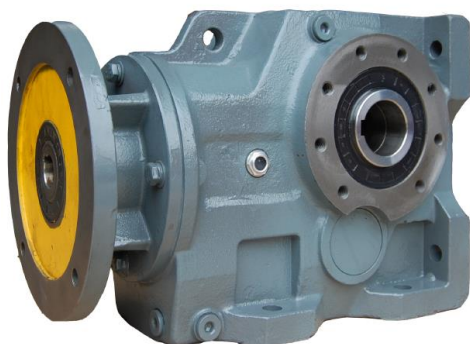




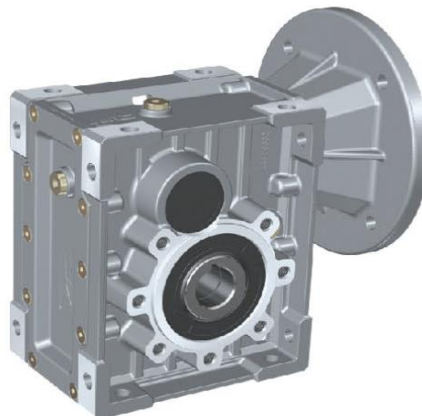
TEC Electric Motors,
Unit 1 Building 341,
Rushock Trading Estate.
Droitwich, Worcestershire, WR9 0NR

Gearbox Comparisons

WK Bevel Helical Cast Iron Range



TKM Bevel Helical Aluminium Range



FCNDK Worm Gear Universal Mount



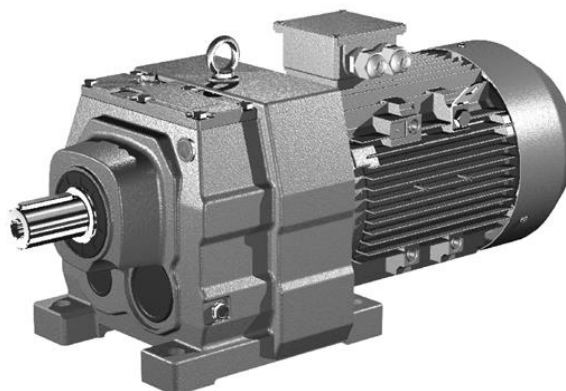
FRS Worm Gear Specific Mount



FRD Helical In-line Aluminium Range



WR Helical In-line Cast Iron Range



Section 1

Helical In-line Comparisons

20 mm Output Shaft
25 mm Output Shaft
30 mm Output Shaft
35 mm Output Shaft
40 mm Output Shaft
50 mm Output Shaft
60 mm Output Shaft
70 mm Output Shaft
90 mm Output Shaft

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Section 2

Bevel Helical Right Angle Comparisons

25-28 mm Output Bore
28-30 mm Output Bore
35-38 mm Output Bore
40 mm Output Bore
50 mm Output Bore
60 mm Output Bore
70 mm Output Bore
90 mm Output Bore

10
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12
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14
15
16
17



Section 3

Worm Gear Right Angle Comparison

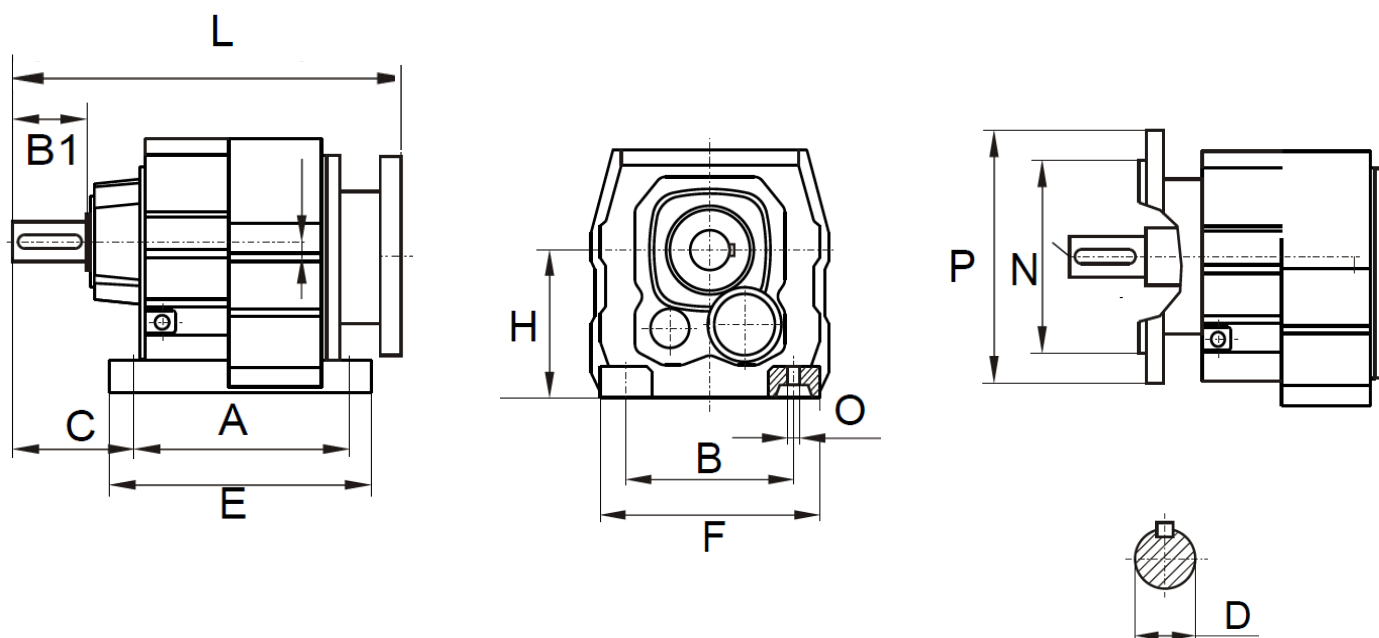
14 mm Output Bore
18-19 mm Output Bore
24-25 mm Output Bore
25-28 mm Output Bore
28-30 mm Output Bore
35-38 mm Output Bore
42 mm Output Bore

18
19
20
21
22
23
24





Make	Varvel	SEW	Radicon	Nord	Motovario	Bonfiglioli	Flender	Watt
Model	FRD1	R17	M012	SK02	HA3	C11	D/Z18	HG40A
Shaft dia.	20	20	20	20	20	20	20	20
M2 max (Nm)	90	85	90	90	90	100	90	100
i min	2.35	3.83	3.5	2.95	5.38	2.8	3.58	5.68
i max /2	61.37	25.23	56.72	73.06	60.67	66.2	43.15	62.22
I max /3	624.41	81.64	202.57	313.11	347.29	n/a	200.36	n/a
Radial load (N)	2200	1770	1900	3300	2000	2000	1600	3300

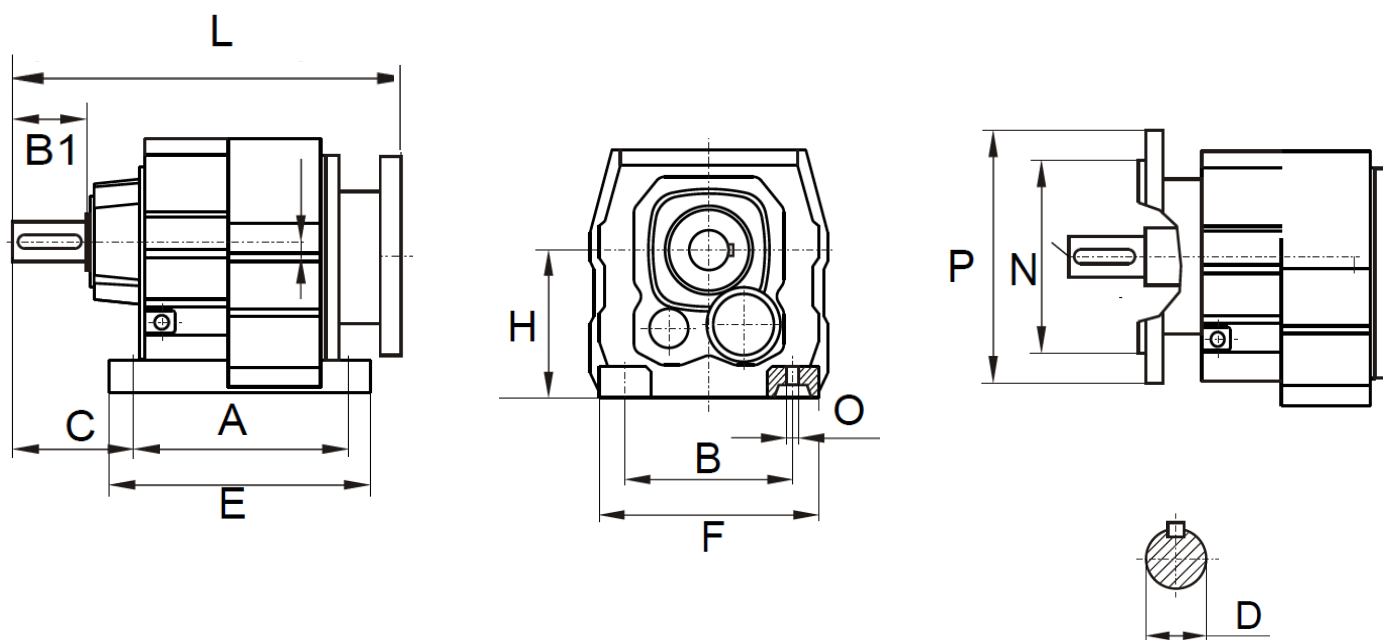


Dimensions	Varvel	SEW	Radicon	Nord	Motovario	Bonfiglioli	Flender	Watt
D	20	20	20	20	20	20	20	20
B1	40	40	40	40	40	40	40	40
C	58	58	58	52	58	58	58	53
A	110	110	110	60	80	50+37	110	80
B	110	110	110	110	110-120	110	110	120
H	75	75	75	86	75	75	75	90
F	135	140	135	130	145	130	135	140
O	9	9	10	9	9	9	9	9
E	132	131	131	134	111	107	131	116
N	80,95,110	80,95,110	80,95,110	80,95,110	80,95	80,95,110	80,95,110	80,110,130
M (pcd)	100,115,130	100,115,130	100,115,130	100,115,130	100,115	100,115,130	100,115,130	100,130,165
P	120,140,160	120,140,160	120,140,160	120,140,160	120,140	120,140,160	120,140,160	120,160,200
L*	201	207	213	182	243.5	274	142.5	176

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size.



Make	Varvel	SEW	Radicon	Nord	Motovario	Bonfiglioli	Flender	Watt
Model	FRD2	R27	M03	SK12	H03	C21	D/Z38	HG50A
Shaft dia.	25	25	25	25	25	25	25	25
M2 max (Nm)	200	200	200	196	200	200	220	180
i min	2.55	3.41	3.59	2.96	4.7	2.7	4.77	5.59
i max /2	62.13	28.32	53.54	72.63	47.25	63.3	44.12	75.56
I max /3	629.04	134.82	197.6	420.83	245.7	261.1	191.75	320.36
Radial load (N)	3500	4950	3150	4000	5500	4950	4500	5600

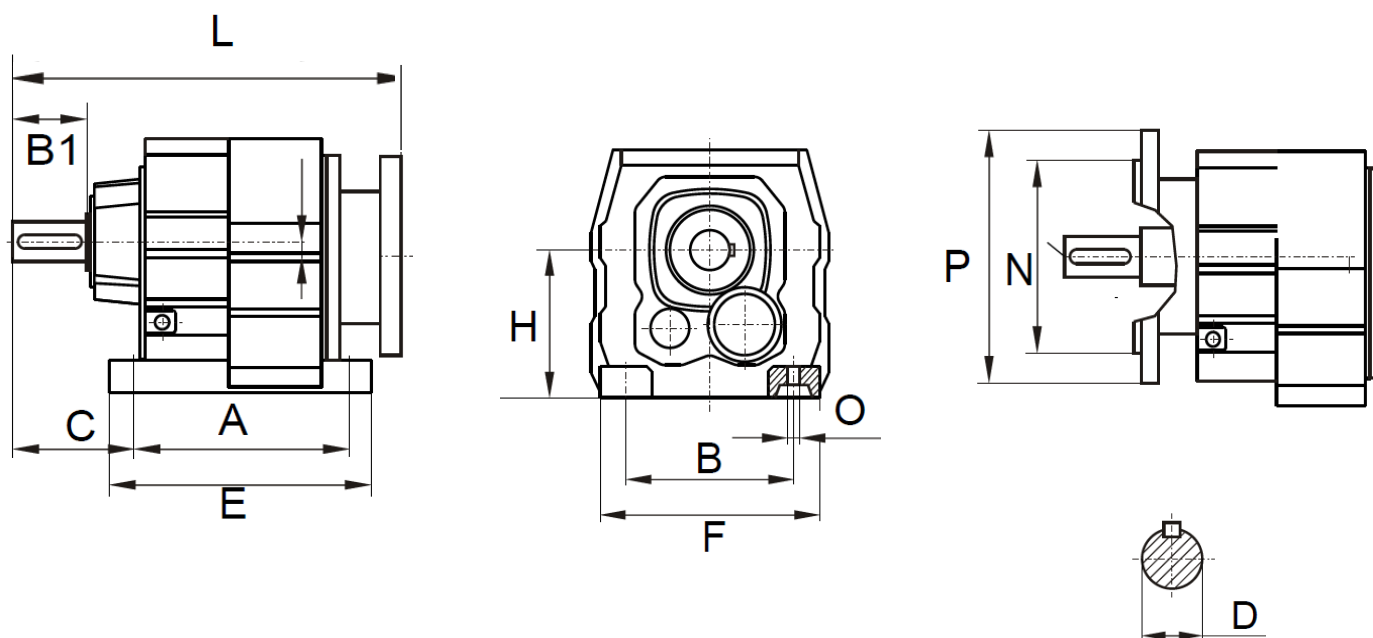


Dimensions	Varvel	SEW	Radicon	Nord	Motovario	Bonfiglioli	Flender	Watt
D	25	25	25	25	25	25	25	25
B1	50	50	50	50	50	50	50	50
C	75	75	75	78	75	68	75	63
A	130	130	130	62	130	60+47.5	130	105
B	110	110	110	105	110	130	110	150
H	90	90	90	102	90	100	90	110
F	140	145	145	135	140	155	163	180
O	9	9	10	9	11	11	9.8	9
E	153	160	152	139	160	137	160	127
N	95,110,130	95,110,130	95,110,130	95,110,130	95,110,130	95,110,130	110,130	80,110,130
M (pcd)	115,130,165	115,130,165	115,130,165	115,130,165	115,130,165	115,130,165	130,165	100,130,165
P	140,160,200	140,160,200	140,160,200	140,160,200	140,160,200	140,160,200	160,200	120,160,200
L*	242	243	267	205	281	358	190	212

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size.



Make	Varvel	SEW	Radicon	Nord	Motovario	Bonfiglioli	Flender	Watt
Model	FRD3	R47	M04	SK22	H04	C31	D/Z48	HG55A
Shaft dia.	30	30	30	30	30	30	30	30
M2 max (Nm)	400	300	340	374	300	300	450	270
i min	2.42	3.8	3.59	2.8	5.46	2.9	4.3	5.98
i max /2	63.33	33.8	54	86.3	54.2	66.8	51.3	80.81
I max /3	646	176.9	195.8	516.7	282.1	274.7	208.7	342.63
Radial load (N)	5000	5420	7200	5600	6600	5500	8450	5600

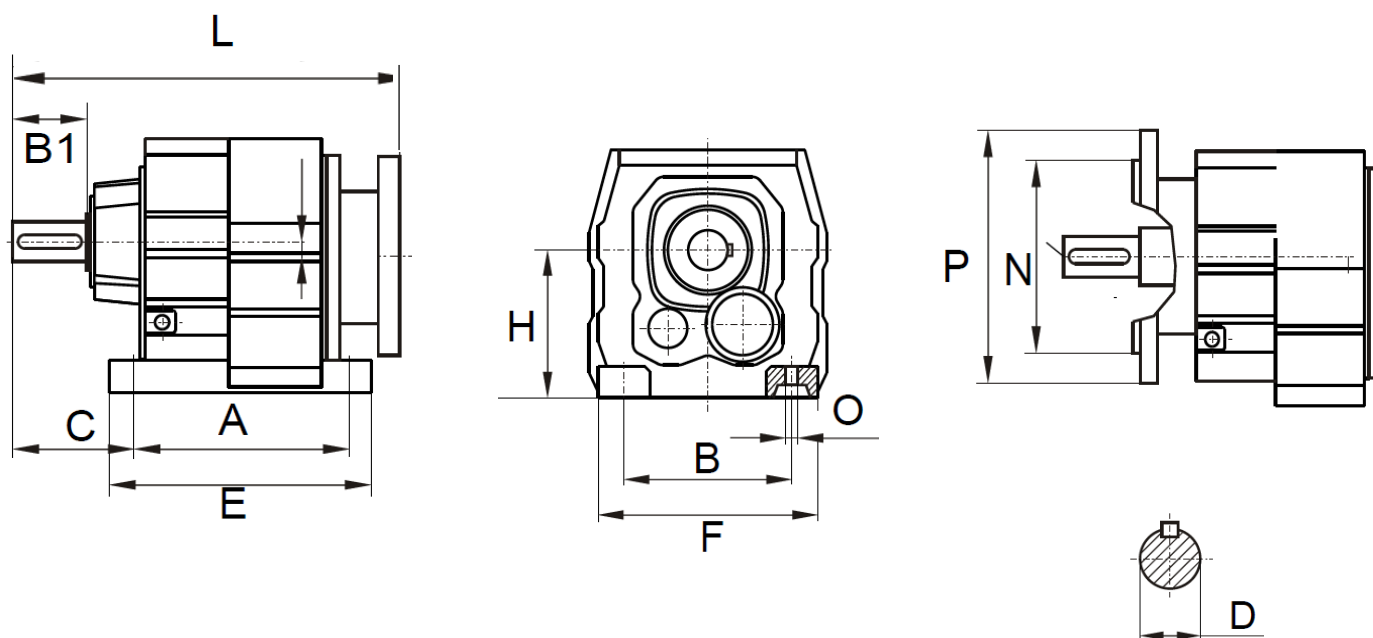


Dimensions	Varvel	SEW	Radicon	Nord	Motovario	Bonfiglioli	Flender	Watt
D	30	30	30	30	30	30	30	30
B1	60	60	60	60	60	60	60	60
C	90	90	90	74	90	78	85	78
A	165	165	165	80	165	70+60	130	105
B	135	135	135	160	135	160	135	160
H	115	115	115	125	115	110	115	120
F	190	170	190	185	190	190	220	190
O	11.5	13.5	15	11	14	11	9.8	11
E	195	195	200	175	195	156	200	135
N	110,130,180	110,130,180	110,130,180	110,130	95,110,130	110,130,180	115	110,130,180
M (pcd)	130,165,215	130,165,215	130,165,215	130,165	115,130,165	130,165,215	115/115	130,165,215
P	160,200,250	160,200,250	160,200,250	160,200	140,160,200	160,200,250	120	160,200,250
L*	280	235	304	239	302	337	233	236

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size.



Make	Varvel	SEW	Radicon	Nord	Motovario	Bonfiglioli	Flender	Watt
Model	FRD4	R57	M05	SK32	H05	C41	D/Z48	HG65A
Shaft dia.	35,40	35	35	40	35	35	30,40	35,40
M2 max (Nm)	650	450	450	710	500	600	450	560
i min	2.34	4.39	3.59	2.96	5.73	2.7	4.3	5.4
i max /2	62.96	26.31	54	81.27	56.11	44.8	51.3	75.25
I max /3	664.61	186.89	195.8	740.32	267.65	209.1	208.7	484.81
Radial load (N)	8000	7110	7200	9000	8000	7000	8450	8000

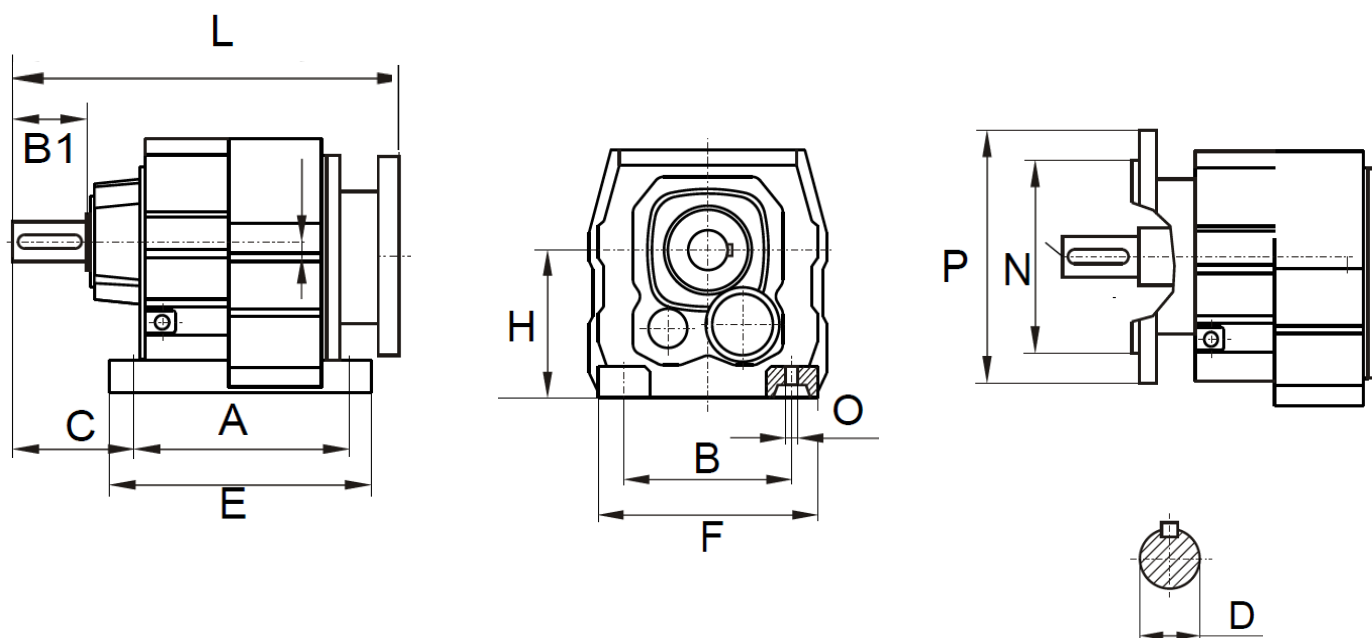


Dimensions	Varvel	SEW	Radicon	Nord	Motovario	Bonfiglioli	Flender	Watt
D	35,40	35	35	40	35	35	30,40	35,40
B1	70,80	70	70	80	70	70	60,80	70,80
C	100,110	100	100	96	100	91	95.5,110.5	92,102
A	195	165	165	120	165	149.5	165	125
B	150	135	135	185	135	180	135	180
H	130	115	115	155	115	130	115	145
F	195	190	190	185	185	205	220	190
O	13.5	14	15	13	14	14	13.5	14
E	221	200	200	214	201	186	200	165
N	130,180,230	130,180	110,130,180	110,130	130,180	130,180	130,180,230	130,180,230
M (pcd)	165,215,230	165,215	130,165,215	130,165	165,215	165,215	165,215,230	165,215,230
P	200,250,300	200,250	160,200,250	160,200	200,250	200,250	200,250,300	200,250,300
L*	335,345	280	244	351	347	402.5	233,253	203,213

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size.



Make	TEC	Varvel	SEW	Radicon	Nord	Motovario	Bonfiglioli	Flender
Model	WR76	FRD5	R77	M07	SK32	H06	C51	D/Z68
Shaft dia.	40	40,50	40	40	40	40	40	40,50
M2 max (Nm)	820	1300	820	850	710	850	1000	800
i min	5.31	2.32	5.31	3.68	2.96	5.38	2.6	3.49
i max /2	23.37	66.67	23.37	53.96	81.27	46.06	57	48.09
I max /3	195.24	629.63	195.24	195.15	740.32	268	216.7	281.01
Radial load (N)	9920	12000	9920	9200	9000	12000	10000	12900

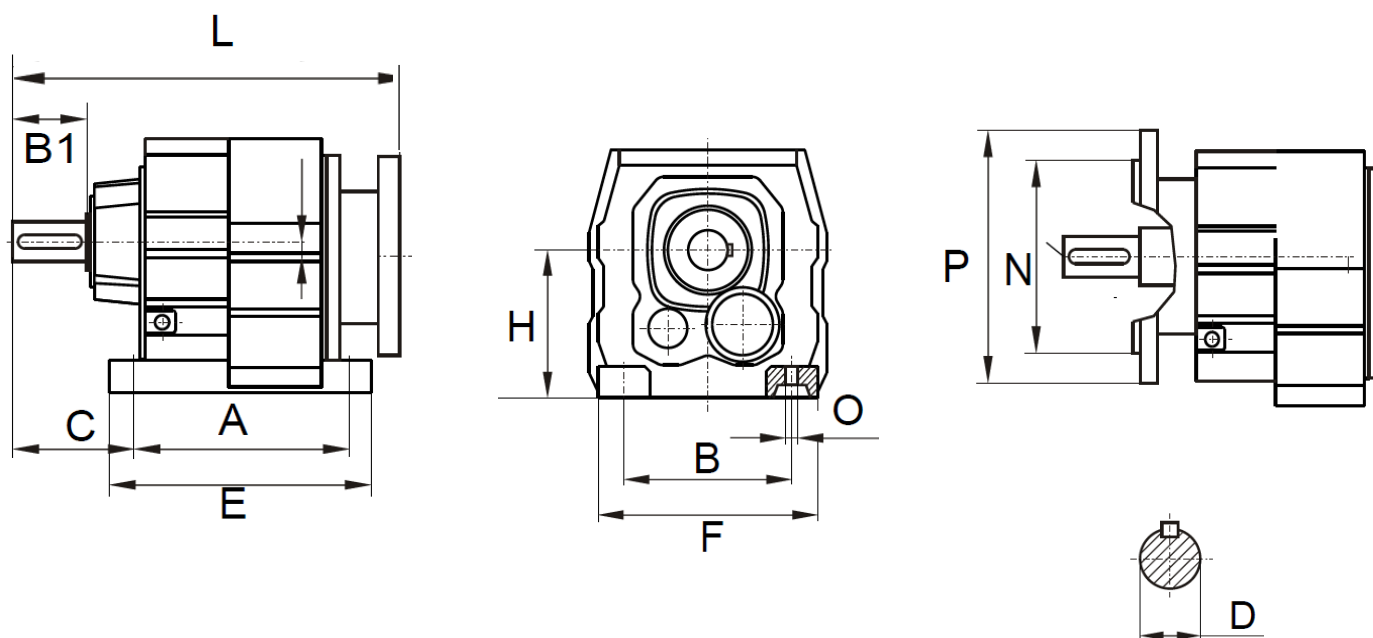


Dimensions	TEC	Varvel	SEW	Radicon	Nord	Motovario	Bonfiglioli	Flender
D	40	40,50	40	40	40	40	40	40,50
B1	80	80,100	80	80	80	80	80	80,100
C	115	115,135	115	115	96	115	105	115,135
A	205	205	205	205	120	205	156	205
B	170	170	170	170	185	170	225	170
H	140	140	140	140	155	140	155	140
F	227	254	230	230	210	220	270	263
O	17.5	18	17.5	19	13	16	18	17.5
E	245	254	245	245	214	255	200	245
N	180,230	180,230,250	180,230	130,180,230	130,180	130,180,230	180,230	180,230
M (pcd)	215,230	215,265,300	215,230	165,215,265	165,215	165,215,265	215,230	215,230
P	250,300	250,300,350	250,300	200,250,300	200,250	200,250,300	250,300	250,300
L*	453	402,422	300	406	299	401	479	289,309

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size.

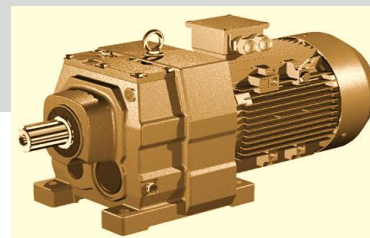


Make	TEC	Varvel	SEW	Radicon	Nord	Motovario	Bonfiglioli	Flender
Model	WR86	FRD6	R87	M08	SK42	H08	C61	D/Z88
Shaft dia.	50	50,60	50	50	45	50	50	50,60
M2 max (Nm)	1550	2220	1550	1500	1289	1800	1800	1680
i min	5.3	2.32	5.3	3.68	3.02	5.39	2.8	4.87
i max /2	27.84	56	34.4	55.8	105.08	48.13	38	50.7
I max /3	246.54	560	246.54	201.75	1071.82	222.78	195.8	300.4
Radial load (N)	16900	18000	16900	16200	12000	18000	16000	18900

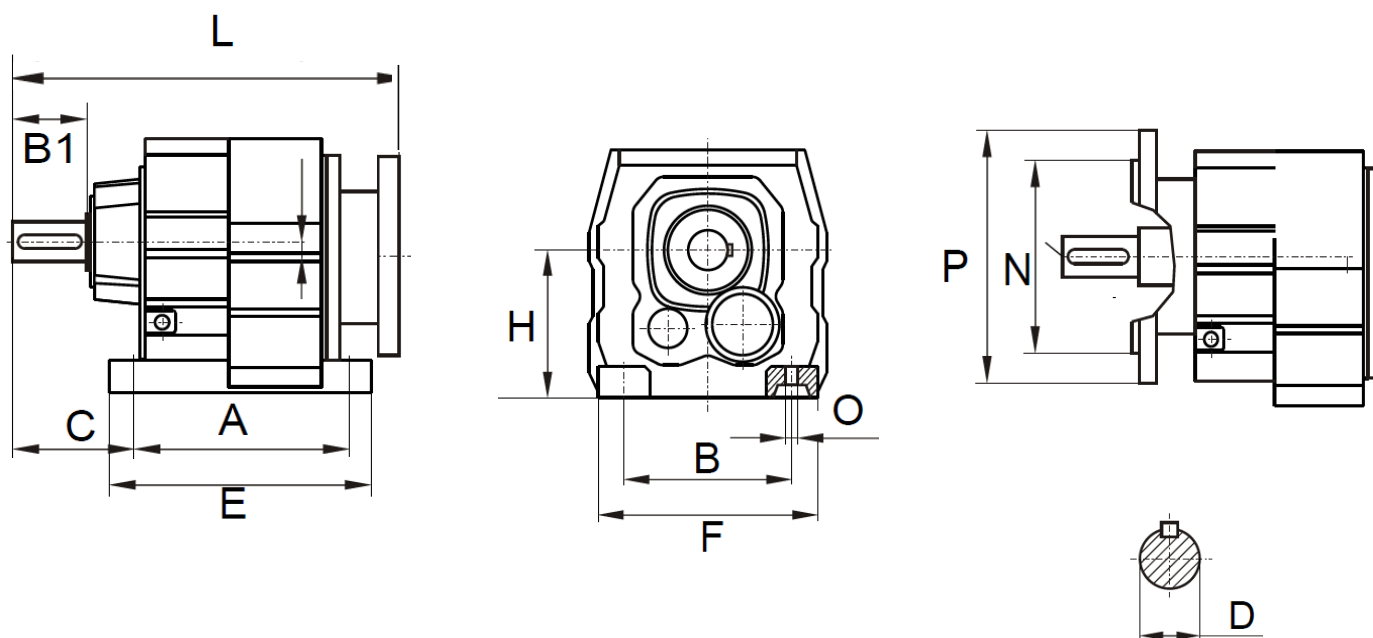


Dimensions	TEC	Varvel	SEW	Radicon	Nord	Motovario	Bonfiglioli	Flender
D	50	50,60	50	50	45	50	50	50,60
B1	100	100,120	100	100	90	100	100	100,120
C	140	140,160	140	140	130	140	125	140,160
A	260	260	260	260	120	260	156	260
B	215	215	215	215	175	215	225	215
H	180	180	180	180	175	180	195	180
F	290	300	290-	290	215	280	300	332
O	17.5	18	17.5	19	13	18	18	17.5
E	320	305	310	310	239	315	232	310
N	230,250	180,230,250	230,250	230,250	130,180	230,250	230,250	230,250
M (pcd)	265,300	215,265,300	265,300	265,300	165,215	265,300	265,300	265,300
P	300,350	250,300,350	300,350	300,350	200,250	300,350	300,350	300,350
L*	520	479,499	372	362	351	421	532	366,386

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size.



Make	TEC	SEW	Radicon	Nord	Motovario	Bonfiglioli	Rossi	Flender
Model	WR96	R97	M09	SK62	H10	C70	E04-126	D/Z108
Shaft dia.	60	60	60	65	60	60	70	60,70
M2 max (Nm)	3000	3000	2860	3700	3500	2300	3550	3100
i min	4.5	4.5	1.48	2.97	5.26	4.6	6.35	5.51
i max /2	32.05	32.05	68.74	48.73	51.52	34.7	19	59.05
I max /3	289.74	289.74	247.96	372.21	242.59	239.3	146	359.3
Radial load (N)	19800	19800	28000	28200	22000	25000	25000	20500

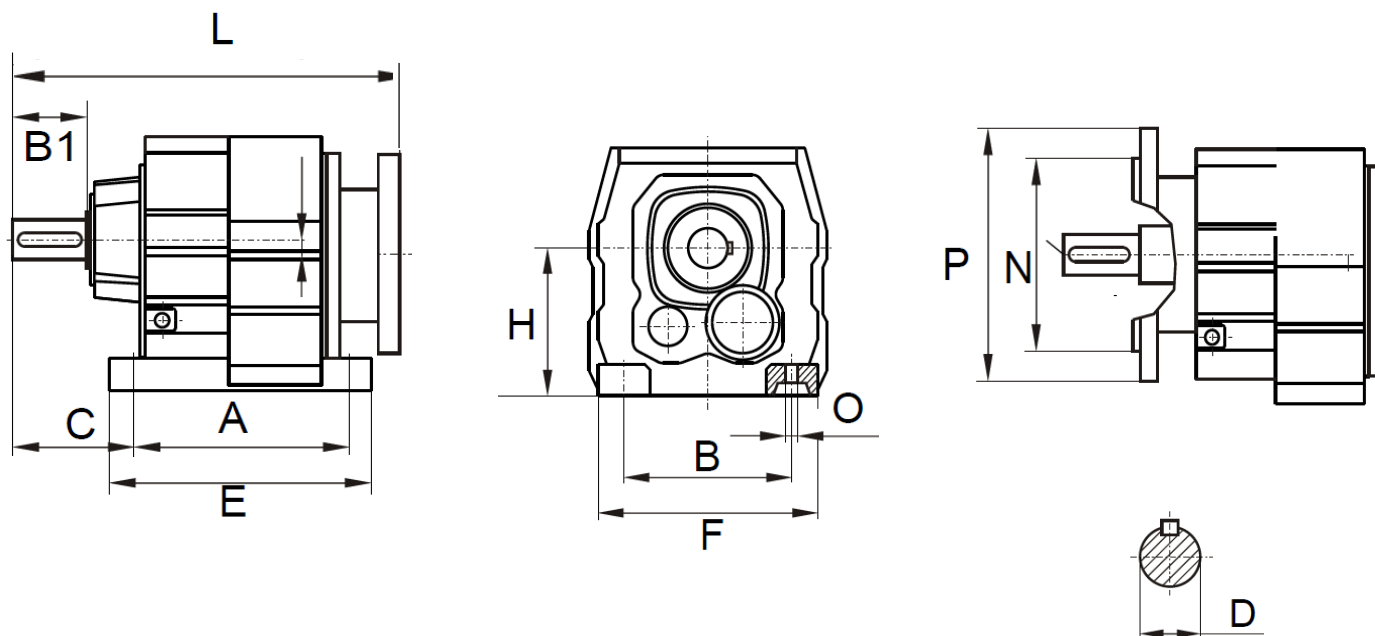


Dimensions	TEC	SEW	Radicon	Nord	Motovario	Bonfiglioli	Rossi	Flender
D	60	60	60	65	60	60	70	60,70
B1	120	120	120	130	120	120	105	120,140
C	160	160	160	164	160	145	164	159.5,179.5
A	310	310	310	295	310	165	200	310
B	250	250	250	260	250	300	297	250
H	225	225	225	250	225	210	236	225
F	340	340	340	330	330	350	345	410
O	22	22	23	22	22	22	26.5	22
E	365	365	365	345	365	222	264	365
N	250,350	250,350	350	230	230,250,300	250	350	250,350
M (pcd)	300,400	300,400	400	265	265,300,350	300	400	300,400
P	350,450	350,450	450	300	300,350,400	350	450	350,450
L*	585	585	591	716	584	600	432	431

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size.



Make	TEC	SEW	Radicon	Nord	Motovario	Bonfiglioli	Rossi	Flender
Model	WR106	R107	M10	SK72	H12	C80	E04-140	D/Z128
Shaft dia.	70	70	70	75	70	80	80	70,90
M2 max (Nm)	4300	4300	4410	5650	5000	4000	5000	5100
i min	4.92	8.56	1.44	2.76	5.27	5.6	9.92	3.63
i max /2	30.77	30.77	62.05	43.71`	44.1	39.1	19	44.19
I max /3	251.15	251.15	227.5	205.61	230.92	215.9	146	268.16
Radial load (N)	29500	29500	40000	28000	30000	35000	31500	40000

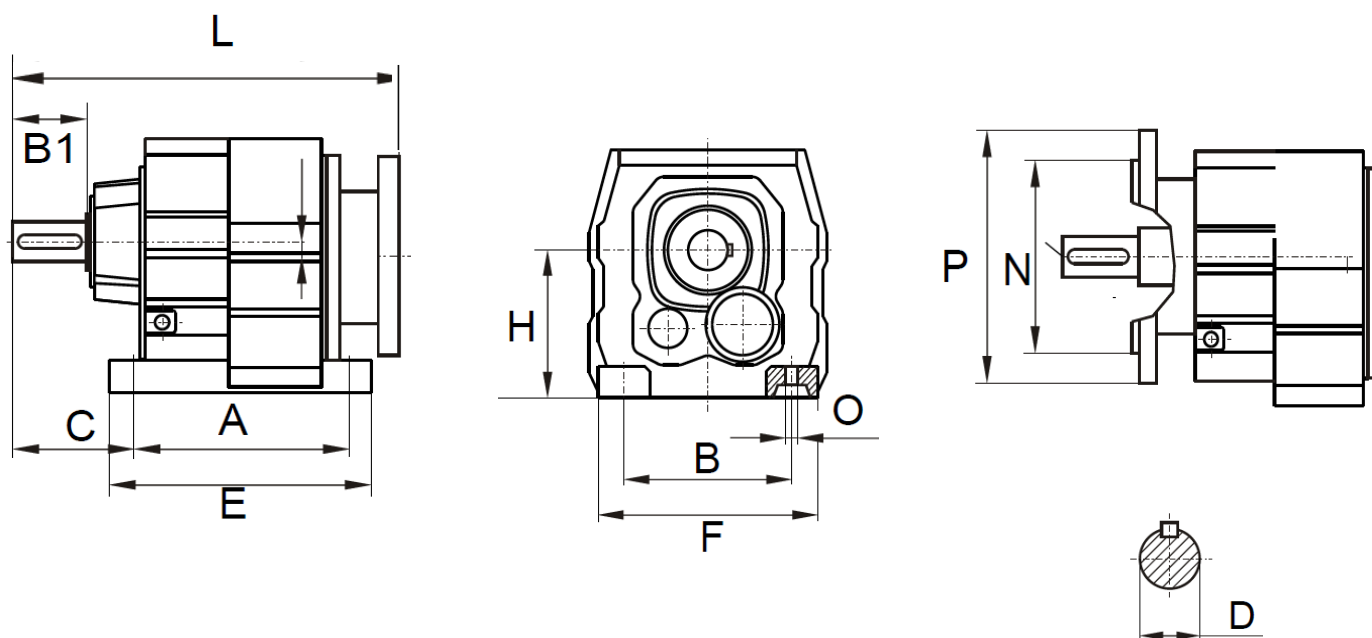


Dimensions	TEC	SEW	Radicon	Nord	Motovario	Bonfiglioli	Rossi	Flender
D	70	70	70	75	70	80	80	70,90
B1	140	140	140	140	140	140	130	140,170
C	185	185	185	199	185	173	189	195,225
A	370	370	370	330	370	210	218	370
B	290	290	290	325	290	370	297	290
H	250	250	250	280	250	250	250	250
F	400	400	400	400	406	440	345	462
O	26	26	27	26	26	26	26.5	26
E	440	440	440	385	440	277	282	440
N	250,350	250,350	350	230	300	300	250	250,350
M (pcd)	300,400	300,400	400	265	350	350	300	300,400
P	350,450	350,450	450	300	400	400	350	350,450
L*	664	663	631	827	701.5	705.5	475	514

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size.



Make	TEC	SEW	Radicon	Nord	Motovario	Bonfiglioli	Rossi	Flender
Model	WR136	R137	M13	SK82	H14	C90	E04-180	D/Z148
Shaft dia.	90	90	90	90	90	90	100	90,100
M2 max (Nm)	8000	8000	4410	5650	8000	7200	10000	8000
i min	5.1	5.15	2.9	2.89	5.27	5.2	8.43	4.92
i max /2	29.6	29.57	63.29	48.82	43.05	35.1	19.5	57.5
I max /3	222.6	222.6	225.65	216.61	206.08	172.1	123	336.11
Radial load (N)	53400	53400	64000	65000	55000	60000	50000	44000

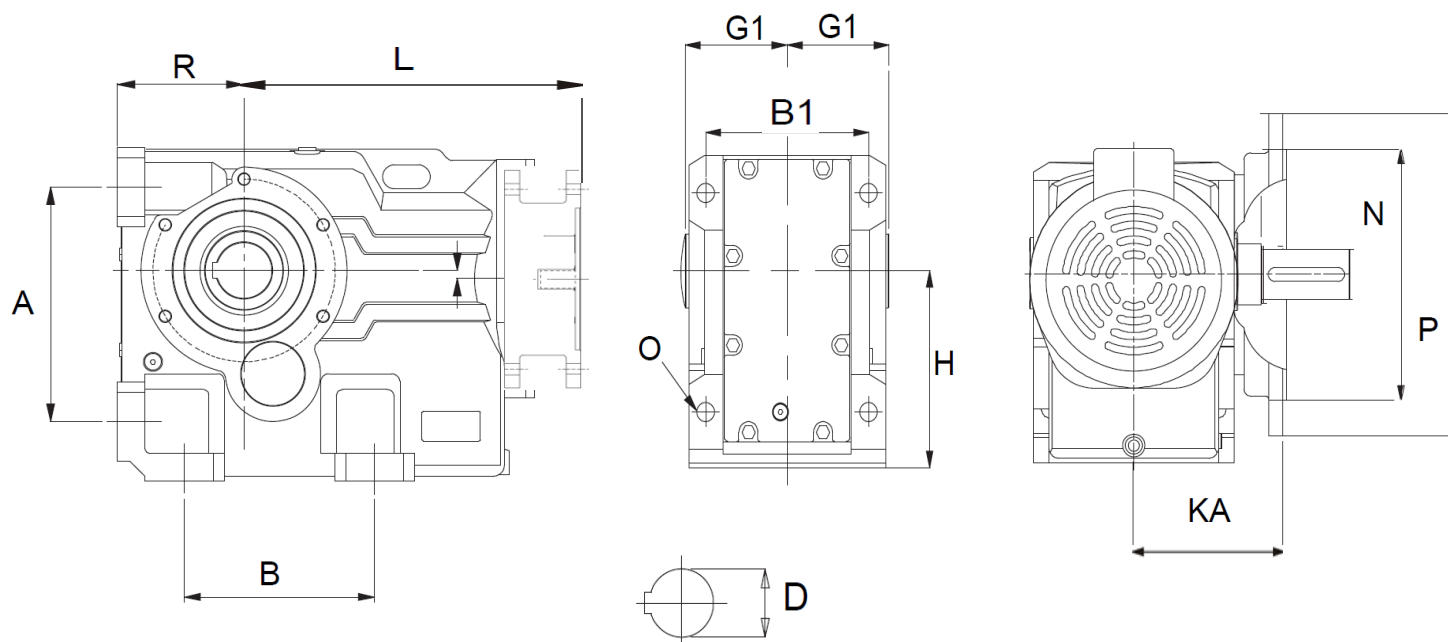


Dimensions	TEC	SEW	Radicon	Nord	Motovario	Bonfiglioli	Rossi	Flender
D	90	90	90	90	90	90	100	90,100
B1	170	170	170	170	170	170	130	170,210
C	220	220	220	215	220	210	198.5	220,260
A	410	410	410	400	410	250	250	410
B	340	340	340	360	340	440	373	340
H	315	315	514	315	315	300	295	315
F	450	450	450	450	450	520	430	510
O	33	33	34	33	26	33	31.5	33
E	490	490	490	472	490	339	326	490
N	350,450	350,450	450	350	350	350	350	350,450
M (pcd)	400,500	400,500	500	400	400	400	400	400,500
P	450,550	450,550	550	450	450	450	450	450,550
L*	751	750	909	913.5	761	847	604	581

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size.



Make	TEC	Varvel	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
Model	TKM38	FRO13	K37	K0332	SK92372	BA5	GKS04	A10	K38
Hollow bore	25,28	25,30	30	30	30	25,28	25,30	25,30	30
Solid shaft	25	25	25	25	25	25	25	25	30
M2 max (Nm)	200	180	200	225	220	220	195	150	250
i min	7.6	7.58	3.98	8.33	5.3	7.91	5.12	5.5	5.65
I max (3 stg)	302.5	320.15	106.38	125.96	62.85	342.65	163.33	91.6	179.13
Radial load (N)	4800	5300	5640	6000	4700	4000	7000	5500	6446

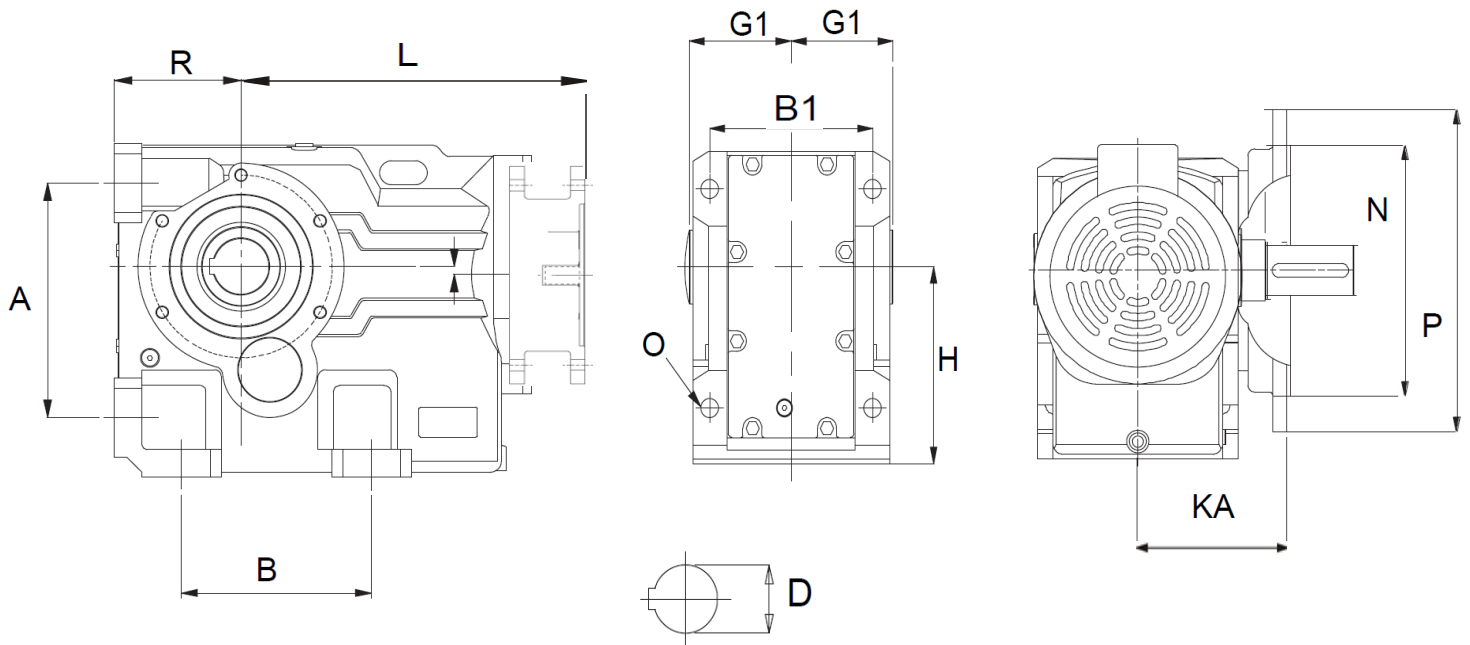


Dimensions	TEC	Varvel	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
D	25,28	25,30	30	30	30	25,28	25,30	25,30	30,35
R	72	70	63	63	80	80	71	70	80
A	130	100	115	115	110	110	119	100	95
B	100	100	110	110	100	110	110	100	100
B1	85	75	60	60	120	80	85	75	100
H	72	70	100	100	80	80	100	70	80
G1 + G1	112	120	120	120	164	112	100	120	142
O	8.5	10	11	11	9	9	9	9.5	9
KA	98	91.5	84	84	120	80,110	103.5	91.5	97
N	130	110,130	110	110	110,130	115	130	110,130	110,130
M (pcd)	165	130,165	130	130	130,165	150	165	130,165	130,165
P	200	160,200	160	160	160,200	180	200	160,200	160,200
R + L*	216	267.5	210	291	247	328	227	312	249

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size but does not include the motor.



Make	TEC	Varvel	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
Model	TKM48	FRO23	K47	K0432	SK92672	BA7	GKS05	A20	K38
Hollow bore	28,30,35	30,35	35	35	35	30,35	30,35	30,35	30,35
Solid shaft	28	30	30	30	30	35	30	30	30
M2 max (Nm)	350	310	400	400	380	450	350	250	250
i min	7.48	6.62	4.64	8.05	4.85	8.36	6.86	5.4	5.65
I max (3 stg)	297.21	319.55	131.9	120.2	59.25	442.76	146.59	380.9	179.13
Radial load (N)	6500	6200	5920	6000	8100	10000	7300	6200	6446

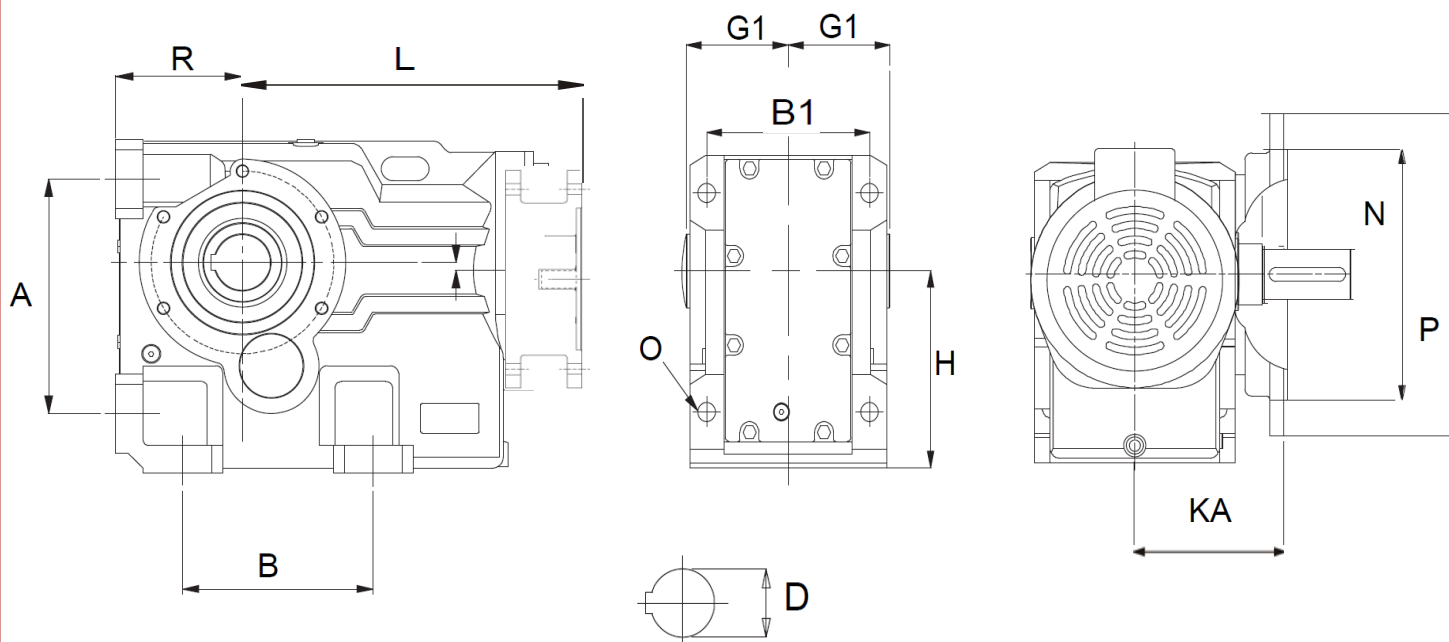


Dimensions	TEC	Varvel	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
D	30,35	30,35	35	35	35	30,35	30,35	30,35	30,35
R	86	80	71	71	100	90	80	80	80
A	153	120	130	130	130	110	140	120	95
B	120	120	130	130	130	110	115	120	100
B1	85	90	70	70	120	94.5	105	90	100
H	86	80	112	112	100	100	125	80	80
G1 + G1	120	140	150	150	170	140	124	140	142
O	11.5	10	11	11	11	12	11	9.5	9
KA	90,110	106	100	115	123	119	103.5	106	97
N	110,130	110,130	130	130	110,130	130	130	110,130	110,130
M (pcd)	130,165	130,165	165	165	130,165	165	165	130,165	130,165
P	160,200	160,200	200	200	160,200	200	200	160,200	160,200
R + L*	302	320.5	243	319	302	380.5	310	391	249

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size but does not include the motor.



Make	TEC	Varvel	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
Model	TKM58	FRO33	K57	K0532	SK92772	B063	GKS06	A353	K48
Hollow bore	35,38	35,40	40	40	40	35,40	40	35,40	40
Solid shaft	35	35	35	35	35	35	40	40	30
M2 max (Nm)	500	580	600	659	660	600	600	600	450
i min	7.48	6.43	11.26	8.11	4.81	5.71	6.86	5.4	7.22
I max (3 stg)	295.18	342.23	145.14	122.2	64.01	157.42	120.76	393.2	169.53
Radial load (N)	8300	9400	7630	7500	9000	12000	12000	9000	8500

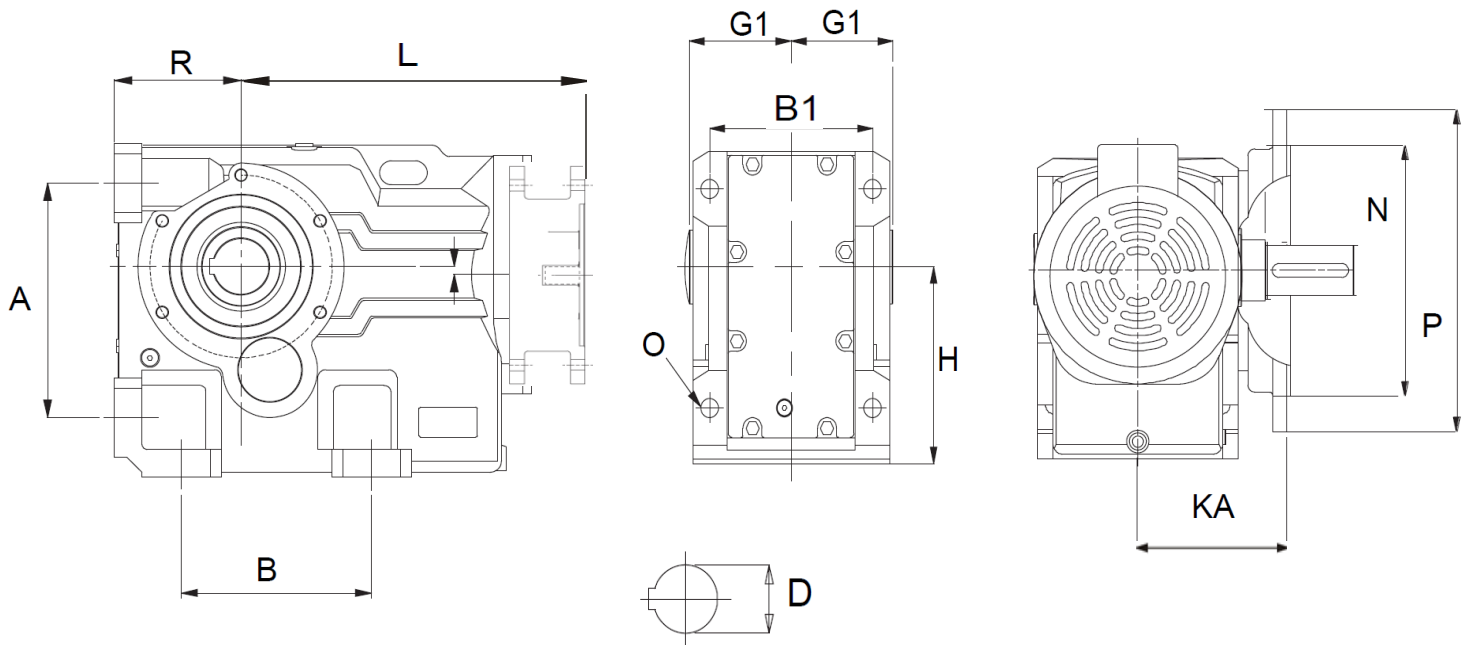


Dimensions	TEC	Varvel	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
D	35,38	35,40	40	40	40	35,40	40	35,40	40
R	103	90	80	80	112	88	100	100	71
A	172	126	150	150	130	126	170	146	130
B	140	126	130	130	130	130	155	146	130
B1	100	95	130	230	140	104	120	135	120
H	103	90	132	132	112	132	150	100	112
G1 + G1	140	160	166	166	192	140	140	177	142
O	13	12	13.5	14	13.5	14	14	12	11
KA	110,122	116	106.5	189	139	93.5	121.5	122.5	100
N	130,180	130,180	180	180	180	130,180	180	180,230	130
M (pcd)	165,215	165,215	215	215	215	165,215	215	215,265	165
P	200,250	200,250	250	250	250	200,250	250	250,300	200
R + L*	295	363	359	299	314	367	310	446.5	257

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size but does not include the motor.



Make	TEC	Varvel	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
Model	WK66	FRO43	K67	K0632	SK9022	B083	GKS07	A412	K68
Hollow bore	40	40, 45, 50	40	40	40	40	50,55	45	40
Solid shaft	40	40	40	40	35	40	50	45	50
M2 max (Nm)	820	1020	820	827	630	850	1220	850	820
i min	5.2	6.6	5.2	7.96	8.78	7.8	5.95	5.2	5.36
I max (3 stg)	144.8	289	144.79	119.92	139.72	144.8	283.19	376.8	243.7
Radial load (N)	12300	16470	12300	8000	9000	18000	16000	15000	10690

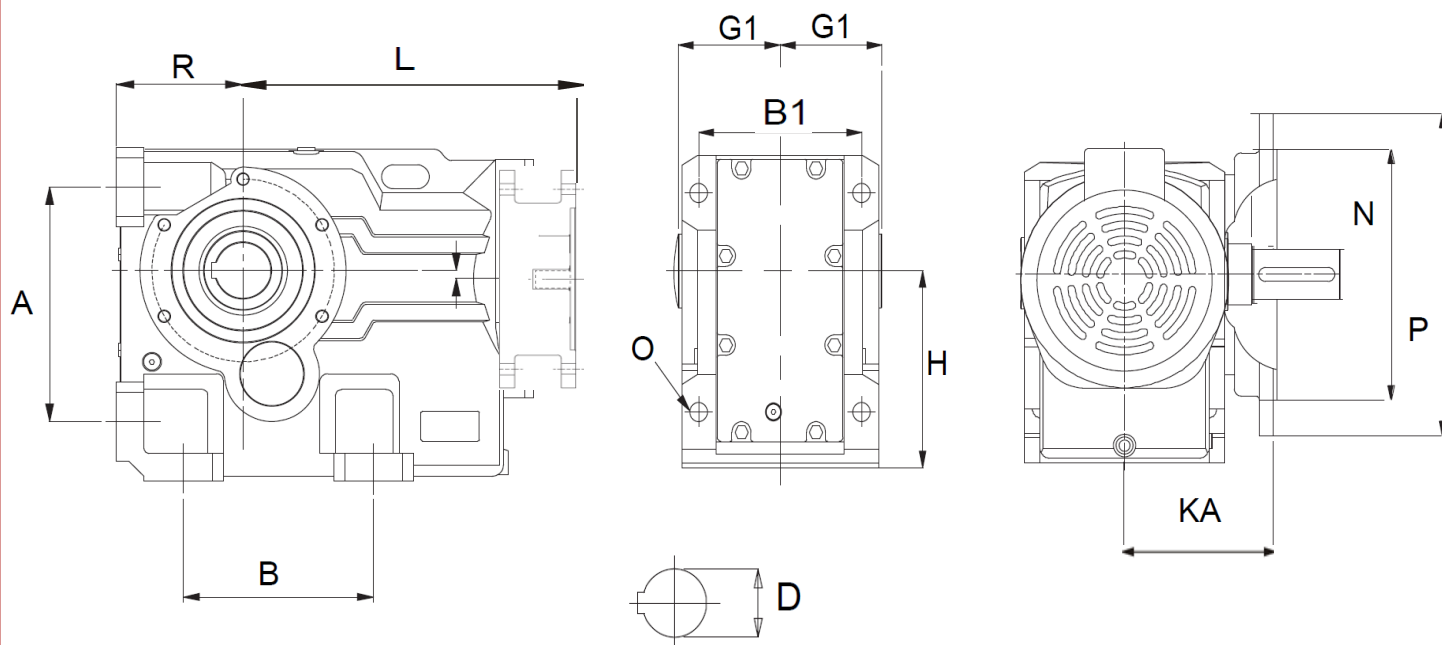


Dimensions	TEC	Varvel	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
D	40	40,50	40	40	40	40	50,55	45	40,50
R	90	112	90	90	100	90	120	112	90
A	160	160	160	160	130	130	210	160	160
B	120	160	120	120	120	120	190	160	120
B1	140	120	140	140	140	140	150	120	140
H	140	112	140	140	140	140	190	112	140
G1 + G1	180	186	180	180	180	180	175	186	180
O	13.5	14	13.5	13.5	14	14	18	14	13.5
KA	113	127.5	113	113	150	112	155.5	127.5	113
N	180	180,230	180	230	180	130,180	180,230	180,230	180
M (pcd)	215	215,265	215	265	215	165,215	215,265	215,265	215
P	250	250,300	250	300	250	200,250	250,300	250,300	250
R + L*	421	420.5	421	392	462	392	359	466	308.5

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size but does not include the motor.



Make	TEC	Varvel	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
Model	WK76	FRO53	K77	K0732	SK9032	B103	GKS07	A503	K88
Hollow bore	50	50,55,60	50	50	45,50	50	50,55	50,55	50,70
Solid shaft	50	50	50	50	45,50	50	50	50	50,70
M2 max (Nm)	1550	1790	1550	1600	1550	1800	1220	1500	1650
i min	7.24	6.48	7.24	8.6	8.48	8.1	5.95	24.0	5.54
I max (3 stg)	192.18	314.5	192.18	126.11	295.85	165	283.19	190.6	302.68
Radial load (N)	16100	19060	16100	13400	15000	22000	16000	20000	14810

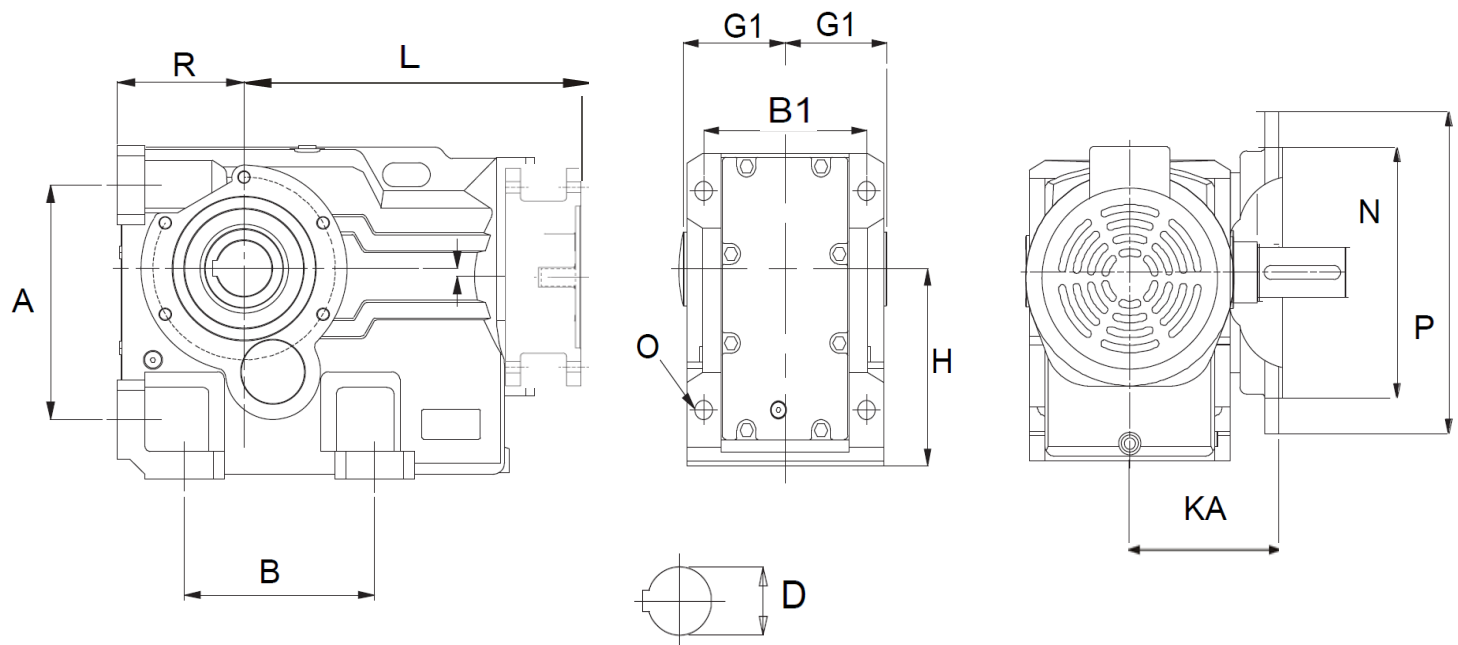


Dimensions	TEC	Varvel	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
D	50	50,55,60	50	50	45,50	50	50,55	50,55	50,70
R	112	140	112	112	112	112	120	140	112
A	200	205	200	200	190	160	210	205	200
B	150	205	150	150	150	180	190	205	150
B1	165	150	165	165	165	165	150	150	165
H	180	140	180	180	180	180	190	140	180
G1 + G1	210	228	210	210	210	210	175	210	200
O	17.5	16	17.5	18	16	18	18	16	18
KA	142	160	142	142	160	125	155.5	160	142
N	230	230,250	230	230	230,250	230,250	180,230	230,250	230
M (pcd)	265	265,300	265	265	265,300	265,300	215,265	265,300	265
P	300	300,350	300	300	300,350	300,350	250,300	300,350	300
R + L*	466.5	532	466.5	466	472	483.5	359	571	372

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size but does not include the motor.



Make	TEC	Varvel	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
Model	WK86	FRO63	K87	K0832	SK9042	B123	GKS09	A603	K108
Hollow bore	60	60,65,70	60	60	60	60	60,70	60,70	60,80
Solid shaft	60	60	60	60	60	60	60	60,70	60,80
M2 max (Nm)	2800	3400	2800	2700	2800	3500	3000	2800	3000
i min	7.2	6.43	7.21	8.13	8.83	8.0	12.283	25.7	7.68
I max (3 stg)	197.4	305.43	197.37	123.33	329.69	180.4	314.66	185.8	307.24
Radial load (N)	27300	22500	27300	20000	28000	30000	24000	30000	28000

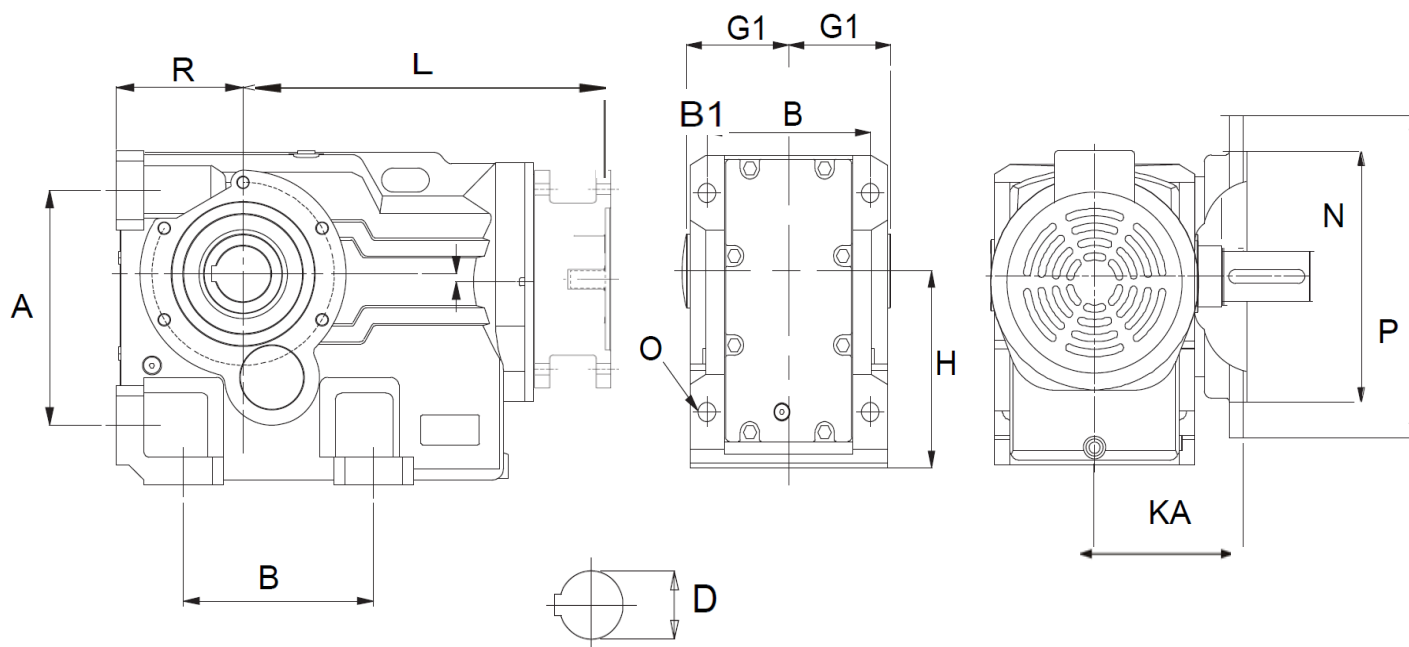


Dimensions	TEC	Varvel	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
D	60	60,65,70	60	60	60	60	60,70	60,70	60,80
R	132	165	132	132	132	132	150	165	132
A	233	245	233	233	220	220	266	245	233
B	180	245	180	180	180	180	240	245	180
B1	180	195	180	180	180	180	185	195	180
H	212	165	212	212	212	212	236	165	212
G1 + G1	240	250	240	240	240	240	240	250	230
O	22	18	22	23	22	22	22	18.5	22
KA	150	170	150	165	165	150	180.5	170	156
N	250	230,250	250	250	250	250	250	230,250	250
M (pcd)	300	265,300	300	300	300	300	300	265,300	300
P	350	300,350	350	350	350	350	350	300,350	350
R + L*	536.5	599.5	536.5	580	472	483.5	392	571	463.5

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size but does not include the motor.



Make	TEC	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
Model	WK96	K97	K0931	SK9052	B143	GKS11	A703	K128
Hollow bore	70	70	70	60,70	70	70,80	70,80	70
Solid shaft	70	70	70	70	70	80	80	90
M2 max (Nm)	4300	4300	4210	4800	5000	5900	5000	4700
i min	7.5	7.54	8.04	8.1	8.4	12.283	9.4	7.1
I max (3 stg)	176.1	176.05	145.0	289.61	187.2	322.5	153.7	295.3
Radial load (N)	40000	40000	34000	37000	45000	30000	50000	28510

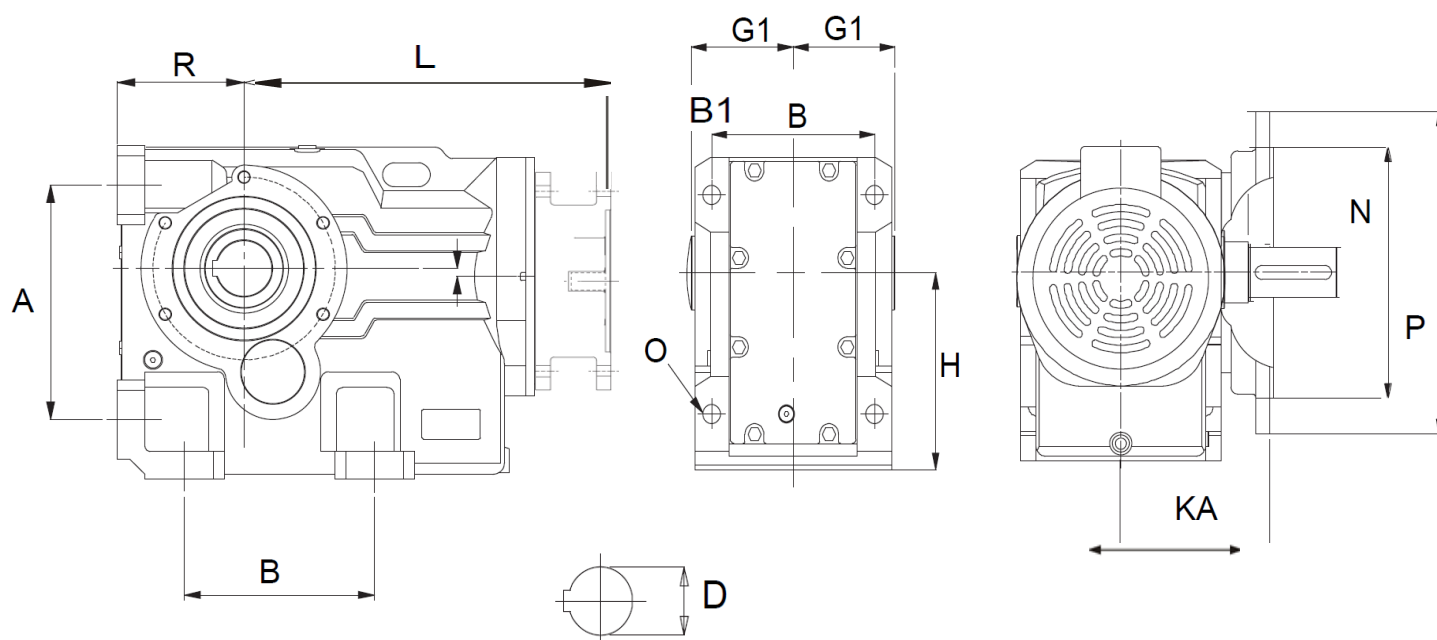


Dimensions	TEC	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
D	70	70	70	60,70	70	70,80	70,80	70
R	160	160	160	185	160	185	155	160
A	295	295	295	280	280	325	294	295
B	240	240	240	270	240	290	294	240
B1	240	240	240	240	240	225	230	240
H	265	265	265	296	265	300	229	265
G1 + G1	300	300	300	300	300	250	305	300
O	26	26	27	26	22	26	22	26
KA	192	192	201	201	187.5	205.5	220	191.5
N	350	350	350	300,350	300	300,350	350,450	350
M (pcd)	400	400	400	350,400	350	350,400	400,500	400
P	450	450	450	400,450	400	400,450	450,550	450
R + L*	581.5	581	614	487	587	540	626	531

* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size but does not include the motor.



Make	TEC	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
Model	WK106	K107	K1031	SK9072	B153	GKS14	A803	K148
Hollow bore	90	90	80	90,80	90,80	100	80,90	90
Solid shaft	90	90	90	90	90	100	90	100
M2 max (Nm)	8000	8000	7190	8500	8000	10000	8000	8000
i min	7.35	7.35	8.263	9.16	10.5	16.65	9.8	4.83
I max (3 stg)	143.47	143.47	144.9	245.76	165.4	156.52	156.8	306.08
Radial load (N)	65000	65000	43100	65000	65000	40000	65000	23240



Dimensions	TEC	SEW	Radicon	Nord	Motovario	Lenze	Bonfiglioli	Flender
D	90	90	80	90,80	90,80	100	80,90	90
R	200	200	200	200	200	230	185	200
A	360	360	360	360	330	415	331	360
B	280	280	280	280	280	360	331	280
B1	270	270	270	270	270	275	275	270
H	315	315	315	315	315	375	272	315
G1 + G1	350	350	350	350	350	305	360	350
O	33	33	34	33	26	33	26	33
KA	216	216	235	227	208	235.5	250	216
N	350	350	350	350,450	350	350	350,450	350
M (pcd)	400	400	400	400,500	400	400	400,500	400
P	450	450	450	450,550	450	450	450,550	450
R + L*	709.5	537	732	568	714	639	774.5	622

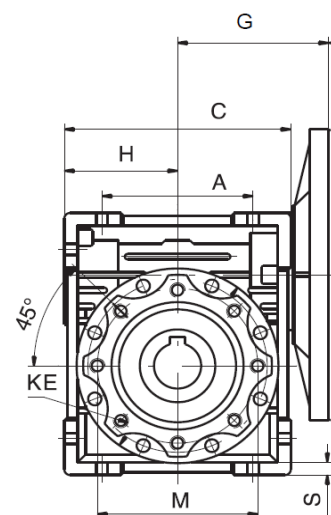
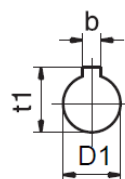
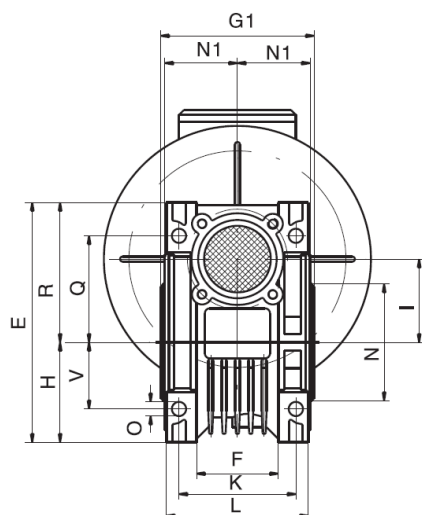
* This dimension is only approximate and can change depending on whether it is a compact motor fitting and by motor frame size but does not include the motor.



Differences to TEC Dimensions Highlighted in Yellow

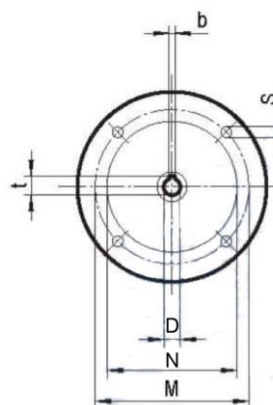
Manufactures Highlighted in Green Denote a Round Bodied Casing

Manufacture	Size/Ref	D	L	G Max	E	H	A	K	V	Q	Weight (Kg)
TEC	FCNDK030	14	56	55	97	40	54	44	27	44	1.2
Varvel/TEC	RT28	14	53	57.5	97	40	54	44	27	44	1.1
Motovario	NMRV030	14	56	55	97	40	54	44	27	44	1.1
Chiaravalli	CHM030	14	56	55	97	40	54	44	27	44	1.2
Transtecno	CM030	14	56	55	97	40	54	44	27	44	1.2
Hydromec	Q 30	14	55	62.5	97	40	54	44	27	44	1.15
STM	WI 30	14	56	55	97	40	54	44	27	44	1.2
SITI	MU 30	14	56	54.5	90	42	52	41	26	30	0.9
SEW	W10	16	78	58	103	45	55	65	25	30	5.3
NORD	SK 1SI 31	14	63	86.5	97	40	54	44	27	44	1.3
Varvel/TEC	RS28	14	64	57.5	99	52	N/A	N/A	N/A	N/A	1.1
Motovario	SW030	14	63	55	94.5	37.5	N/A	N/A	N/A	N/A	1.2
Bonfiglioli	VF030	14	80	52	105	55	N/A	N/A	N/A	N/A	1.1
Chiaravalli	CH03	14	63	52	90	40	N/A	N/A	N/A	N/A	1
Hydromec	P 30	14	55	62.5	91	39	N/A	N/A	N/A	N/A	1.05
STM	RI 30	14	78	51	80	52	N/A	N/A	N/A	N/A	1.4
SITI	MI30	14	55	-	90	42	N/A	N/A	N/A	N/A	1.6



Input Motor Flange Dimensions							
Ref	D	P	M	N	b	s	t
56B14	9	80	65	50	3	5	10.4
56B5	9	120	100	80	3	7	10.4
63B14	11	90	75	60	4	9	12.8
63B5	11	140	115	95	4	9	12.8
71B14	14	105	85	70	5	7	16.3
71B5	14	160	130	110	5	9	16.3
80B14	19	120	100	80	6	7	21.8
80B5	19	200	165	130	6	11	21.8
90B14	24	140	115	95	8	9	27.3
90B5	24	200	165	130	8	11	27.3
100-112B14	28	160	130	110	8	9	31.3
100-112B5	28	250	215	180	8	13.5	31.3
132B14	38	200	165	130	10	11	41.3
132B5	38	300	265	230	10	13.5	41.3
160B5	42	350	300	250	12	17	45.3

Input Flange



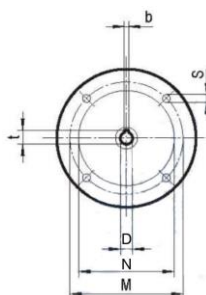


Differences to TEC Dimensions Highlighted in Yellow

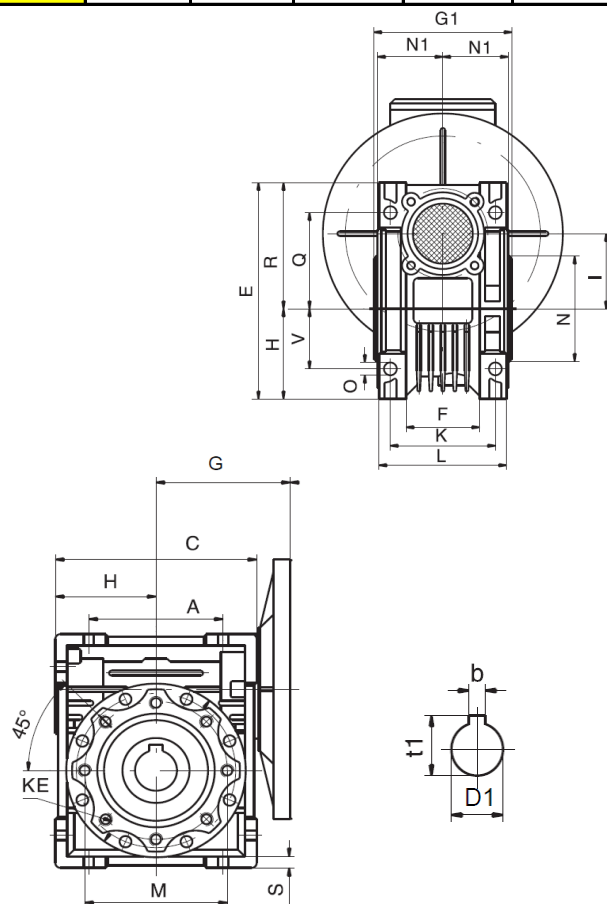
Manufactures Highlighted in Green Denote a Round Bodied Casing

Manufacture	Size/Ref	D	L	G Max	E	H	A	K	V	Q	Weight (Kg)
TEC	FCNDK040	18 (19)	71	70	121.5	50	70	60	35	55	2.3
Varvel/TEC	RT40	19 (18/20)	71	70.5	121.5	50	70	60	35	56.5	2.5
Motovario	NMRV040	18 (19)	71	70	121.5	50	70	60	35	55	2.3
Chiaravalli	CHM040	18	71	70	121.5	50	70	60	35	55	2.3
Transtecno	CM040	18	71	70	121.5	50	70	60	35	55	2.3
Hydromec	Q 45	18 (19/20)	65	80	121.5	50	70	60	35	55	2.3
STM	WI 30	18	71	70	121.5	50	70	60	35	55	2.3
STM	UI 40	18	71	70	121.5	50	70	60	35	55	2.1
SITI	MU 40	18 (19)	71	65	121.5	50	70	60	35	55	2
Rossi A04	RV 32	19	66	76	119	71	61	52	30.5	30.5	3
Rossi AS07	118	18	60	76.5	117	68	65	46	-	-	7.2
SEW	S37	20	108	186	143	80	80-63	90	40	40	8.8
SEW	W20	20	90	71	118	50	60	75	30	30	6.6
SEW	W30	20	107	81	143	63	70	90	35	35	9.1
NORD	SK 1SI 50	18	78	114.5	121.5	50	70	60	35	55	2.4
Varvel/TEC	RS40	19 (18/20)	76	70.5	120.5	71	N/A	N/A	N/A	N/A	2.5
Motovario	SW040	18 (19)	78	70	112	42	N/A	N/A	N/A	N/A	2.3
Bonfiglioli	VF044	18	98	65	143	72	N/A	N/A	N/A	N/A	2
Chiaravalli	CH04	18	65	65	123.3	52.2	N/A	N/A	N/A	N/A	2.1
Hydromec	P 45	18 (19/20)	65	74	121	49	N/A	N/A	N/A	N/A	2.4
STM	RI 40	19 (18)	102	70.5	111	71	N/A	N/A	N/A	N/A	2.1
SITI	MI 40	19	82	72	118	48	N/A	N/A	N/A	N/A	2.5

Input Motor Flange Dimensions							
Ref	D	P	M	N	b	s	t
56B14	9	80	65	50	3	5	10.4
56B5	9	120	100	80	3	7	10.4
63B14	11	90	75	60	4	9	12.8
63B5	11	140	115	95	4	9	12.8
71B14	14	105	85	70	5	7	16.3
71B5	14	160	130	110	5	9	16.3
80B14	19	120	100	80	6	7	21.8
80B5	19	200	165	130	6	11	21.8
90B14	24	140	115	95	8	9	27.3
90B5	24	200	165	130	8	11	27.3
100-112B14	28	160	130	110	8	9	31.3
100-112B5	28	250	215	180	8	13.5	31.3
132B14	38	200	165	130	10	11	41.3
132B5	38	300	265	230	10	13.5	41.3
160B5	42	350	300	250	12	17	45.3



Input Flange





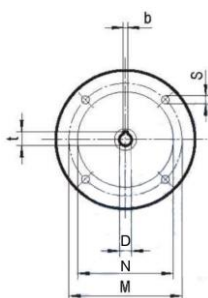
Differences to TEC Dimensions Highlighted in Yellow

Manufactures Highlighted in Green Denote a Round Bodied Casing

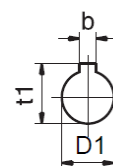
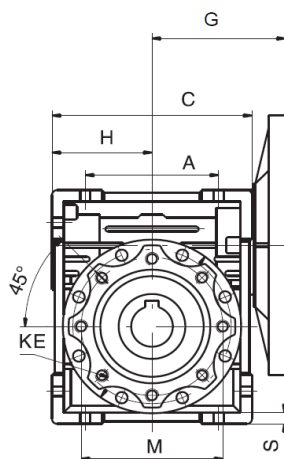
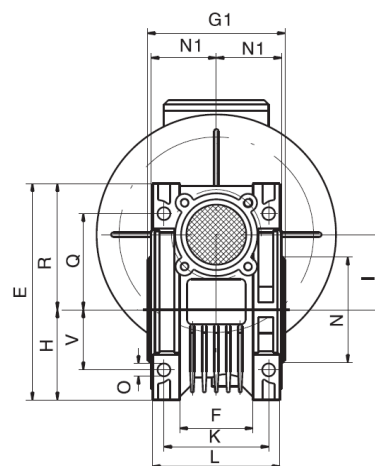
Manufacture	Size/Ref	D	L	G Max	E	H	A	K	V	Q	Weight (Kg)
TEC	FCNDK050	25 (24)	85	80	144	60	80	70	40	64	3.5
Varvel/TEC	RT50	24 (25)	85	88	144	60	80	70	40	64	3.8
Motovario	NMRV050	25 (24)	85	80	144	60	80	70	40	64	3.5
Chiaravalli	CHM050	25	85	80	144	60	80	70	40	64	3.5
Transtecno	CM050	25	85	80	144	60	80	70	40	64	3.5
Hydromec	Q 50	25 (24)	81	83.5	144	60	80	70	40	64	3.25
STM	WI 50	25	85	80	144	60	80	70	40	64	3.5
STM	UI 50	25	85	80.5	144	60	80	70	40	64	3.5
SITI	MU 50	25	85	78	144	60	80	70	40	64	3
Rossi A04	RV 40	24	80	99	138	82	70	62	35	35	5
Rossi AS07	225	25	72	76.5	124	75	65(+)	58	N/A	N/A	8
SEW	W37	20	107	144	126	63	70	90	35	35	7.7
NORD	SK 1SI 50	25	92	116.5	144	60	80	70	40	64	4.1
Varvel/TEC	RS50	24 (25)	98	88	163	85	N/A	N/A	N/A	N/A	3.8
Motovario	SW050	25 (24)	92	80	136	52	N/A	N/A	N/A	N/A	3.5
Bonfiglioli	VF49	25	124	70	162	82	N/A	N/A	N/A	N/A	3
Chiaravalli	CH05	25	94	70	135.25	55	N/A	N/A	N/A	N/A	3
Hydromec	50	25 (24)	81	78.5	135.5	54.5	N/A	N/A	N/A	N/A	3
STM	RI 50	24 (25)	119	80.5	135	85	N/A	N/A	N/A	N/A	3.8
SITI	MI 50	24	98	82	140	56	N/A	N/A	N/A	N/A	3.5

Input Motor Flange Dimensions

Ref	D	P	M	N	b	s	t
56B14	9	80	65	50	3	5	10.4
56B5	9	120	100	80	3	7	10.4
63B14	11	90	75	60	4	9	12.8
63B5	11	140	115	95	4	9	12.8
71B14	14	105	85	70	5	7	16.3
71B5	14	160	130	110	5	9	16.3
80B14	19	120	100	80	6	7	21.8
80B5	19	200	165	130	6	11	21.8
90B14	24	140	115	95	8	9	27.3
90B5	24	200	165	130	8	11	27.3
100-112B14	28	160	130	110	8	9	31.3
100-112B5	28	250	215	180	8	13.5	31.3
132B14	38	200	165	130	10	11	41.3
132B5	38	300	265	230	10	13.5	41.3
160B5	42	350	300	250	12	17	45.3



Input Flange



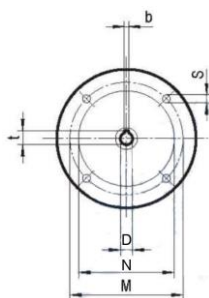


Differences to TEC Dimensions Highlighted in Yellow

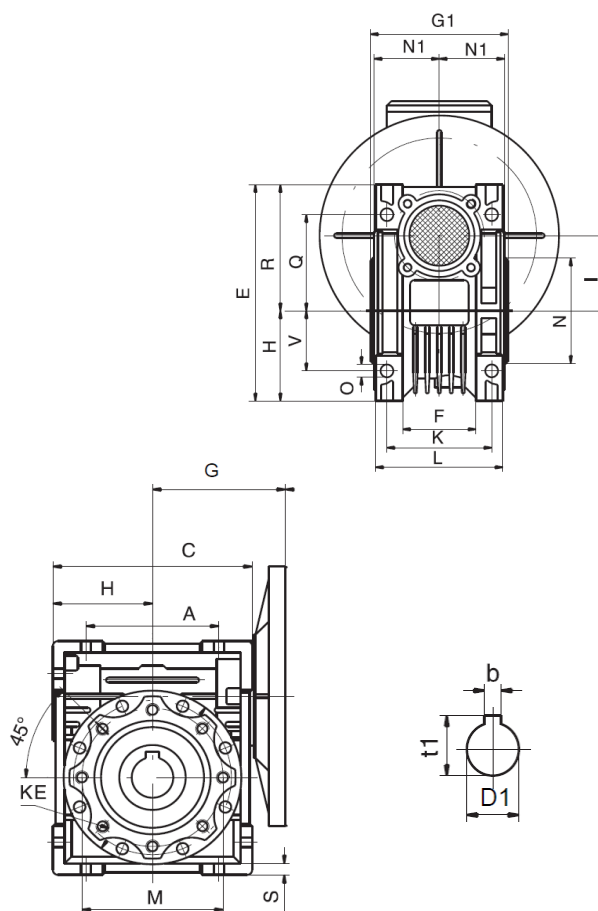
Manufactures Highlighted in Green Denote a Round Bodied Casing

Manufacture	Size/Ref	D	L	G Max	E	H	A	K	V	Q	Weight (Kg)
TEC	FCNDK063	25 (28)	103	106	174	72	100	85	50	80	6.2
Varvel/TEC	RT60	25	100	94	174	72	100	85	50	80	6.5
Motovario	NMRV063	25 (28)	103	109	197	72	100	85	50	80	6.2
Bonfiglioli	W63U	25	112	102	182.5	72.5	102	76	51	51-88.5	6.1
Chiaravalli	CHM06	25	106	101	182	72.5	102	76	51	51-88.5	5.2
Transtecno	CM063	25	104	98	174	72	100	85	50	80	6.2
Hydromec	Q 63	25 (28)	120	99.5	182.5	72.5	102	76	51	51-88.5	6
STM	WI 63	25	103	95	174	72	100	85	50	80	6.2
STM	UI 50	25	103	95	174	72	100	85	50	80	6
SITI	MU 63	25 (28)	102	91	197	72	100	85	50	80	5
Rossi A04	RV 50	28	95	110	167	100	86	75	43	43	9
Rossi AS07	325	25	86	87	144	87	75	68	N/A	N/A	12.5
SEW	S47	25	120	202	166	100	80	100	65	15	12
NORD	SK 1SI 50	25	112	118.5	174	72	100	85	50	80	7.6
Varvel/TEC	RS60	25	115	94	192	100	N/A	N/A	N/A	N/A	6.5
Motovario	SW063	25 (28)	112	95	168	68	N/A	N/A	N/A	N/A	6.2
Hydromec	63	25	120	99.5	170	70	N/A	N/A	N/A	N/A	6
STM	RI 63	25	136	94.5	163	100	N/A	N/A	N/A	N/A	6
SITI	MI 60	25	120	100	169	70	N/A	N/A	N/A	N/A	6

Input Motor Flange Dimensions							
Ref	D	P	M	N	b	s	t
56B14	9	80	65	50	3	5	10.4
56B5	9	120	100	80	3	7	10.4
63B14	11	90	75	60	4	9	12.8
63B5	11	140	115	95	4	9	12.8
71B14	14	105	85	70	5	7	16.3
71B5	14	160	130	110	5	9	16.3
80B14	19	120	100	80	6	7	21.8
80B5	19	200	165	130	6	11	21.8
90B14	24	140	115	95	8	9	27.3
90B5	24	200	165	130	8	11	27.3
100-112B14	28	160	130	110	8	9	31.3
100-112B5	28	250	215	180	8	13.5	31.3
132B14	38	200	165	130	10	11	41.3
132B5	38	300	265	230	10	13.5	41.3
160B5	42	350	300	250	12	17	45.3



Input Flange





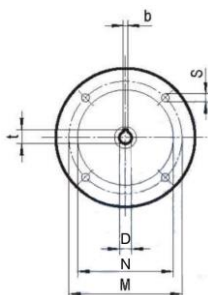
Differences to TEC Dimensions Highlighted in Yellow

Manufactures Highlighted in Green Denote a Round Bodied Casing

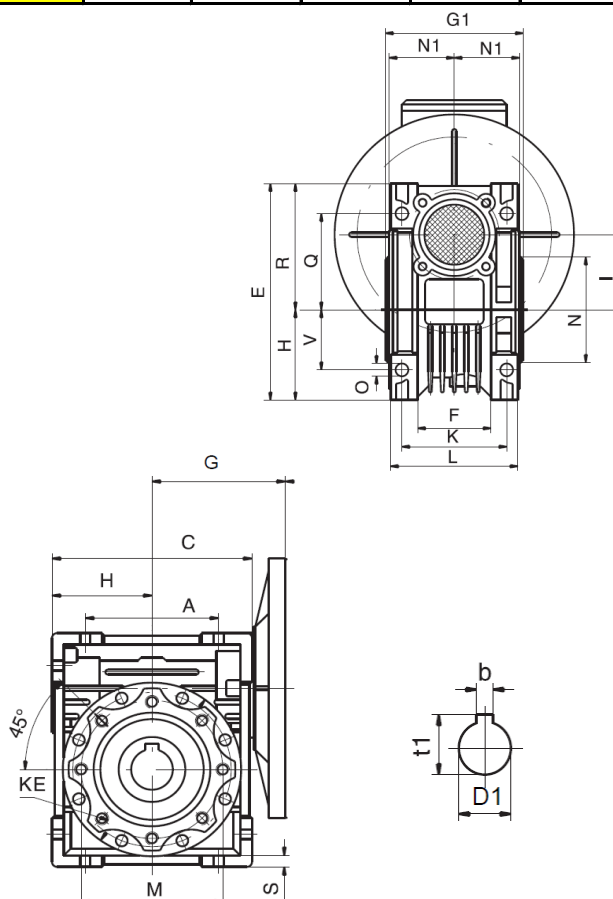
Manufacture	Size/Ref	D	L	G Max	E	H	A	K	V	Q	Weight (Kg)
TEC	FCNDK075	(30-32-3)	113	121	205	86	120	90	60	93	9
Varvel/TEC	RT70	28 (30)	112	118	205	86	120	90	60	93	9
Motovario	NMRV-P75	(30-32-3)	112	126.5	209	86	120	90	60	93	9
Bonfiglioli	W75 U	30 (28)	123	120	220.5	87	109.5	104	63	63-109.5	9.5
Chiaravalli	CHM075	28	112	112.5	205	86	120	90	60	93	9
Transtecno	CM075	28	112	113	205	86	120	90	60	93	9
Hydromec	Q75	28 (30)	127	121.5	210.5	87	126	82	63	63-109.5	8.7
STM	WI 75	28	112	112.5	205	86	120	90	60	93	9
STM	UI75	28 (30)	112	120	205	86	120	90	60	93	9
SITI	MU 75	28 (35)	112	109	205	86	120	90	60	93	8
Rossi A04	RV 63	32	114	130	205	125	102	90	51	51	14
Rossi A04	RV64	32	114	130	205	125	102	90	51	51	14
Rossi AS07	430	30	103	98	173	106	92	82	N/A	N/A	19.2
SEW	S57	30	136	213	190	112	100	110	77	23	16
SEW	W47	30	120	181	161	80	100	100	50	50	15
NORD	SK1SL 75	35	125	150	205	86	120	90	60	93	12
Varvel/TEC	RS70	28 (30)	114	204	221	115	N/A	N/A	N/A	N/A	9
Motovario	SW075	28 (35)	120	198.5	197	80	N/A	N/A	N/A	N/A	9
STM	RI70	28	140	192	185	115	N/A	N/A	N/A	N/A	7.5
Hydromec	63A	28 (30)	120	178.5	170	70	N/A	N/A	N/A	N/A	6
SITI	MI 70	28	121	194.5	195	78	N/A	N/A	N/A	N/A	8

Input Motor Flange Dimensions

Ref	D	P	M	N	b	s	t
56B14	9	80	65	50	3	5	10.4
56B5	9	120	100	80	3	7	10.4
63B14	11	90	75	60	4	9	12.8
63B5	11	140	115	95	4	9	12.8
71B14	14	105	85	70	5	7	16.3
71B5	14	160	130	110	5	9	16.3
80B14	19	120	100	80	6	7	21.8
80B5	19	200	165	130	6	11	21.8
90B14	24	140	115	95	8	9	27.3
90B5	24	200	165	130	8	11	27.3
100-112B14	28	160	130	110	8	9	31.3
100-112B5	28	250	215	180	8	13.5	31.3
132B14	38	200	165	130	10	11	41.3
132B5	38	300	265	230	10	13.5	41.3
160B5	42	350	300	250	12	17	45.3



Input Flange



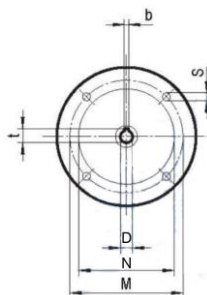


Differences to TEC Dimensions Highlighted in Yellow

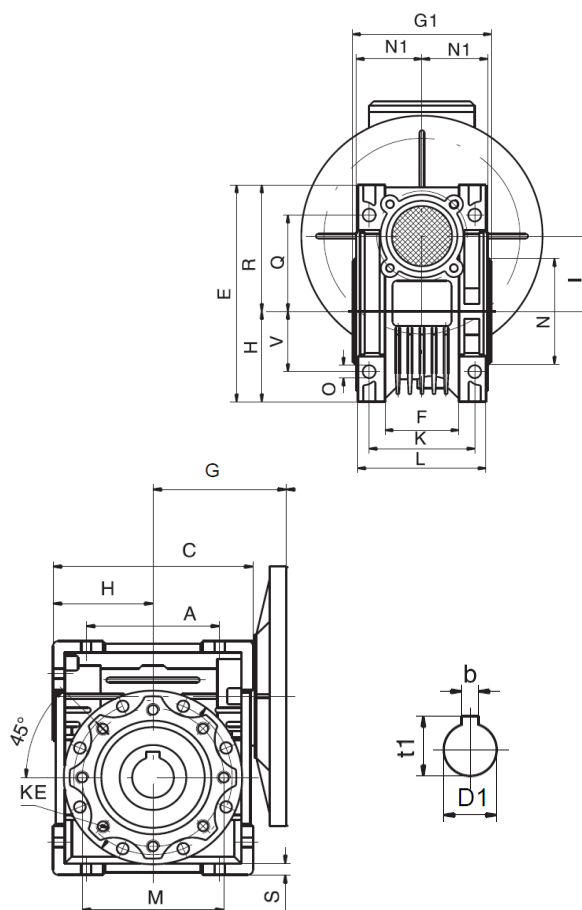
Manufactures Highlighted in Green Denote a Round Bodied Casing

Manufacture	Size/Ref	D	L	G Max	E	H	A	K	V	Q	Weight (Kg)
TEC	FCNDK90	35 (38,40)	130	138	238	103	140	100	70	102	13
Varvel/TEC	RT85	32 (35)	130	137	238	150	140	100	70	102	13.5
Motovario	NMRV-P90	35 (38,40)	130	145	247	103	140	100	70	102	13
Bonfiglioli	W86 U	35	136	136	245.5	100	144	101	72	72-117.5	13.5
Chiaravalli	CHM	35	130	129.5	238	103	140	100	70	102	13
Transtecno	CM090	35	130	130	238	103	140	100	70	102	13
Hydromec	Q85	35	135	124	245.5	100	144	101	72	72-117.5	18.7
STM	WI 090	35	130	129.5	238	103	140	100	70	102	13
STM	UI 90	35	130	130	238	103	140	100	70	102	14
SITI	MU 90	35 (38)	130	126	238	103	140	100	70	102	13
Rossi A04	RV80	38	135	138	250	150	132	106	66	66	24
Rossi AS07	535	35	124	118	212	132	110	100	N/A	N/A	28
SEW	S67	35	160	326	237	140	130	130	100	30	27
Varvel/TEC	RS85	32 (35)	113	137	252	135	N/A	N/A	N/A	N/A	13.5
Motovario	SW090	35 (38)	140	129.5	230	97	N/A	N/A	N/A	N/A	13
STM	RI85	32 (35)	168	120	220	135	N/A	N/A	N/A	N/A	14
Hydromec	85	35 (38)	135	116-127	232.5	94.5	N/A	N/A	N/A	N/A	11
SITI	MI80	35	140	108	222	95	N/A	N/A	N/A	N/A	16
SITI	MI90	38	150	128	250	111	N/A	N/A	N/A	N/A	20

Input Motor Flange Dimensions							
Ref	D	P	M	N	b	s	t
56B14	9	80	65	50	3	5	10.4
56B5	9	120	100	80	3	7	10.4
63B14	11	90	75	60	4	9	12.8
63B5	11	140	115	95	4	9	12.8
71B14	14	105	85	70	5	7	16.3
71B5	14	160	130	110	5	9	16.3
80B14	19	120	100	80	6	7	21.8
80B5	19	200	165	130	6	11	21.8
90B14	24	140	115	95	8	9	27.3
90B5	24	200	165	130	8	11	27.3
100-112B14	28	160	130	110	8	9	31.3
100-112B5	28	250	215	180	8	13.5	31.3
132B14	38	200	165	130	10	11	41.3
132B5	38	300	265	230	10	13.5	41.3
160B5	42	350	300	250	12	17	45.3



Input Flange





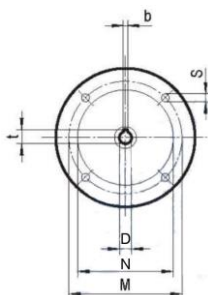
Differences to TEC Dimensions Highlighted in Yellow

Manufactures Highlighted in Green Denote a Round Bodied Casing

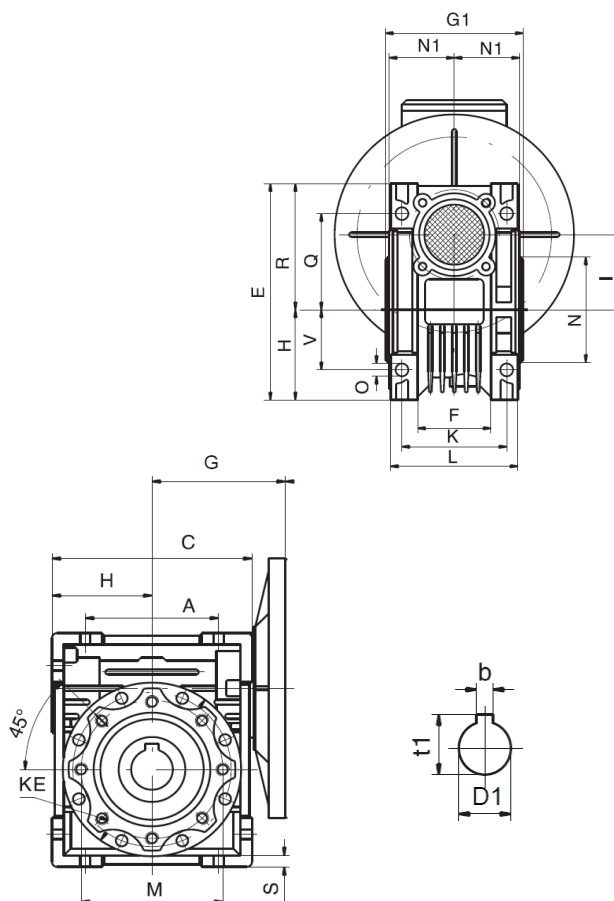
Manufacture	Size/Ref	D	L	G Max	E	H	A	K	V	Q	Weight (Kg)
TEC	FCNDK110	42	142	159	295	127.5	170	115	85	125	35
Varvel/TEC	RT110	42	144	153	295	127.5	170	115	85	125	39
Motovario	NMRV-P110	42	144	185.5	295	127.5	170	115	82-85	125	21
Bonfiglioli	W110 U	42	153	226	308	125	174	115	92	92-150	27.5
Chiaravali	CHM110	42	144	160	295	127.5	170	115	85	125	35
Transtecno	CM110	42	144	160	295	127.5	170	115	85	125	21
Hydromec	Q11	42	155	187	308	125	174	115	92	92-150	35
STM	WI110	42	144	160	295	127.5	170	115	85	125	35
STM	UI110	42	144	152	295	127.5	170	115	82	125	35
SITI	MU 110	42	144	150	295	127.5	170	115	85	125	19
Rossi A04	RV 81	40	135	138	250	150	132	106	66	66	24
Rossi AS07	535	35	124	118	212	132	N/A	100	N/A	N/A	28
Rossi AS07	742	42	142	138	266	160	142	166	N/A	N/A	41
Varvel/TEC	RS110	42	149	153	333	172	N/A	N/A	N/A	N/A	39
Motovario	SW105	42	155	160	281	115	N/A	N/A	N/A	N/A	21
STM	RI 110	42	200	145.5	282	172	N/A	N/A	N/A	N/A	38
Hydromec	110	42 (45)	155	187	279	116	N/A	N/A	N/A	N/A	35
SITI	MI 110	42	155	149	311	141	N/A	N/A	N/A	N/A	29

Input Motor Flange Dimensions

Ref	D	P	M	N	b	s	t
56B14	9	80	65	50	3	5	10.4
56B5	9	120	100	80	3	7	10.4
63B14	11	90	75	60	4	9	12.8
63B5	11	140	115	95	4	9	12.8
71B14	14	105	85	70	5	7	16.3
71B5	14	160	130	110	5	9	16.3
80B14	19	120	100	80	6	7	21.8
80B5	19	200	165	130	6	11	21.8
90B14	24	140	115	95	8	9	27.3
90B5	24	200	165	130	8	11	27.3
100-112B14	28	160	130	110	8	9	31.3
100-112B5	28	250	215	180	8	13.5	31.3
132B14	38	200	165	130	10	11	41.3
132B5	38	300	265	230	10	13.5	41.3
160B5	42	350	300	250	12	17	45.3



Input Flange

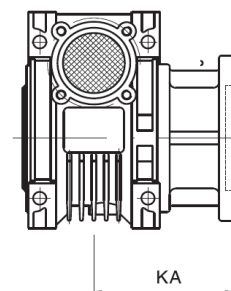
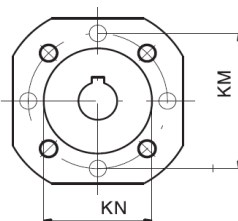
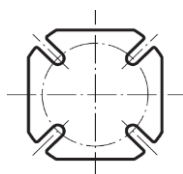




Size			30			40			50			63			75			90			110		
Mfg			KN	KM	KA	KN	KM	KA	KN	KM	KA	KN	KM	KA	KN	KM	KA	KN	KM	KA	KN	KM	KA
TEC	FCN	FA	50	68	55	60	75	67	70	90	90	115	150	82	130	165	111	152	175	111	170	220	139
		FB				60	75	97	70	90	120	115	150	112	110	130	90	180	215	122	170	230	131
		FC				95	75	80	110	130	89	130	165	98				130	165	110			
Varvel	RT	F	50	68	53	60	87	69	70	90	93	115	151	86	130	165	111	152	175	111	170	230	131
		FL							70	90	123												
		FV				60	87	99	110	130	90.5	115	151	115									
Moto-vario	MRV	FA	50	68	55	60	75	67	70	90	90	115	150	82	130	165	111	152	175	111	170	230	131
		FB				60	75	97	70	90	120	115	150	112	110	130	90	180	215	122	170	230	180
		FC				95	115	80	110	130	89	130	165	98				130	165	110			
Chiaravalli	CHM	FA	50	68	54.5	60	75	67	70	85	90	115	150	82	130	165	111	152	175	111	170	230	131
		FB				60	75	97	70	85	120	115	150	112	110	130	90	180	215	122	170	230	180
		FC				95	115	80	110	130	89	130	165	98				130	165	110			
Trans-tecno	CM	F	50	68	54.5	60	80	67	70	90	90	115	150	82	130	165	111	152	175	111	170	230	131
		FB				95	115	80	110	130	89	130	165	98									
		FL				60	80	97	70	90	120	115	150	112									
Hydro-mec	Q	FC	50	68	54.5	60	110	67	70	85	90	110	150	86	130	165	85	152	176	108	170	230	132
		FL				60	110	97	70	85	120	110	150	116	130	165	111	152	176	149	170	230	180
		F1				95	115	80	110	130	89	130	165	110				130	165	118	180	215	150
STM	UMI	FA				50	75	67	70	85	90	115	150	82	130	165	111	152	175	111	170	230	131
		FB				50	75	97	70	85	120	115	150	112	110	130	90	180	215	122			
SITI	MU	F				95	115	81	110	130	89	130	165	97.3	130	165	111						
		FBR				80	100	59	95	115	72	110	130	77.4									
		FBM				60	95	67	70	85	90	115	150	82	110	130	84.8	152	175	111	170	230	131
Rossi	RV	F				80	10	71	95	115	80	110	130	80	130	165	100	180	215	112	230	265	132
SEW	W	F-SM	50	65	65	60	87	80	80	100	80												
		F-LG	80	100	65	80	100	80	110	130	95												
NORD	SK1	FA/I	70	85	65	80	100	75	110	130	85	130	165	94									
		FA/II	50	65	65	60	75	75	70	85	85	110	130	94	130	165	107						
Varvel	RS	FL	40	56	49	95	115	82	110	130	91.5	115	150	116	130	165	111	130	165	100	180	215	150
		FA	50	68	50.5	60	87	69	70	90	93	110	130	90	115	150	116						
		FB				80	100	62				115	150	86	110	130	84.5	152	176	120	170	230	132
Moto-vario	SW	FA	50	68	54.5	60	75	67	70	85	90	115	150	82	130	165	111	152	175	111	170	230	131
		FB				60	75	97	70	85	120	115	150	112	110	130	90	180	215	122			
		FC				95	115	80	110	130	89	150	165	98				130	165	110			
Bonfiglioli	VF	F	50	68	50.5	60	87	60	70	90	85	115	150	116	130	165	111	152	176	151	170	230	180
		FA				60	87	90	70	90	115												
		FC-FR										115	150	86	130	165	85	152	176	111	170	230	132
Chiaravalli	CH	PF1	50	68	50.5	60	87	60.5	70	90	85.5												
		PFA1				60	87	90	70	90	115												
Hydro-mec	P	FC	50	68	50.5	60	87	60.5	70	90	85	115	150	86	130	165	86	152	176	108	170	230	132
		FL	60	87	55.5	60	87	90.5	70	90	115	115	150	116	130	165	111	152	176	149	170	230	180
		F1	40	56	49	95	115	73.5	110	130	83.5	130	165	102	130	165	111	130	165	118	180	215	150
STM	RI	FL	40	56	49	95	115	82	110	130	91.5	115	150	116	130	165	111	130	165	100	180	215	150
		F1	50	62	53	60	87	69	70	90	93	115	150	86	115	150	116	130	165	141	130	165	115
		F2	70	85	72	80	100	62	70	100	73	130	165	102	115	150	85	152	176	120	170	230	132
SITI	MI	F	70	85	72	95	115	82	110	130	92	130	165	102	130	165	112	130	165	120	180	215	150
		FR				60	87	60	70	90	85	115	150	116	115	150	116	152	180	150	170	230	178
		FBR	50	68	51	80	100	60	95	115	75	110	130	82	110	130	85	110	130	100	180	215	130

Manufactures highlighted in green denote a round bodied casing

For FA flange dimension KM is minimum
PCD as flanges are slotted





Head Office Extension

2015



Larger product testing facilities



Large Cast Iron warehouse and modification area.



Dedicated meeting and training rooms



TEC NORTH
TEL: 01226 767826

2013



TEC WALES
TEL: 01446 748832

2013



TEC SCOTLAND
TEL: 01236 793460

2014



THE POWER OF A GLOBAL NETWORK

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AUSTRALIA - Techtot Australia Pty Ltd.

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CANADA - Techtot Canada Inc.

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SPAIN - Dimotor S.A.

SIMOTOP
GROUP

THE NETHERLANDS - Simotop N.V.

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U.A.E. - Global Power Engineering Co. Ltd.

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UK - TEC Electric Motors Ltd.

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