLE GEARS		
INPUT GEARS		
INPUT MOTOR SHAFT		
INPUT MALE SHAFT		
INPUT COVER		
MOTOR FLANGE		
OUTPUT FLANGE		
FEET		

ASSEMBLED FROM _____

SPECIAL INSTRUCTIONS _____



MA - GEAMC - HM0 19 - EN