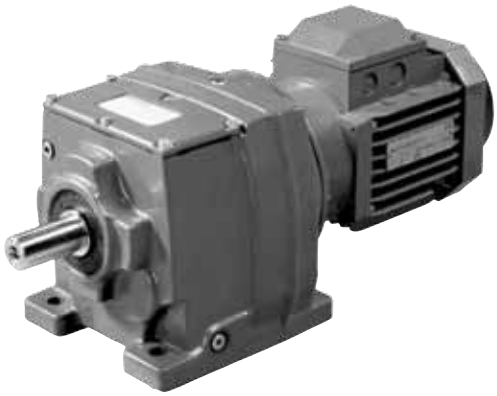
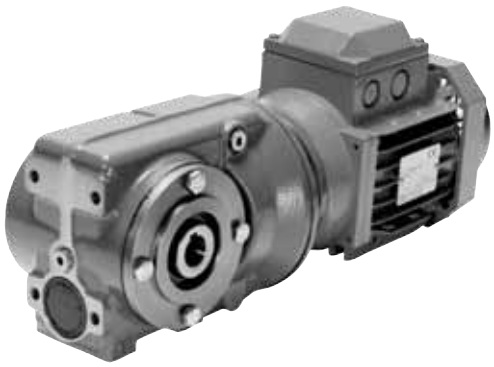
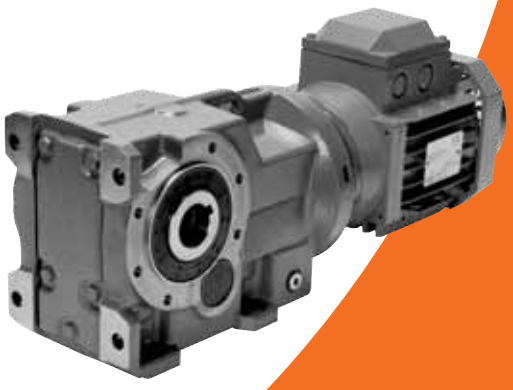
radicon
with you at every turn

benzlers
with you at every turn

Compact Motor Geared Motors



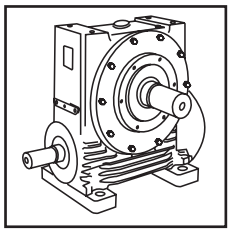




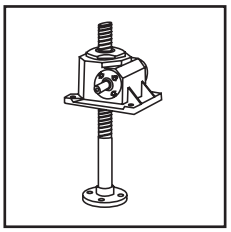
Compact Motor
CIM-2.01GB0914

PRODUCTS IN THE RANGE

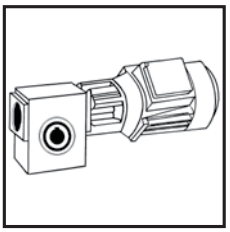
Serving an entire spectrum of mechanical drive applications from food, energy, mining and metal; to automotive, aerospace and marine propulsion, we are here to make a positive difference to the supply of drive solutions.



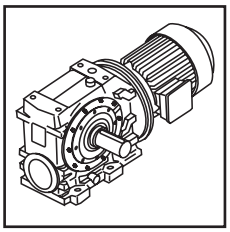
Series A
Worm Gear units and geared motors in single & double reduction types



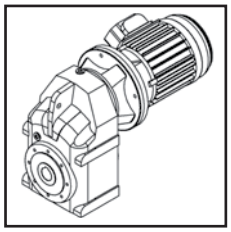
Series BD
Screwjack worm gear unit



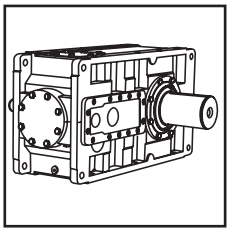
Series BS
Worm gear unit



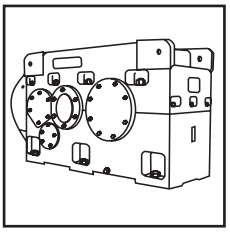
Series C
Right angle drive helical worm geared motors & reducers



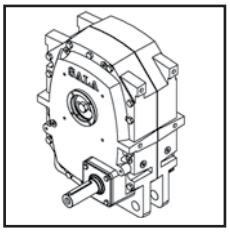
Series F
Parallel shaft helical geared motors & reducers



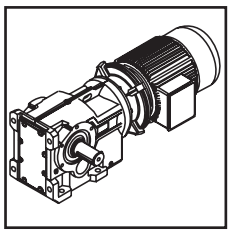
Series G
Helical parallel shaft & bevel helical right angle drive gear units



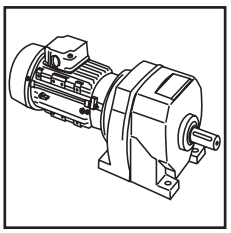
Series H
Large helical parallel shaft & bevel helical right angle drive units



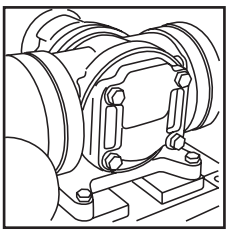
Series J
Shaft mounted helical speed reducers



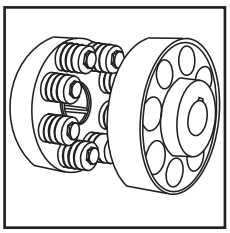
Series K
Right angle helical bevel helical geared motors & reducers



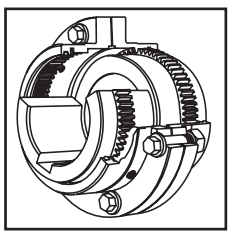
Series M
In-line helical geared motors & reducers



Roloid Gear Pump
Lubrication and fluid transportation pump

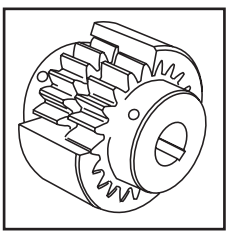


Series X
Cone Ring
Pin and bush elastomer coupling

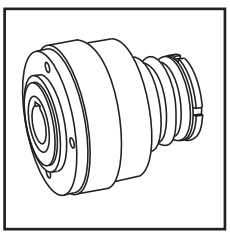


Series X
Gear
Torsionally rigid, high torque coupling

Service & Repair
All brands and types



Series X
Nylicon
Gear coupling with nylon sleeve



Series X
Torque Limiter
Overload protection device

We offer a wide range of repair services and many years experience of repairing demanding and highly critical transmissions in numerous industries.

We can create custom engineered transmission solutions of any size and configuration.

ATEX
Compliance Assured

Total compliance with the ATEX Directive safeguarding the use of industrial equipment in potentially explosive atmospheres is assured for users of our geared products.

Certification is available for standard gearboxes and geared motors with badging displaying the ATEX zone, name and location of the manufacturer, designation of series or type, serial number, year of manufacture, Ex symbol and equipment group/category.

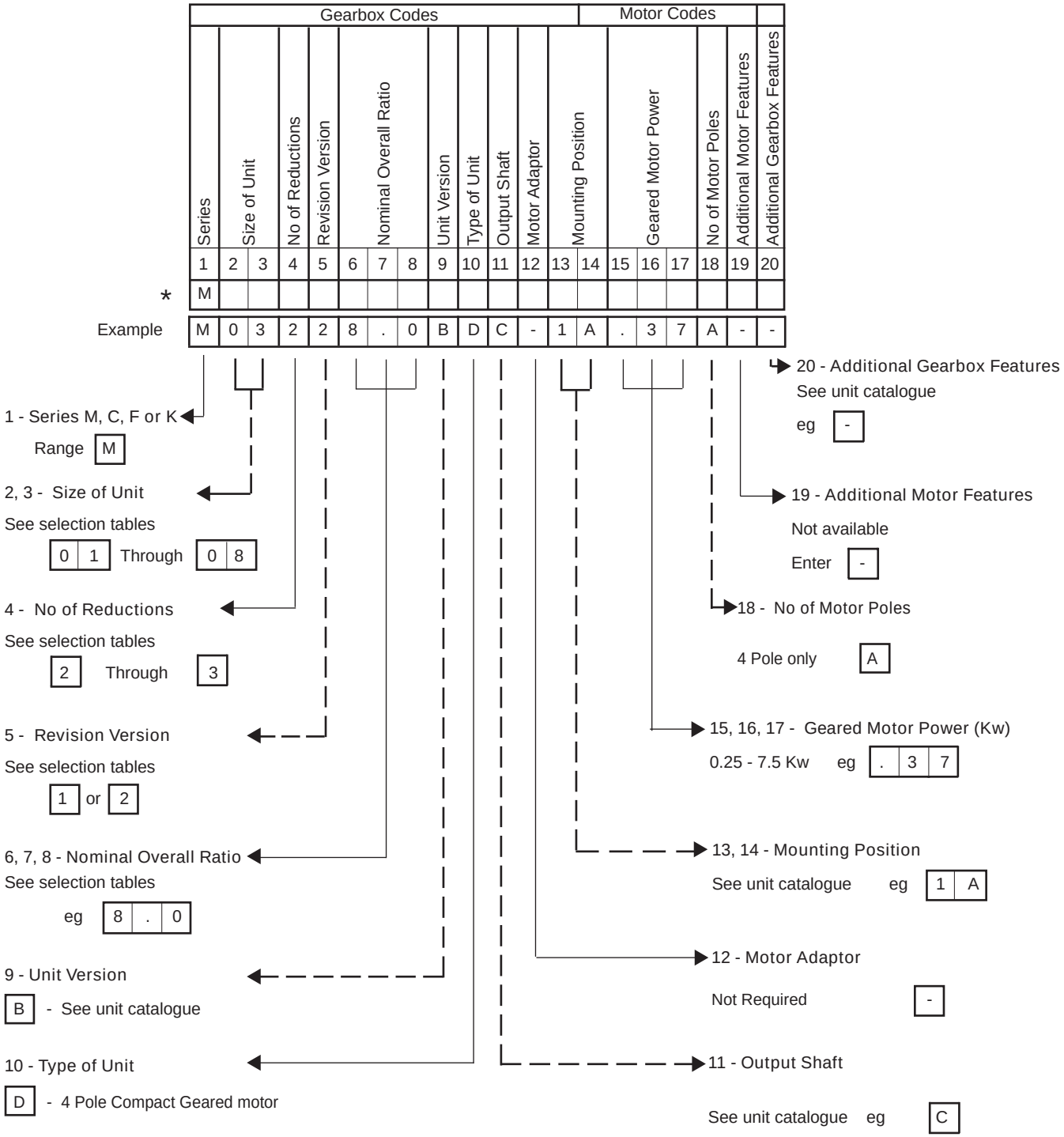
ATEX directive 94/9/EC (also known as ATEX 95 or ATEX 100A) enforced in all EC member states. Compliance is compulsory for designers, manufacturers or suppliers of electrical and non-electrical equipment for use in potentially explosive atmospheres created by the presence of flammable gases, vapours, mists or dusts.

Ex compliant standard gearboxes can be supplied against Groups 2 or 3 for surface industries in designated hazardous location Zones 1 and 2 for gases, vapours and mists; and in Zones 21 and 22 for dusts.

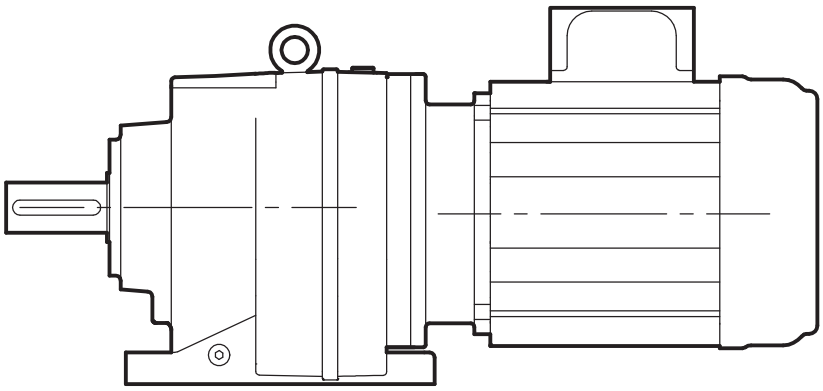
NOTES

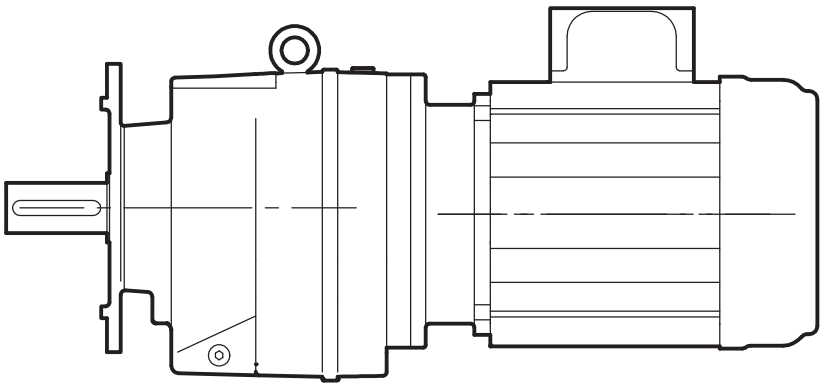
COMPACT GEARED MOTORS

CONTENTS


Gearbox Codes
Motor Codes
Series
Size of Unit
No of Reductions
Revision Version
Nominal Overall Ratio
Unit Version
Type of Unit
Output Shaft
Motor Adaptor
Mounting Position
Geared Motor Power
No of Motor Poles
Additional Motor Features
Additional Gearbox Features
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
*
M
Example
M 0 3 2 2 8 . 0 B D C - 1 A . 3 7 A - -
1 - Series M, C, F or K
Range M
2, 3 - Size of Unit
See selection tables
0 1 Through 0 8
4 - No of Reductions
See selection tables
2 Through 3
5 - Revision Version
See selection tables
1 or 2
6, 7, 8 - Nominal Overall Ratio
See selection tables
eg 8 . 0
9 - Unit Version
B - See unit catalogue
10 - Type of Unit
D - 4 Pole Compact Geared motor
11 - Output Shaft
See unit catalogue eg C
12 - Motor Adaptor
Not Required -
13, 14 - Mounting Position
See unit catalogue eg 1 A
15, 16, 17 - Geared Motor Power (Kw)
0.25 - 7.5 Kw eg . 3 7
18 - No of Motor Poles
4 Pole only A
19 - Additional Motor Features
Not available
Enter -
20 - Additional Gearbox Features
See unit catalogue
eg -

SERIES M
COMPACT GEARED MOTOR





Unit Version

Column 9 Entry

- B - Base Mounted
- \- - B5 (D) Flange Mounted
- E - B14 (C) Flange Mounting

Letter Entry Depends on Flange Diameter, see dimension pages

Output Shaft

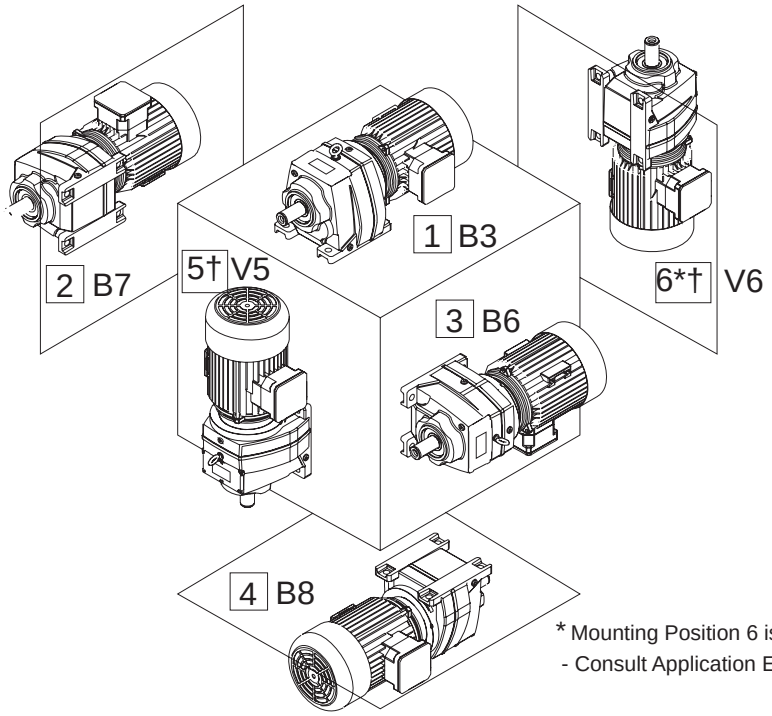
Column 11 Entry

- C - Standard (Metric dimensions)

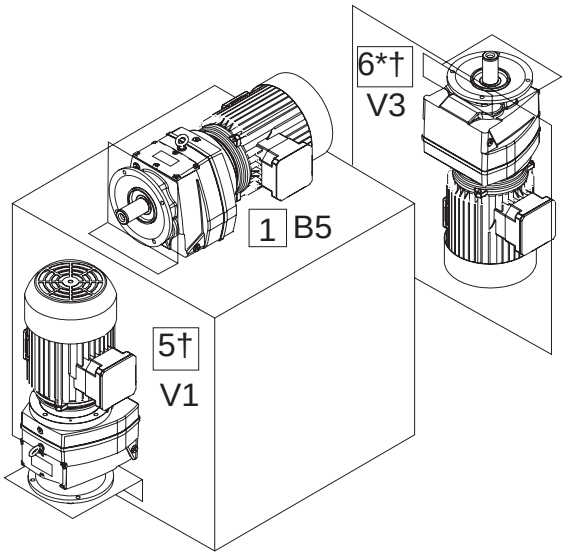
Mounting Position

Column 13 Entry

Base Mounted Units



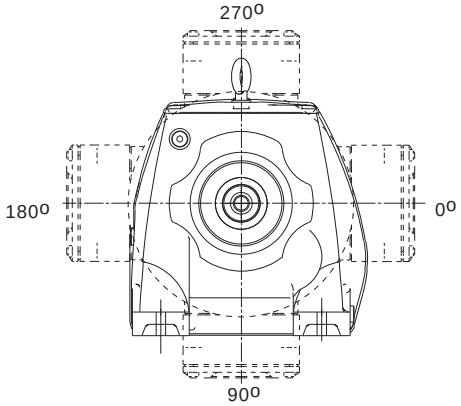
Flange Mounted Units



* Mounting Position 6 is not recommended for geared motors - Consult Application Engineering

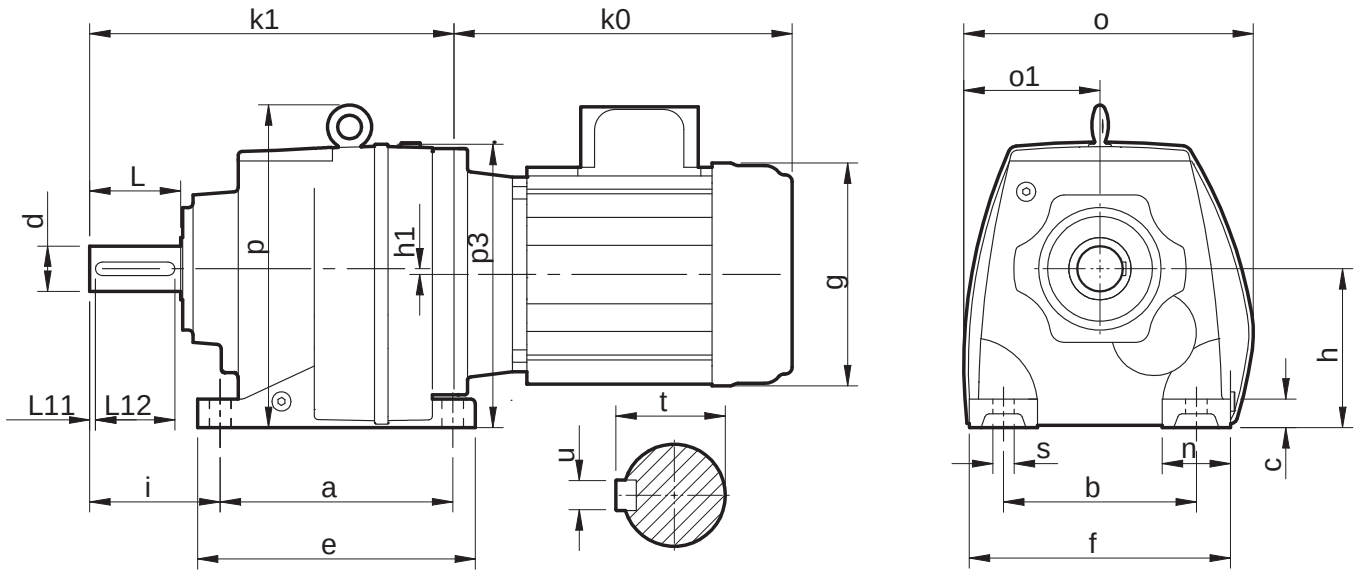
Terminal Box Position

Column 14 Entry



Terminal Box Position	M01 to M07 Column 14 Entry	M08 Column 14 Entry
0°	A	n/a
90°	B	n/a
180°	C	n/a
270°	D	D

DIMENSIONS
BASE MOUNTED WITH COMPACT MOTOR

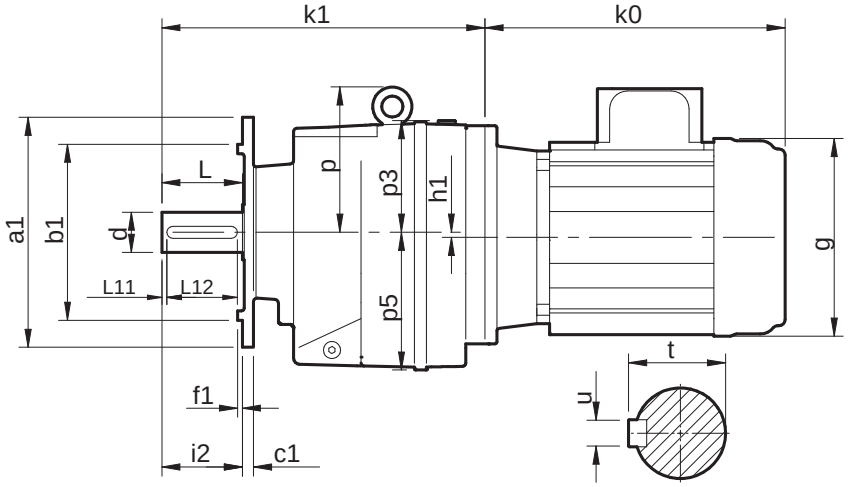


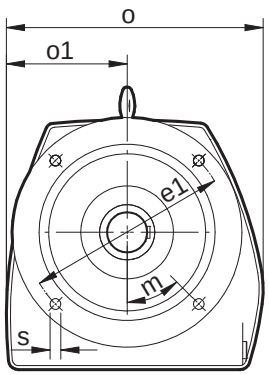
SIZE	a	b	c	e	f	h	h1	i	n	o	o1	p	p3	s	d	L	L11	L12	t	u
M0122 M0132	110	110	12	131	135	75	0	58	25	152	76	-	149	10	20 k6	40	4	32	23	6
M0222 M0232	130	110	16	152	145	90	0	75	35	170	84	-	180	10	25 k6	50	4	40	28	8
M0322 M0332	130	110	16	152	145	90	0	75	35	170	84	-	180	10	25 k6	50	4	40	28	8
M0422 M0432	165	135	20	200	190	115	0	90	55	204	97	-	208	15	30 k6	60	4	50	33	8
M0522 M0532	165	135	20	200	190	115	0	100	55	204	97	-	208	15	35 k6	70	7	60	38	10
M0622 M0632	195	150	24	235	210	130	14.5	100	60	220	110	246	214	15	35 k6	70	7	60	38	10
M0722 M0732	205	170	25	245	230	140	0	115	60	252	119	295	250	19	40 k6	80	5	70	43	12
M0822 M0832	260	215	35	310	290	180	0	140	75	320	167	360	310	19	50 k6	100	10	80	54	14

Double Reduction		M0122		M0222		M0322		M0422		M0522		M0622		M0722		M0822	
	g	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0
0.25 kW	140	175	230	206	230	206	230	-	-	-	-	-	-	-	-	-	-
0.37 kW	140	175	230	206	230	206	230	-	-	-	-	-	-	-	-	-	-
0.55 kW	160	175	280	206	280	206	280	258	265	268	265	289	265	-	-	-	-
0.75 kW	160	175	300	206	300	206	300	258	285	268	285	289	285	-	-	-	-
1.1 kW	180	175	330	206	330	206	330	258	315	268	315	289	315	325	300	-	-
1.5 kW	180	175	365	206	365	206	365	258	350	268	350	289	350	325	335	-	-
2.2 kW	200	-	-	-	-	-	-	258	355	268	355	289	355	325	340	395	335
3.0 kW	200	-	-	-	-	-	-	258	365	268	365	289	365	325	350	395	350
4.0 kW	225	-	-	-	-	-	-	258	424	268	424	289	424	325	410	395	400
5.5 kW	260	-	-	-	-	-	-	258	495	268	495	289	495	325	480	395	475
7.5 kW	260	-	-	-	-	-	-	-	-	-	-	-	-	325	480	395	475

Triple Reduction		M0132		M0232		M0332		M0432		M0532		M0632		M0732		M0832	
	g	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0
0.25 kW	140	190	230	219	230	219	230	266	230	276	230	297	230	-	-	-	-
0.37 kW	140	190	230	219	230	219	230	266	230	276	230	297	230	-	-	-	-
0.55 kW	160	190	280	219	280	219	280	266	280	276	280	297	280	341	265	-	-
0.75 kW	160	190	300	219	300	219	300	266	300	276	300	297	300	341	285	-	-
1.1 kW	180	190	330	219	330	219	330	266	330	276	330	297	330	341	315	425	300
1.5 kW	180	190	365	219	365	219	365	266	365	276	365	297	365	341	350	425	335
2.2 kW	200	-	-	-	-	-	-	-	-	-	-	-	-	341	355	425	340
3.0 kW	200	-	-	-	-	-	-	-	-	-	-	-	-	341	365	425	350
4.0 kW	225	-	-	-	-	-	-	-	-	-	-	-	-	341	424	425	410
5.5 kW	260	-	-	-	-	-	-	-	-	-	-	-	-	341	495	425	480
7.5 kW	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	425	480

DIMENSIONS
FLANGE MOUNTED WITH COMPACT MOTOR





Column 9 Entry

Flange diameter Ø a1

120	H
140	J
160	K
200	L
250	N
300	P
350	R

SIZE	a1	b1	c1	e1	f1	s	m	h1	i2	o	o1	p	p3	p5	d	L	L11	L12	t	u
M0122 M0132	120	80	10	100	3	4 x 9	45°	0	40	152	76	-	74	76	20 k6	40	4	32	23	6
	140	95	10	115	3	4 x 9														
	160	110	10	130	3.5	4 x 9														
	200	130	10	165	3.5	4 x 11														
M0222 M0232	120	80	10	100	3	4 x 9	45°	0	50	170	84	-	90	91	25 k6	50	4	40	28	8
	140	95	10	115	3	4 x 9														
	160	110	10	130	3.5	4 x 9														
	200	130	10	165	3.5	4 x 11														
M0322 M0332	120	80	10	100	3	4 x 9	45°	0	50	170	84	-	90	91	25 k6	50	4	40	28	8
	140	95	10	115	3	4 x 9														
	160	110	10	130	3.5	4 x 9														
	200	130	10	165	3.5	4 x 11														
M0422 M0432	140	95	11	115	3	4 x 9	45°	0	60	204	97	-	93	115	30 k6	60	4	50	33	8
	160	110	11	130	3.5	4 x 9														
	200	130	11	165	3.5	4 x 11														
	250	180	11	215	4	4 x 13														
M0522 M0532	140	95	11	115	3	4 x 9	45°	0	70	204	97	-	93	115	35 k6	70	7	60	38	10
	160	110	11	130	3.5	4 x 9														
	200	130	11	165	3.5	4 x 11														
	250	180	11	215	4	4 x 13														
M0622 M0632	200	130	11	165	3.5	4 x 11	45°	14.5	70	220	110	116	84	130	35 k6	70	7	60	38	10
	250	180	11	215	4	4 x 13														
	300	230	11	265	4	4 x 13														
M0722 M0732	200	130	11	165	3.5	4 x 11	45°	0	80	252	119	155	110	140	40 k6	80	5	70	43	12
	250	180	11	215	4	4 x 13														
	300	230	11	265	4	4 x 13														
M0822 M0832	300	230	17	265	4	4 x 13	45°	0	100	320	167	180	130	182	50 k6	100	10	80	54	14
	350	250	17	300	5	4 x 18														

Double Reduction		M0122		M0222		M0322		M0422		M0522		M0622		M0722		M0822	
	g	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0
0.25 kW	140	175	230	206	230	206	230	-	-	-	-	-	-	-	-	-	-
0.37 kW	140	175	230	206	230	206	230	-	-	-	-	-	-	-	-	-	-
0.55 kW	160	175	280	206	280	206	280	258	265	268	265	289	265	-	-	-	-
0.75 kW	160	175	300	206	300	206	300	258	285	268	285	289	285	-	-	-	-
1.1 kW	180	175	330	206	330	206	330	258	315	268	315	289	315	325	300	-	-
1.5 kW	180	175	365	206	365	206	365	258	350	268	350	289	350	325	335	-	-
2.2 kW	200	-	-	-	-	-	-	258	355	268	355	289	355	325	340	395	335
3.0 kW	200	-	-	-	-	-	-	258	365	268	365	289	365	325	350	395	350
4.0 kW	225	-	-	-	-	-	-	258	424	268	424	289	424	325	410	395	400
5.5 kW	260	-	-	-	-	-	-	258	495	268	495	289	495	325	480	395	475
7.5 kW	260	-	-	-	-	-	-	-	-	-	-	-	-	325	480	395	475

Triple Reduction		M0132		M0232		M0332		M0432		M0532		M0632		M0732		M0832	
	g	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0
0.25 kW	140	190	230	219	230	219	230	266	230	276	230	297	230	-	-	-	-
0.37 kW	140	190	230	219	230	219	230	266	230	276	230	297	230	-	-	-	-
0.55 kW	160	190	280	219	280	219	280	266	280	276	280	297	280	341	265	-	-
0.75 kW	160	190	300	219	300	219	300	266	300	276	300	297	300	341	285	-	-
1.1 kW	180	190	330	219	330	219	330	266	330	276	330	297	330	341	315	425	300
1.5 kW	180	190	365	219	365	219	365	266	365	276	365	297	365	341	350	425	335
2.2 kW	200	-	-	-	-	-	-	-	-	-	-	-	-	341	355	425	340
3.0 kW	200	-	-	-	-	-	-	-	-	-	-	-	-	341	365	425	350
4.0 kW	225	-	-	-	-	-	-	-	-	-	-	-	-	341	424	425	410
5.5 kW	260	-	-	-	-	-	-	-	-	-	-	-	-	341	495	425	480
7.5 kW	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	425	480

0.25 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight	Motor Size
365	3.75	6	8.77	1701	M 0 1 2 2 3 . 6 _ D _ - _ _ . 2 5 A - -	14.4	71
270	5.07	8	6.88	1791	5 . 0		
238	5.76	9	6.20	1835	5 . 6		
210	6.53	10	5.63	1852	6 . 3		
164	8.35	14	4.61	1846	8 . 0		
152	9.00	15	4.35	1843	9 . 0		
121	11.36	19	3.60	1846	1 1 .		
106	12.88	21	3.25	1846	1 2 .		
93	14.71	24	2.91	1801	1 4 .		
84	16.37	27	2.68	1879	1 6 .		
76	18.05	30	2.48	1850	1 8 .		
69	19.86	33	2.29	1797	2 0 .		
59	23.27	39	2.02	1861	2 2 .		
49	27.92	46	1.74	1725	2 8 .		
42	32.54	54	1.54	1853	3 2 .		
38	36.16	60	1.41	1801	3 6 .		
31	43.54	72	1.15	1880	4 5 .		
27	49.91	83	0.86	1790	5 0 .		
23	58.46	96	0.94	1520	M 0 1 3 2 5 6 . _ D _ - _ _ . 2 5 A - -	15	71
21	64.45	106	0.85	1230	6 3 .		
52	26.40	44	3.61	4000	M 0 2 2 2 2 8 . _ D _ - _ _ . 2 5 A - -	17.9	71
43	31.68	53	3.01	4000	3 2 .		
38	35.69	59	2.68	4000	3 6 .		
33	41.49	69	2.30	4000	4 5 .		
29	47.09	78	2.03	4000	5 0 .		
26	53.54	89	1.61	3906	5 6 .		
24	57.03	94	1.69	4000	M 0 2 3 2 5 6 . _ D _ - _ _ . 2 5 A - -	18.7	71
22	62.87	104	1.53	4000	6 3 .		
20	69.19	114	1.39	4000	7 1 .		
17	81.07	134	1.19	3813	8 0 .		
14	97.26	160	0.99	4000	1 0 0		
12	113.37	187	0.85	3950	1 1 2		
43	31.68	53	3.93	3825	M 0 3 2 2 2 3 2 . _ D _ - _ _ . 2 5 A -	17.9	71
38	35.69	59	3.48	3717	3 6 .		
33	41.49	69	2.59	3868	4 5 .		
29	47.09	78	2.05	3711	5 0 .		
26	53.54	89	1.61	3906	5 6 .		
24	57.03	94	2.21	3885	M 0 3 3 2 5 6 . _ D _ - _ _ . 2 5 A - -	18.7	71
22	62.87	104	2.00	3773	6 3 .		
20	69.19	114	1.82	3444	7 1 .		
17	81.07	134	1.56	3813	8 0 .		
14	97.26	160	1.30	3251	1 0 0		
12	113.37	187	1.11	3950	1 1 2		
11	125.97	207	1.01	3390	1 2 5		
9	151.69	251	0.83	2210	1 6 0		
23	58.38	97	3.48	7200	M 0 4 3 3 2 5 6 . _ D _ - _ _ . 2 5 A -	27.3	71
21	64.29	106	3.16	7200	6 3 .		
19	73.95	123	2.75	7191	7 1 .		
17	80.40	133	2.53	7172	8 0 .		
14	96.52	160	2.11	7200	1 0 0		
12	115.82	191	1.76	6991	1 1 2		
10	130.50	216	1.56	7200	1 2 5		
9	151.71	251	1.35	7153	1 6 0		
8	172.19	284	1.19	6841	1 8 0		
7	195.75	324	1.04	7200	2 0 0		
19	73.95	123	3.20	7200	M 0 5 3 2 7 1 . _ D _ - _ _ . 2 5 A - -	28.1	71
17	80.40	133	2.99	7200	8 0 .		
14	96.52	160	2.56	6894	1 0 0		
12	115.82	192	2.20	6946	1 1 2		
10	130.50	216	1.98	6750	1 2 5		
9	151.71	251	1.74	6012	1 6 0		
8	172.19	285	1.56	6508	1 8 0		
7	195.75	324	1.39	5921	2 0 0		
14	99.54	165	3.77	7200	M 0 6 3 2 1 0 0 _ D _ - _ _ . 2 5 A - -	33.2	71
11	119.50	198	3.14	7200	1 1 2		
10	143.39	237	2.63	7200	1 2 5		
8.5	161.57	268	2.33	7200	1 6 0		
7.3	187.83	312	2.00	7200	1 8 0		
6.4	213.18	353	1.77	7200	2 0 0		
5.7	242.36	401	1.49	7200	2 2 5		

0.37 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
368	3.75	9	5.97	1674	M 0 1 2 2 3 . 6 _ D _ - _ _ . 3 7 A - -	14.9	71
272	5.07	12	4.68	1754	5 . 0		
240	5.76	14	4.22	1793	5 . 6		
211	6.53	16	3.83	1808	6 . 3		
165	8.35	20	3.14	1797	8 . 0		
153	9.00	22	2.96	1791	9 . 0		
121	11.36	28	2.45	1795	1 1 .		
107	12.88	31	2.21	1795	1 2 .		
94	14.71	36	1.98	1709	1 4 .		
84	16.37	40	1.83	1860	1 6 .		
76	18.05	44	1.68	1805	1 8 .		
69	19.86	49	1.56	1702	2 0 .		
59	23.27	57	1.37	1824	2 2 .		
49	27.92	68	1.19	1563	2 8 .		
42	32.54	80	1.05	1810	3 2 .		
38	36.16	88	0.96	1710	3 6 .		
78	17.58	43	3.68	4000	M 0 2 2 2 1 8 . _ D _ - _ _ . 3 7 A - -	18.4	71
68	20.23	50	3.19	4000	2 0 .		
63	21.99	54	2.93	4000	2 2 .		
52	26.40	65	2.45	3963	2 8 .		
44	31.68	78	2.05	4000	3 2 .		
39	35.69	87	1.82	4000	3 6 .		
33	41.49	102	1.56	4000	4 5 .		
29	47.09	116	1.38	4000	5 0 .		
26	53.54	131	1.10	3820	5 6 .		
24	57.03	138	1.15	4000	M 0 2 3 2 5 6 . _ D _ - _ _ . 3 7 A - -	19.2	71
22	62.87	153	1.04	4000	6 3 .		
20	69.19	168	0.95	4000	7 1 .		
17	81.07	197	0.81	3640	8 0 .		
68	20.23	49	3.91	3870	M 0 3 2 2 2 0 . _ D _ - _ _ . 3 7 A - -	18.4	71
63	21.99	54	3.63	3819	2 2 .		
52	26.40	65	3.11	3600	2 8 .		
44	31.68	78	2.68	3663	3 2 .		
39	35.69	87	2.37	3457	3 6 .		
33	41.49	102	1.76	3746	4 5 .		
29	47.09	115	1.40	3444	5 0 .		
26	53.54	131	1.10	3820	5 6 .		
24	57.03	138	1.50	3687	M 0 3 3 2 5 6 . _ D _ - _ _ . 3 7 A - -	19.2	71
22	62.87	153	1.36	3384	6 3 .		
20	69.19	168	1.24	2930	7 1 .		
17	81.07	197	1.06	3640	8 0 .		
14	97.26	236	0.88	2560	1 0 0		
24	58.38	142	2.37	7087	M 0 4 3 2 5 6 . _ M _ - _ _ . 3 7 A - -	27.8	71
21	64.29	157	2.15	7200	6 3 .		
19	73.95	180	1.87	7177	7 1 .		
17	80.40	196	1.72	7123	8 0 .		
14	96.52	235	1.44	7200	1 0 0		
12	115.82	281	1.20	6799	1 1 2		
11	130.50	317	1.06	7200	1 2 5		
9.1	151.71	369	0.92	7110	1 6 0		
8	172.19	418	0.81	6510	1 8 0		
24	58.38	142	2.68	7200	M 0 5 3 2 5 6 . _ D _ - _ _ . 3 7 A - -	28.6	71
21	64.29	157	2.46	7200	6 3 .		
19	73.95	181	2.18	6679	7 1 .		
17	80.40	196	2.03	6979	8 0 .		
14	96.52	235	1.74	6370	1 0 0		
12	115.82	282	1.49	6512	1 1 2		
11	130.50	317	1.35	5978	1 2 5		
9.1	151.71	370	1.19	4915	1 6 0		
8	172.19	419	1.06	5870	1 8 0		
7	195.75	476	0.94	4740	2 0 0		
19	72.28	176	3.42	7200	M 0 6 3 2 6 3 . _ D _ - _ _ . 3 7 A - -	33.7	71
17	79.60	195	3.14	7200	7 1 .		
15	91.56	224	2.78	7200	8 0 .		
14	99.54	243	2.57	7200	1 0 0		
12	119.50	292	2.14	7200	1 1 2		
10	143.39	349	1.79	7200	1 2 5		
8.5	161.57	393	1.59	7200	1 6 0		
7.3	187.83	458	1.36	7200	1 8 0		
6.5	213.18	519	1.20	7200	2 0 0		
5.7	242.36	590	1.01	7200	2 2 5		

0.55 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight	Motor Size
365	3.75	13	3.99	1633	M 0 1 2 2 3 . 6 _ D _ - _ _ . 5 5 A - -	18.9	80
270	5.07	18	3.13	1700	5 . 0		
238	5.76	21	2.82	1731	5 . 6		
210	6.53	24	2.56	1741	6 . 3		
164	8.35	30	2.10	1722	8 . 0		
152	9.00	33	1.98	1713	9 . 0		
121	11.36	42	1.64	1720	1 1 .		
106	12.88	47	1.48	1720	1 2 .		
93	14.71	54	1.32	1571	1 4 .		
84	16.37	60	1.22	1832	1 6 .		
76	18.05	66	1.13	1736	1 8 .		
69	19.86	73	1.04	1559	2 0 .		
59	23.27	85	0.92	1770	2 2 .		
123	11.15	41	3.62	4000	M 0 2 2 2 1 1 . _ D _ - _ _ . 5 5 A - -	22.4	80
111	12.37	45	3.33	4000	1 2 .		
97	14.05	52	3.01	4000	1 4 .		
86	15.97	59	2.70	4000	1 6 .		
78	17.58	65	2.46	3943	1 8 .		
68	20.23	75	2.13	3885	2 0 .		
62	21.99	81	1.96	4000	2 2 .		
52	26.40	97	1.64	3908	2 8 .		
43	31.68	117	1.37	4000	3 2 .		
38	35.69	131	1.22	4000	3 6 .		
33	41.49	153	1.04	4000	4 5 .		
29	47.09	173	0.92	4000	5 0 .		
111	12.37	46	3.93	4000	M 0 3 2 2 1 2 . _ D _ - _ _ . 5 5 A - -	22.4	80
97	14.05	52	3.52	4000	1 4 .		
86	15.97	59	3.18	3543	1 6 .		
78	17.58	65	2.92	3456	1 8 .		
68	20.23	74	2.61	3776	2 0 .		
62	21.99	81	2.42	3688	2 2 .		
52	26.40	97	2.08	3311	2 8 .		
43	31.68	116	1.79	3421	3 2 .		
38	35.69	131	1.58	3065	3 6 .		
33	41.49	152	1.18	3563	4 5 .		
29	47.09	173	0.93	3044	5 0 .		
24	57.03	207	1.00	3390	M 0 3 3 2 5 6 . _ D _ - _ _ . 5 5 A - -	23.4	80
22	62.87	229	0.91	2800	6 3 .		
20	69.19	252	0.83	2160	7 1 .		
50	27.30	101	3.33	7082	M 0 4 2 2 2 8 . _ D _ - _ _ . 5 5 A - -	30.4	80
43	32.19	119	2.83	7143	3 2 .		
39	35.25	130	2.59	7160	3 6 .		
32	43.20	159	2.11	7026	4 5 .		
28	48.15	177	1.91	7185	5 0 .		
25	54.00	198	1.36	7200	5 6 .		
23	58.38	213	1.58	6918	M 0 4 3 2 5 6 . _ D _ - _ _ . 5 5 A - -	31.8	80
21	64.29	235	1.44	7200	6 3 .		
19	73.95	270	1.25	7155	7 1 .		
17	80.40	294	1.15	7051	8 0 .		
14	96.52	352	0.96	7200	1 0 0		
12	115.82	422	0.80	6510	1 1 2		
50	27.30	101	3.37	6615	M 0 5 2 2 2 8 . _ D _ - _ _ . 5 5 A - -	30.6	80
43	32.19	119	2.92	6700	3 2 .		
39	35.25	130	2.71	6518	3 6 .		
32	43.20	159	2.28	6705	4 5 .		
28	48.15	177	2.01	6399	5 0 .		
25	54.00	198	1.36	7200	5 6 .		
23	58.38	213	1.79	6847	M 0 5 3 2 5 6 . _ D _ - _ _ . 5 5 A - -	32.6	80
21	64.29	235	1.64	6633	6 3 .		
19	73.95	271	1.46	5898	7 1 .		
17	80.40	294	1.36	6648	8 0 .		
14	96.52	352	1.16	5584	1 0 0		
12	115.82	422	1.00	5860	1 1 2		
10	130.50	475	0.90	4820	1 2 5		
34	39.86	147	3.74	7200	M 0 6 2 2 3 6 . _ D _ - _ _ . 5 5 A - -	35.7	80
31	43.64	161	3.47	7200	4 5 .		
26	53.49	197	2.53	7200	5 0 .		
23	59.61	219	2.01	7200	5 6 .		
20	66.86	246	1.36	7200	6 3 .		

0.55kW
4 POLE

N2 R/MIN Output Speed	i Ratio	M2 Nm Output Torque	Fm Service Factor	N Overhung Load	Unit Designation (Column Entry 1 Through 20, Spaces to be filled when entering order)	Kg Weight	Motor Size
19	72.28	264	2.28	7200	M 0 6 3 2 6 3 . _ D _ - _ _ . 5 5 A - -	37.7	80
17	79.60	292	2.10	7200	7 1 .		
15	91.56	336	1.86	7200	8 0 .		
14	99.54	364	1.71	7200	1 0 0		
11	119.50	437	1.43	7200	1 1 2		
10	143.39	523	1.19	7200	1 2 5		
8.5	161.57	589	1.06	7200	1 6 0		
7.3	187.83	686	0.91	7200	1 8 0		
6.4	213.18	777	0.80	7200	2 0 0		
23	58.95	216	3.50	10000	M 0 7 3 2 5 6 . _ D _ - _ _ . 5 5 A - -	46.7	80
22	62.83	229	3.35	10000	6 3 .		
18	74.47	272	2.99	10000	7 1 .		
17	79.51	290	2.87	10000	8 0 .		
14	98.66	359	2.41	10000	1 0 0		
12	116.34	426	2.03	10000	1 1 2		
11	127.39	466	1.86	10000	1 2 5		
8.8	156.12	568	1.52	10000	1 6 0		
7.9	174.01	633	1.37	10000	1 8 0		

0.75 kW
4 POLE

369	3.75	18	2.95	1588	M 0 1 2 2 3 . 6 _ D _ - _ _ . 7 5 A - -	19.9	80
273	5.07	25	2.32	1639	5 . 0		
240	5.76	28	2.09	1662	5 . 6		
212	6.53	32	1.90	1667	6 . 3		
166	8.35	41	1.55	1640	8 . 0		
154	9.00	44	1.46	1626	9 . 0		
122	11.36	56	1.21	1636	1 1 .		
108	12.88	64	1.09	1636	1 2 .		
94	14.71	73	0.98	1418	1 4 .		
85	16.37	81	0.90	1800	1 6 .		
77	18.05	90	0.83	1660	1 8 .		
173	8.00	40	3.49	4000	M 0 2 2 2 8 . 0 _ D _ - _ _ . 7 5 A - -	23.4	80
152	9.09	45	3.17	4000	9 . 0		
124	11.15	55	2.69	3873	1 1 .		
112	12.37	61	2.47	3834	1 2 .		
99	14.05	70	2.23	4000	1 4 .		
87	15.97	80	2.00	3968	1 6 .		
79	17.58	87	1.82	3879	1 8 .		
68	20.23	101	1.58	3758	2 0 .		
63	21.99	110	1.45	4000	2 2 .		
52	26.40	131	1.21	3847	2 8 .		
44	31.68	157	1.01	4000	3 2 .		
39	35.69	177	0.90	4000	3 6 .		
152	9.09	45	3.68	3795	M 0 3 2 2 9 . 0 _ D _ - _ _ . 7 5 A - -	23.4	80
124	11.15	55	3.18	3780	1 1 .		
112	12.37	62	2.92	3738	1 2 .		
99	14.05	70	2.61	3787	1 4 .		
87	15.97	79	2.36	3331	1 6 .		
79	17.58	88	2.17	3203	1 8 .		
68	20.23	100	1.94	3671	2 0 .		
63	21.99	110	1.80	3543	2 2 .		
52	26.40	131	1.54	2991	2 8 .		
44	31.68	157	1.32	3151	3 2 .		
39	35.69	177	1.17	2631	3 6 .		
33	41.49	206	0.87	3360	4 5 .		
85	16.31	81	3.86	6316	M 0 4 2 2 1 6 . _ D _ - _ _ . 7 5 A - -	31.4	80
80	17.39	87	3.66	6432	1 8 .		
67	20.61	103	3.16	6751	2 0 .		
63	22.00	110	2.99	6876	2 2 .		
51	27.30	136	2.47	6951	2 8 .		
43	32.19	160	2.10	7079	3 2 .		
39	35.25	175	1.92	7116	3 6 .		
32	43.20	215	1.57	6833	4 5 .		
29	48.15	239	1.41	7169	5 0 .		
26	54.00	268	1.01	7200	5 6 .		
24	58.38	287	1.17	6729	M 0 4 3 2 5 6 . _ D _ - _ _ . 7 5 A - -	32.8	80
22	64.29	317	1.06	7200	6 3 .		
19	73.95	365	0.93	7130	7 1 .		
17	80.40	396	0.85	6970	8 0 .		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
0.75 kW 4 POLE							
85	16.31	81	3.86	5931	M 0 5 2 2 1 6 . _ D _ - _ _ . 7 5 A - -	31.6	80
80	17.39	87	3.66	5991	1 8 .		
67	20.61	103	3.16	6129	2 0 .		
63	22.00	110	2.99	6508	2 2 .		
51	27.30	136	2.50	6343	2 8 .		
43	32.19	161	2.17	6467	3 2 .		
39	35.25	175	2.01	6200	3 6 .		
32	43.20	215	1.69	6474	4 5 .		
29	48.15	238	1.49	6027	5 0 .		
26	54.00	268	1.01	7200	5 6 .		
24	58.38	287	1.32	6456	M 0 5 3 2 5 6 . _ D _ - _ _ . 7 5 A - -	33.6	80
22	64.29	317	1.22	6003	6 3 .		
19	73.95	365	1.08	5029	7 1 .		
17	80.40	397	1.01	6280	8 0 .		
14	96.52	475	0.86	4710	1 0 0		
51	27.24	136	3.83	7200	M 0 6 2 2 2 8 . _ D _ - _ _ . 7 5 A - -	36.7	80
41	33.80	168	3.20	7200	3 2 .		
35	39.86	199	2.78	7200	3 6 .		
32	43.64	217	2.57	7200	4 5 .		
26	53.49	266	1.87	7200	5 0 .		
23	59.61	295	1.49	7200	5 6 .		
21	66.86	331	1.01	7200	6 3 .		
19	72.28	356	1.69	7200	M 0 6 3 2 6 3 . _ D _ - _ _ . 7 5 A - -	38.7	80
17	79.60	394	1.55	7200	7 1 .		
15	91.56	454	1.38	7200	8 0 .		
14	99.54	491	1.27	7200	1 0 0		
12	119.50	589	1.06	7200	1 1 2		
10	143.39	706	0.89	7200	1 2 5		
23	58.95	291	2.60	9541	M 0 7 3 2 5 6 . _ D _ - _ _ . 7 5 A - -	47.7	80
22	62.83	310	2.48	9418	6 3 .		
19	74.47	367	2.22	9646	7 1 .		
17	79.51	391	2.13	9461	8 0 .		
14	98.66	485	1.78	8756	1 0 0		
12	116.34	575	1.50	8709	1 1 2		
11	127.39	628	1.38	8196	1 2 5		
8.9	156.12	767	1.13	7750	1 6 0		
8.0	174.01	854	1.01	6200	1 8 0		
7.1	195.15	956	0.90	4380	2 0 0		
1.1 kW 4 POLE							
368	3.75	27	2.01	1509	M 0 1 2 2 3 . 6 _ D _ - _ _ 1 . 1 A - -	23.9	90S
272	5.07	37	1.57	1533	5 . 0		
240	5.76	42	1.42	1541	5 . 6		
211	6.53	47	1.29	1538	6 . 3		
165	8.35	61	1.06	1495	8 . 0		
153	9.00	66	0.99	1474	9 . 0		
385	3.59	26	3.8	3880	M 0 2 2 2 3 . 6 _ D _ - _ _ 1 . 1 A - -	27.4	90S
274	5.03	37	3.12	4000	5 . 0		
249	5.55	41	2.95	4000	5 . 6		
219	6.30	46	2.73	3879	6 . 3		
173	8.00	59	2.37	3781	8 . 0		
152	9.09	66	2.15	3882	9 . 0		
124	11.15	82	1.83	3650	1 1 .		
112	12.37	91	1.68	3543	1 2 .		
98	14.05	103	1.51	4000	1 4 .		
274	5.03	36	3.65	3794	M 0 3 2 2 5 . 0 _ D _ - _ _ 1 . 1 A - -	27.4	90S
249	5.55	40	3.43	3753	5 . 6		
219	6.30	46	3.18	3689	6 . 3		
173	8.00	59	2.73	3539	8 . 0		
152	9.09	67	2.5	3438	9 . 0		
124	11.15	82	2.16	3394	1 1 .		
112	12.37	91	1.98	3280	1 2 .		
98	14.05	103	1.77	3413	1 4 .		

1.1 kW

4 POLE

N2 R/MIN Output Speed	i Ratio	M2 Nm Output Torque	Fm Service Factor	N Overhung Load	Unit Designation — Column Entry [1] Through [20] — Spaces to be filled when entering order	Kg Weight	Motor Size
127	10.89	80	3.69	5730	M 0 4 2 2 1 1 . _ D _ - _ _ 1 . 1 A - -	35.4	90S
110	12.54	92	3.27	5856	1 2 .		
95	14.58	107	2.88	5934	1 4 .		
85	16.31	120	2.62	6129	1 6 .		
79	17.39	128	2.48	6231	1 8 .		
67	20.61	152	2.15	6513	2 0 .		
63	22.00	162	2.03	6623	2 2 .		
51	27.30	201	1.68	6721	2 8 .		
43	32.19	236	1.43	6967	3 2 .		
39	35.25	258	1.31	7038	3 6 .		
32	43.20	317	1.06	6496	4 5 .		
29	48.15	351	0.96	7140	5 0 .		
127	10.89	80	3.69	5520	M 0 5 2 2 1 1 . _ D _ - _ _ 1 . 1 A - -	35.6	90S
110	12.54	92	3.27	5325	1 2 .		
95	14.58	107	2.88	5278	1 4 .		
85	16.31	120	2.62	5665	1 6 .		
79	17.39	128	2.48	5681	1 8 .		
67	20.61	152	2.15	5690	2 0 .		
63	22.00	162	2.03	6195	2 2 .		
51	27.30	201	1.7	5866	2 8 .		
43	32.19	237	1.47	6060	3 2 .		
39	35.25	258	1.37	5645	3 6 .		
32	43.20	317	1.15	6071	4 5 .		
29	48.15	351	1.01	5375	5 0 .		
54	25.51	188	3.39	7200	M 0 6 2 2 2 2 . _ D _ - _ _ 1 . 1 A - -	40.7	90S
51	27.24	200	3.18	7200	2 8 .		
41	33.80	248	2.56	7200	3 2 .		
35	39.86	293	2.18	7200	3 6 .		
32	43.64	320	1.99	7200	4 5 .		
26	53.49	391	1.37	7200	5 0 .		
24	59.61	428	1.10	7200	5 6 .		
51	26.93	198	3.65	9472	M 0 7 2 2 2 8 . _ D _ - _ _ 1 . 1 A - -	47.7	90S
43	32.12	236	3.13	9590	3 2 .		
39	35.17	257	2.91	9436	3 6 .		
33	42.21	309	2.48	9449	4 5 .		
28	48.56	356	1.93	9710	5 0 .		
26	53.96	393	1.51	10000	5 6 .		
23	58.95	429	1.77	8737	M 0 7 3 2 5 6 . _ D _ - _ _ 1 . 1 A - -	51.7	90S
22	62.83	456	1.69	8400	6 3 .		
19	74.47	541	1.51	9027	7 1 .		
17	79.51	576	1.44	8518	8 0 .		
14	98.66	714	1.21	6578	1 0 0		
12	116.34	847	1.02	6450	1 1 2		
11	127.39	925	0.93	5040	1 2 5		
23	60.33	437	3.66	15000	M 0 8 3 2 5 6 . _ D _ - _ _ 1 . 1 A - -	78.2	90S
21	66.02	480	3.43	15000	6 3 .		
18	74.69	541	3.05	15000	7 1 .		
16	84.31	611	2.7	15000	8 0 .		
14	102.20	742	2.22	14409	1 0 0		
12	119.19	862	1.91	15000	1 1 2		
11	130.92	948	1.74	14300	1 2 5		
8.6	160.45	1162	1.42	15000	1 6 0		
7.9	175.21	1271	1.3	15000	1 8 0		
6.8	201.75	1455	1.13	13089	2 0 0		

1.5 kW

4 POLE

N2 R/MIN Output Speed	i Ratio	M2 Nm Output Torque	Fm Service Factor	N Overhung Load	Unit Designation — Column Entry [1] Through [20] — Spaces to be filled when entering order	Kg Weight	Motor Size
371	3.75	37	1.48	1419	M 0 1 2 2 3 . 6 _ D _ - _ _ 1 . 5 A - -	25.9	90L
274	5.07	50	1.16	1412	5 . 0		
241	5.76	57	1.05	1402	5 . 6		
213	6.53	64	0.95	1390	6 . 3		
387	3.59	35	2.81	3815	M 0 2 2 2 3 . 6 _ D _ - _ _ 1 . 5 A - -	29.4	90L
276	5.03	50	2.31	3822	5 . 0		
251	5.55	55	2.18	3786	5 . 6		
221	6.30	62	2.02	3740	6 . 3		
174	8.00	79	1.75	3530	8 . 0		
153	9.09	90	1.59	3747	9 . 0		
125	11.15	111	1.35	3395	1 1 .		
112	12.37	123	1.24	3211	1 2 .		
99	14.05	140	1.12	4000	1 4 .		

1.5 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight	Motor Size
387	3.59	35	3.31	3816	M 0 3 2 2 3 . 6 _ D _ - _ _ 1 . 5 A - -	29.4	90L
276	5.03	50	2.7	3645	5 . 0		
251	5.55	55	2.54	3573	5 . 6		
221	6.30	62	2.35	3463	6 . 3		
174	8.00	79	2.01	3204	8 . 0		
153	9.09	90	1.85	3029	9 . 0		
125	11.15	111	1.6	2953	1 1 .		
112	12.37	123	1.46	2756	1 2 .		
99	14.05	140	1.31	2987	1 4 .		
173	8.05	80	3.53	5281	M 0 4 2 2 8 . 0 _ D _ - _ _ 1 . 5 A - -	37.4	90L
152	9.13	91	3.17	5449	9 . 0		
128	10.89	108	2.73	5514	1 1 .		
111	12.54	125	2.42	5690	1 2 .		
95	14.58	145	2.13	5711	1 4 .		
85	16.31	162	1.94	5914	1 6 .		
80	17.39	173	1.83	6001	1 8 .		
67	20.61	206	1.58	6241	2 0 .		
63	22.00	219	1.5	6335	2 2 .		
51	27.30	272	1.24	6459	2 8 .		
43	32.19	320	1.05	6840	3 2 .		
39	35.25	350	0.97	6950	3 6 .		
173	8.05	80	3.53	5080	M 0 5 2 2 8 . 0 _ D _ - _ _ 1 . 5 A - -	37.6	90L
152	9.13	91	3.17	5132	9 . 0		
128	10.89	108	2.73	5185	1 1 .		
111	12.54	125	2.42	5037	1 2 .		
95	14.58	145	2.13	4894	1 4 .		
85	16.31	162	1.94	5361	1 6 .		
80	17.39	173	1.83	5326	1 8 .		
67	20.61	206	1.58	5188	2 0 .		
63	22.00	219	1.5	5839	2 2 .		
51	27.30	272	1.25	5322	2 8 .		
43	32.19	321	1.09	5594	3 2 .		
39	35.25	350	1.01	5011	3 6 .		
32	43.20	429	0.85	5610	4 5 .		
103	13.48	134	3.48	7200	M 0 6 2 2 1 2 . _ D _ - _ _ 1 . 5 A - -	42.7	90L
90	15.52	155	3.09	7200	1 4 .		
77	18.05	180	2.72	7015	1 6 .		
69	20.20	201	2.48	6823	1 8 .		
65	21.53	215	2.35	7200	2 0 .		
54	25.51	254	2.03	7200	2 2 .		
51	27.24	271	1.92	7200	2 8 .		
41	33.80	336	1.6	7200	3 2 .		
35	39.86	397	1.39	7200	3 6 .		
32	43.64	433	1.29	7200	4 5 .		
26	53.49	530	0.94	7200	5 0 .		
77	17.94	178	3.82	9119	M 0 7 2 2 1 8 . _ D _ - _ _ 1 . 5 A - -	49.7	90L
68	20.54	204	3.4	8945	2 0 .		
60	23.23	231	3.06	9106	2 2 .		
52	26.93	268	2.7	8868	2 8 .		
43	32.12	319	2.31	9121	3 2 .		
40	35.17	349	2.15	8791	3 6 .		
33	42.21	418	1.83	8820	4 5 .		
29	48.56	482	1.43	9379	5 0 .		
26	53.96	532	1.12	10000	5 6 .		
24	58.95	581	1.3	7818	M 0 7 3 3 2 5 6 . _ D _ - _ _ 1 . 5 A -	53.7	90L
22	62.83	617	1.25	7236	6 3 .		
19	74.47	732	1.11	8320	7 1 .		
17	79.51	780	1.07	7440	8 0 .		
14	98.66	966	0.89	4090	1 0 0		
23	60.33	591	2.7	15000	M 0 8 3 2 5 6 . _ D _ - _ _ 1 . 5 A - -	80.2	90L
21	66.02	650	2.54	15000	6 3 .		
19	74.69	733	2.25	14572	7 1 .		
16	84.31	827	1.99	15000	8 0 .		
14	102.20	1004	1.64	13733	1 0 0		
12	119.19	1168	1.41	15000	1 1 2		
11	130.92	1284	1.28	13791	1 2 5		
8.7	160.45	1574	1.05	15000	1 6 0		
7.9	175.21	1721	0.96	15000	1 8 0		
6.9	201.75	1970	0.84	11700	2 0 0		

2.2 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
393	3.58	51	3.92	4689	M 0 4 2 2 3 . 6 _ D _ - _ _ 2 . 2 A - -	45.4	100L
280	5.04	72	3.26	4846	5 . 0		
250	5.65	81	3.05	4924	5 . 6		
222	6.34	91	2.86	5008	6 . 3		
175	8.05	116	2.44	4968	8 . 0		
154	9.13	131	2.19	5238	9 . 0		
130	10.89	157	1.89	5135	1 1 .		
112	12.54	181	1.67	5399	1 2 .		
97	14.58	210	1.47	5322	1 4 .		
86	16.31	235	1.34	5539	1 6 .		
81	17.39	250	1.27	5599	1 8 .		
68	20.61	298	1.1	5764	2 0 .		
64	22.00	317	1.04	5830	2 2 .		
52	27.30	394	0.86	6000	2 8 .		
280	5.04	72	3.64	4673	M 0 5 2 2 5 . 0 _ D _ - _ _ 2 . 2 A - -	45.6	100L
250	5.65	81	3.31	4742	5 . 0		
222	6.34	91	2.99	4806	5 . 6		
175	8.05	116	2.44	4765	6 . 3		
154	9.13	131	2.19	4715	8 . 0		
130	10.89	157	1.89	4599	9 . 0		
112	12.54	181	1.67	4534	1 1 .		
97	14.58	210	1.47	4221	1 2 .		
86	16.31	235	1.34	4829	1 4 .		
81	17.39	250	1.27	4706	1 6 .		
68	20.61	298	1.1	4309	1 8 .		
64	22.00	317	1.04	5214	2 0 .		
52	27.30	393	0.87	4369	2 2 .		
180	7.85	113	3.83	7200	M 0 6 2 2 8 . 0 _ D _ - _ _ 2 . 2 A - -	50.7	100L
141	9.97	144	3.12	7200	9 . 0		
125	11.30	163	2.81	7045	1 1 .		
105	13.48	195	2.41	7200	1 2 .		
91	15.52	224	2.14	7200	1 4 .		
78	18.05	260	1.88	6900	1 6 .		
70	20.20	291	1.71	6590	1 8 .		
66	21.53	311	1.62	7200	2 0 .		
55	25.51	368	1.41	7200	2 2 .		
52	27.24	393	1.33	7200	2 8 .		
42	33.80	486	1.11	7200	3 2 .		
35	39.86	574	0.96	7200	3 6 .		
124	11.35	163	3.93	8786	M 0 7 2 2 1 1 . _ D _ - _ _ 2 . 2 A - -	57.7	100L
113	12.48	180	3.62	8618	1 2 .		
98	14.34	206	3.2	8585	1 4 .		
87	16.26	234	2.88	8505	1 6 .		
79	17.94	258	2.64	8297	1 8 .		
69	20.54	295	2.35	7960	2 0 .		
61	23.23	334	2.12	8272	2 2 .		
52	26.93	387	1.87	7811	2 8 .		
44	32.12	462	1.6	8300	3 2 .		
40	35.17	505	1.49	7662	3 6 .		
33	42.21	605	1.27	7719	4 5 .		
29	48.56	696	0.99	8800	5 0 .		
24	58.95	840	0.9	6210	M 0 7 3 2 5 6 . _ D _ - _ _ 2 . 2 A - -	61.7	100L
22	62.83	893	0.86	5200	6 3 .		
43	32.97	469	3.47	15000	M 0 8 2 2 3 2 . _ D _ - _ _ 3 . 0 A - -	83.6	100L
39	36.21	515	3.2	15000	3 6 .		
32	44.38	631	2.61	15000	4 5 .		
29	48.46	689	2.39	15000	5 0 .		
26	55.80	790	1.95	15000	5 6 .		
23	60.33	855	1.87	15000	M 0 8 3 2 5 6 . _ D _ - _ _ 2 . 2 A - -	88.2	100L
21	66.02	940	1.75	15000	6 3 .		
19	74.69	1060	1.56	13824	7 1 .		
17	84.31	1196	1.38	15000	8 0 .		
14	102.20	1452	1.14	12551	1 0 0		
12	119.19	1689	0.98	15000	1 1 2		
11	130.92	1857	0.89	12900	1 2 5		

3.0 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
396	3.58	70	2.9	4594	M 0 4 2 2 3 . 6 _ D _ - _ _ 3 . 0 A - -	47.4	100L
282	5.04	98	2.41	4712	5 . 0		
251	5.65	110	2.26	4774	5 . 6		
224	6.34	124	2.11	4839	6 . 3		
176	8.05	157	1.81	4611	8 . 0		
156	9.13	178	1.62	4996	9 . 0		
130	10.89	213	1.39	4702	1 1 .		
113	12.54	245	1.23	5066	1 2 .		
97	14.58	285	1.09	4876	1 4 .		
87	16.31	318	0.99	5110	1 6 .		
82	17.39	339	0.94	5140	1 8 .		
69	20.61	403	0.81	5220	2 0 .		
396	3.58	70	3.59	4423	M 0 5 2 2 3 . 6 _ D _ - _ _ 3 . 0 A - -	47.6	100L
282	5.04	98	2.69	4544	5 . 0		
251	5.65	110	2.44	4599	5 . 6		
224	6.34	123	2.21	4628	6 . 3		
176	8.05	157	1.81	4405	8 . 0		
156	9.13	178	1.62	4239	9 . 0		
130	10.89	213	1.39	3929	1 1 .		
113	12.54	245	1.23	3958	1 2 .		
97	14.58	285	1.09	3452	1 4 .		
87	16.31	318	0.99	4220	1 6 .		
82	17.39	339	0.94	3997	1 8 .		
69	20.61	403	0.81	3305	2 0 .		
228	6.24	122	3.43	7200	M 0 6 2 2 5 . 6 _ D _ - _ _ 3 . 0 A - -	52.7	100L
203	6.99	137	3.12	7200	6 . 3		
181	7.85	154	2.83	7200	8 . 0		
142	9.97	195	2.3	7200	9 . 0		
126	11.30	221	2.07	6933	1 1 .		
105	13.48	264	1.78	7200	1 2 .		
91	15.52	304	1.58	7200	1 4 .		
79	18.05	353	1.39	6769	1 6 .		
70	20.20	394	1.27	6323	1 8 .		
66	21.53	421	1.2	7200	2 0 .		
56	25.51	499	1.04	7200	2 2 .		
52	27.24	532	0.98	7200	2 8 .		
42	33.80	659	0.82	7200	3 2 .		
125	11.35	221	2.9	8117	M 0 7 2 2 1 1 . _ D _ - _ _ 3 . 0 A - -	59.7	100L
114	12.48	243	2.67	7856	1 2 .		
99	14.34	280	2.37	7805	1 4 .		
87	16.26	317	2.13	7680	1 6 .		
79	17.94	350	1.95	7357	1 8 .		
69	20.54	400	1.74	6835	2 0 .		
61	23.23	452	1.56	7319	2 2 .		
53	26.93	524	1.38	6604	2 8 .		
44	32.12	626	1.18	7362	3 2 .		
40	35.17	683	1.1	6372	3 6 .		
34	42.21	819	0.94	6460	4 5 .		
78	18.26	356	3.82	15000	M 0 8 2 2 1 8 . _ D _ - _ _ 3 . 0 A - -	85.6	100L
69	20.66	402	3.62	15000	2 0 .		
61	23.32	456	3.33	15000	2 2 .		
50	28.27	553	2.82	15000	2 8 .		
43	32.97	643	2.47	15000	3 2 .		
39	36.21	706	2.28	15000	3 6 .		
32	44.38	865	1.91	14438	4 5 .		
29	48.46	943	1.75	14025	5 0 .		
25	55.80	1079	1.32	15000	5 6 .		
24	60.33	1158	1.38	15000	M 0 8 3 2 5 6 . _ D _ - _ _ 3 . 0 A - -	90.2	100L
22	66.02	1273	1.3	15000	6 3 .		
19	74.69	1435	1.15	12969	7 1 .		
17	84.31	1620	1.02	15000	8 0 .		
14	102.20	1966	0.84	11200	1 0 0		

4.0 kW
4 POLE

N2 R/MIN Output Speed	i Ratio	M2 Nm Output Torque	Fm Service Factor	N Overhung Load	Unit Designation — Column Entry [1] Through [20] Spaces to be filled when entering order	Kg Weight	Motor Size
398	3.58	93	2.18	4476	M 0 4 2 2 3 . 6 _ D _ - _ _ 4 . 0 A - -	56.4	112M
283	5.04	130	1.81	4545	5 . 0		
252	5.65	146	1.7	4586	5 . 6		
225	6.34	165	1.59	4628	6 . 3		
177	8.05	209	1.36	4164	8 . 0		
156	9.13	237	1.22	4693	9 . 0		
131	10.89	283	1.05	4161	1 1 .		
398	3.58	93	2.7	4309	M 0 5 2 2 3 . 6 _ D _ - _ _ 4 . 0 A - -	56.6	112M
283	5.04	130	2.02	4383	5 . 0		
252	5.65	146	1.84	4419	5 . 6		
225	6.34	164	1.66	4407	6 . 3		
177	8.05	209	1.36	3955	8 . 0		
156	9.13	237	1.22	3644	9 . 0		
131	10.89	283	1.05	3092	1 1 .		
321	4.44	115	3.14	7200	M 0 6 2 2 5 . 0 _ D _ - _ _ 4 . 0 A - -	61.7	112M
228	6.24	163	2.58	7200	5 . 6		
204	6.99	182	2.35	7200	6 . 3		
182	7.85	204	2.13	7200	8 . 0		
143	9.97	260	1.73	7200	9 . 0		
126	11.30	294	1.56	6792	1 1 .		
106	13.48	351	1.34	7200	1 2 .		
126	11.35	294	2.18	7280	M 0 7 2 2 1 1 . _ D _ - _ _ 4 . 0 A - -	68.7	112M
114	12.48	323	2.01	6903	1 2 .		
99	14.34	372	1.78	6829	1 4 .		
88	16.26	421	1.6	6649	1 6 .		
79	17.94	465	1.47	6182	1 8 .		
69	20.54	532	1.31	5428	2 0 .		
61	23.23	601	1.18	6127	2 2 .		
53	26.93	697	1.04	5094	2 8 .		
44	32.12	832	0.89	6190	3 2 .		
41	35.17	908	0.83	4760	3 6 .		
85	16.69	431	3.29	15000	M 0 8 2 2 1 6 . _ D _ - _ _ 4 . 0 A - -	94.6	112M
78	18.26	473	2.87	14269	1 8 .		
69	20.66	535	2.73	14073	2 0 .		
61	23.32	606	2.51	13868	2 2 .		
50	28.27	734	2.12	13461	2 8 .		
43	32.97	854	1.86	13911	3 2 .		
39	36.21	938	1.71	13624	3 6 .		
32	44.38	1149	1.43	14063	4 5 .		
29	48.46	1252	1.32	13375	5 0 .		
26	55.80	1434	0.99	15000	5 6 .		
24	60.33	1539	1.04	15000	M 0 8 3 2 5 6 . _ D _ - _ _ 4 . 0 A - -	99.2	112M
22	66.02	1691	0.98	15000	6 3 .		
19	74.69	1907	0.86	11900	7 1 .		

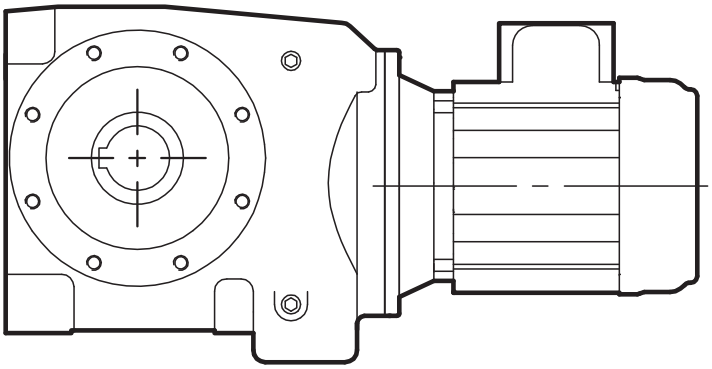
5.5 kW
4 POLE

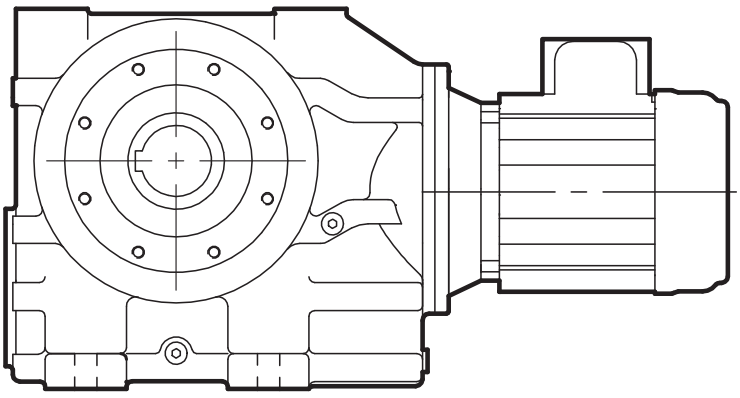
N2 R/MIN Output Speed	i Ratio	M2 Nm Output Torque	Fm Service Factor	N Overhung Load	Unit Designation — Column Entry [1] Through [20] Spaces to be filled when entering order	Kg Weight	Motor Size
404	3.58	125	1.61	4298	M 0 4 2 2 3 . 6 _ D _ - _ _ 5 . 5 A - -	74.4	132S
288	5.04	176	1.34	4294	5 . 0		
257	5.65	198	1.26	4305	5 . 6		
229	6.34	223	1.17	4312	6 . 3		
180	8.05	283	1.01	3494	8 . 0		
159	9.13	320	0.9	4240	9 . 0		
404	3.58	126	2	4138	M 0 5 2 2 3 . 6 _ D _ - _ _ 5 . 5 A - -	74.6	132S
288	5.04	176	1.5	4142	5 . 0		
257	5.65	198	1.36	4149	5 . 6		
229	6.34	222	1.23	4074	6 . 3		
180	8.05	283	1.01	3280	8 . 0		
159	9.13	320	0.9	2751	9 . 0		
327	4.44	155	2.33	7200	M 0 6 2 2 5 . 0 _ D _ - _ _ 5 . 5 A - -	79.7	132S
232	6.24	220	1.91	7200	5 . 6		
207	6.99	246	1.74	7200	6 . 3		
185	7.85	276	1.58	7200	8 . 0		
145	9.97	351	1.28	7200	9 . 0		
128	11.30	397	1.15	6581	1 1 .		
108	13.48	474	0.99	7200	1 2 .		
128	11.35	398	1.61	6024	M 0 7 2 2 1 1 . _ D _ - _ _ 5 . 5 A - -	86.7	132S
116	12.48	437	1.49	5474	1 2 .		
101	14.34	502	1.32	5366	1 4 .		
89	16.26	569	1.18	5102	1 6 .		
81	17.94	629	1.09	4420	1 8 .		
71	20.54	719	0.97	3318	2 0 .		
62	23.23	812	0.87	4340	2 2 .		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
5.5 kW 4 POLE							
87	16.69	582	2.44	13514	M 0 8 2 2 1 6 . _ D _ - _ _ 5 . 5 A - -	112	132S
79	18.26	639	2.13	13172	1 8 .		
70	20.66	723	2.02	12681	2 0 .		
62	23.32	819	1.85	12169	2 2 .		
51	28.27	993	1.57	11153	2 8 .		
44	32.97	1155	1.38	12278	3 2 .		
40	36.21	1268	1.27	11561	3 6 .		
33	44.38	1553	1.06	13500	4 5 .		
30	48.46	1693	0.97	12400	5 0 .		
7.5 kW 4 POLE							
128	11.35	543	1.18	4350	M 0 7 2 2 1 1 . _ D _ - _ _ 7 . 5 A - -	93.7	132M
116	12.48	596	1.09	3569	1 2 .		
101	14.34	685	0.97	3415	1 4 .		
89	16.26	776	0.87	3040	1 6 .		
87	16.69	794	1.79	11532	M 0 8 2 2 1 6 . _ D _ - _ _ 7 . 5 A - -	120	132M
79	18.26	871	1.56	11709	1 8 .		
70	20.66	986	1.48	10826	2 0 .		
62	23.32	1117	1.36	9904	2 2 .		
51	28.27	1354	1.15	8076	2 8 .		
44	32.97	1575	1.01	10100	3 2 .		
40	36.21	1729	0.93	8810	3 6 .		

NOTES

SERIES C
COMPACT GEARED MOTOR





UNIT VERSIONS & MOUNTING POSITION

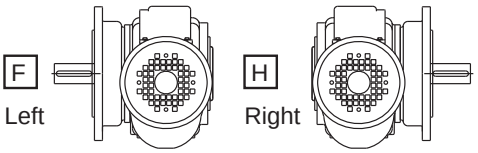
Unit Version

Column 9 Entry

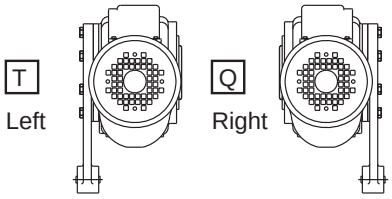
W - Standard unit without feet (C03 - C06 only)

B - Standard unit with base mounted feet (C03 - C08)

Standard Unit With Output Flange



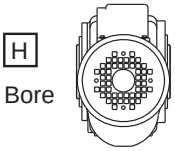
Standard Unit With Torque Bracket



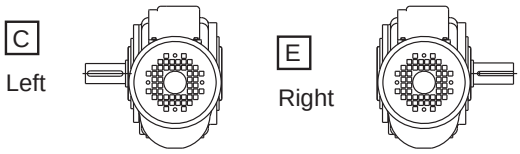
Output Shaft

Column 11 Entry

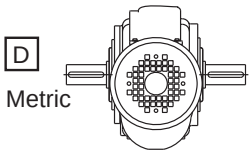
Hollow Shaft



Single Output Shaft

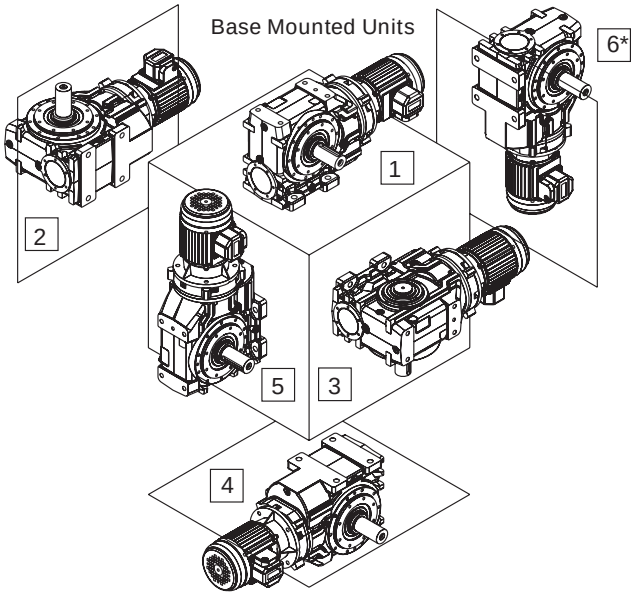


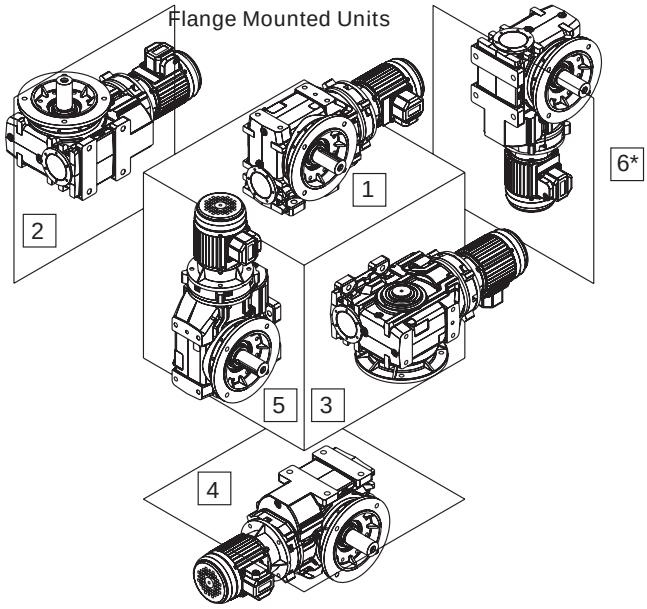
Double Output Shaft



Mounting Position

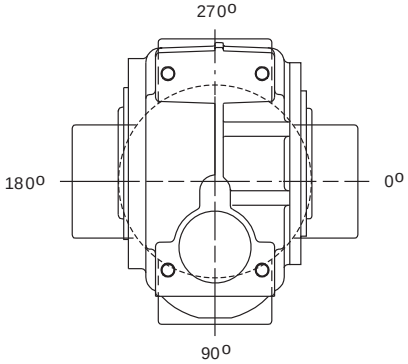
Column 13 Entry





Terminal Box Position

Column 14 Entry

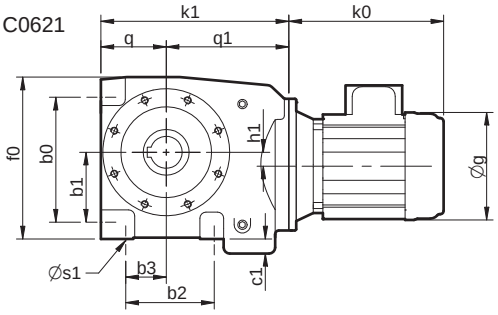


Terminal Box Position	C03 to C07 Column 14 Entry	C08 Column 14 Entry
0°	A	n/a
90°	B	n/a
180°	C	n/a
270°	D	D

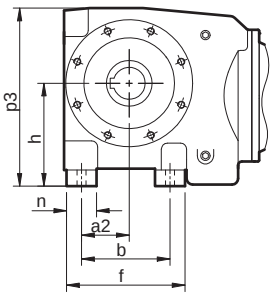
* Mounting Position 6 is not recommended for geared motors - Consult Application Engineering

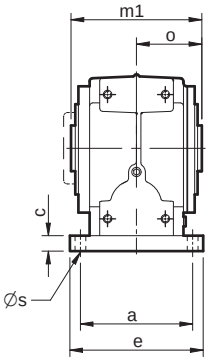
DIMENSIONS
DOUBLE REDUCTION UNIT WITH COMPACT MOTOR

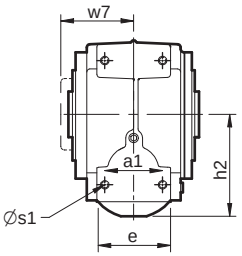
C0321 - C0621

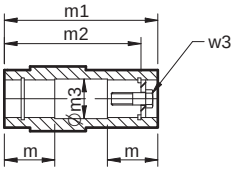


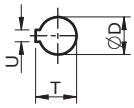
C0321 - C0621
With Feet



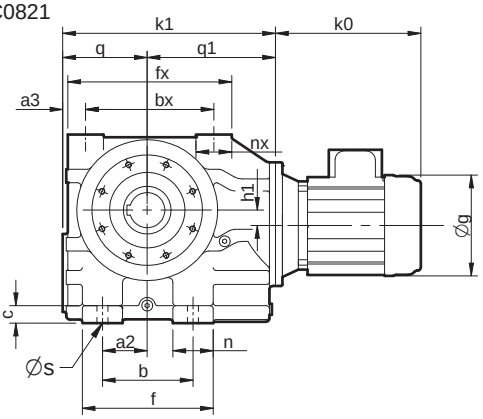


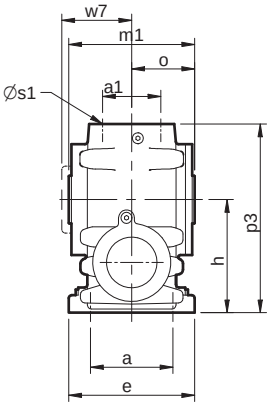






C0721 - C0821





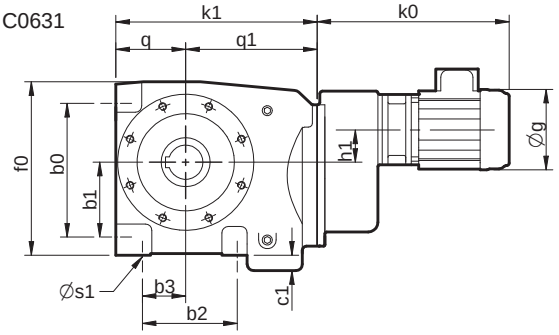
SIZE	a	a1	a2	a3	b	b0	b1	b2	b3	bx	c	c1	e	e1	f	f0	fx	h	h1
C0321	90	54	-	-	63	80	40	63	35	-	9	9	110	70	88	139	-	80	5.3
C0421	100	56	-	-	80	118	65	80	35	-	14	7	124	80	115	158	-	100	15
C0521	110	68	-	-	100	142	77	100	45	-	16	16	136	86	140	177	-	112	13
C0621	130	80	-	-	130	172	96	122	56	-	20	20	160	102	172	218	-	140	17
C0721	150	100	75	35.5	135	-	-	-	-	215	28	-	185	-	202	-	280	180	26
C0821	200	120	92	43	180	-	-	-	-	250	35	-	250	-	250	-	326	225	28

SIZE	n	nx	o	p3	q	q1	q2	s	s1	w7	Hollow Output Bore							
											D	m	m1	m2	m3	T	U	w3
C0321	24	-	62	148	54	109	35	9	M8 x 15	70	20	52	124	104	20.2	22.9	6	M6 x 40
C0421	35	-	65	168	64	119	35	11	M10 x 20	74.5	30	54	130	122	30.2	33.5	8	M10 x 50
C0521	40	-	70	200	68	134	45	11	M10 x 18	79	35	56	140	127	35.3	38.5	10	M12 x 55
C0621	50	-	90	243	90	169	60	14	M12 x 20	101	45	70	180	156	45.3	49	14	M16 x 70
C0721	67	63	109	302	143	220	-	18	M20 x 34	125	60	79	218	188	60.5	64.5	18	M20 x 80
C0821	80	71	125	375	168	255	-	22	M20 x 34	143	70	70	250	220	70.5	75.1	20	M20 x 80

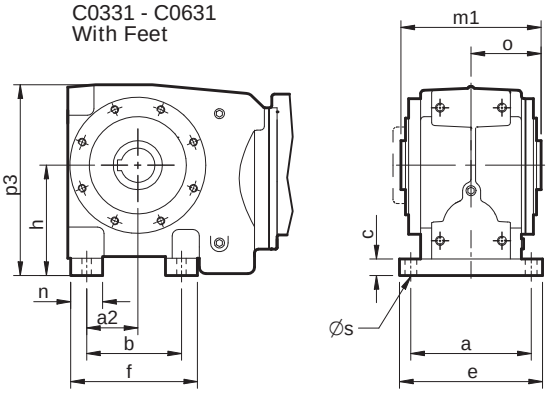
Double Reduction		**C0321**		**C0421**		**C0521**		**C0621**		**C0721**		**C0821**	
	g	**k1**	**k0**	**k1**	**k0**	**k1**	**k0**	**k1**	**k0**	**k1**	**k0**	**k1**	**k0**
0.25 kW	140	163	230	183	230	202	230	-	-	-	-	-	-
0.37 kW	140	163	230	183	230	202	230	-	-	-	-	-	-
0.55 kW	160	163	280	183	280	202	280	259	265	-	-	-	-
0.75 kW	160	163	300	183	300	202	300	259	285	-	-	-	-
1.1 kW	180	163	330	183	330	202	330	259	315	363	300	-	-
1.5 kW	180	163	365	183	365	202	365	259	350	363	335	-	-
2.2 kW	200	-	-	-	-	-	-	259	355	363	340	423	335
3.0 kW	200	-	-	-	-	-	-	259	365	363	350	423	350
4.0 kW	225	-	-	-	-	-	-	259	424	363	410	423	400
5.5 kW	260	-	-	-	-	-	-	259	495	363	480	423	475
7.5 kW	260	-	-	-	-	-	-	-	-	363	480	423	475

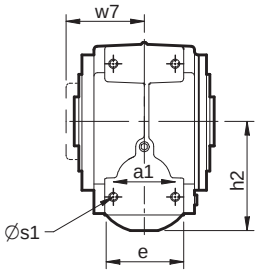
DIMENSIONS
TRIPLE REDUCTION UNIT WITH COMPACT MOTOR

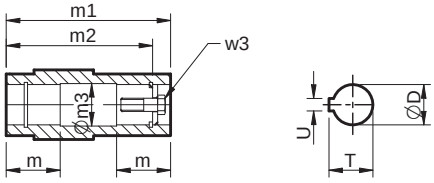
C0331 - C0631



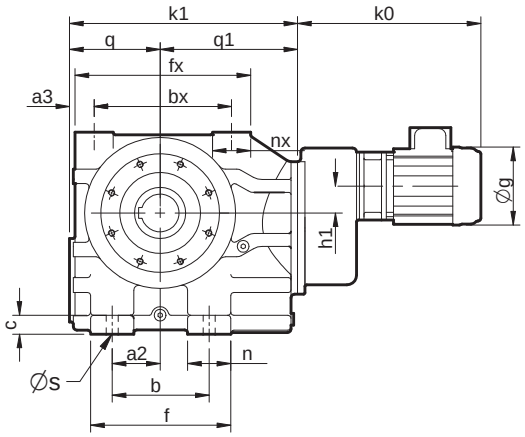
C0331 - C0631
With Feet

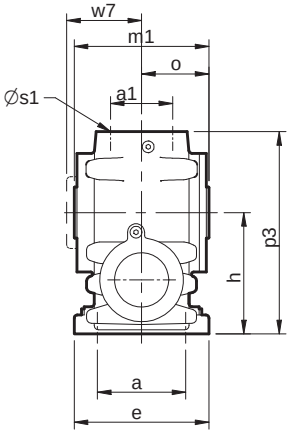






C0731



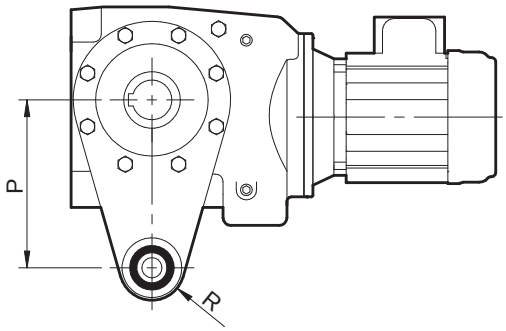


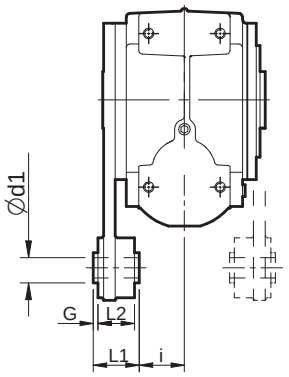
SIZE	a	a1	a2	a3	b	b0	b1	b2	b3	bx	c	c1	e	e1	f	f0	fx	h	h1
C0331	90	54	-	-	63	80	40	63	35	-	9	9	110	70	88	139	-	80	30.75
C0431	100	56	-	-	80	118	65	80	35	-	14	7	124	80	115	158	-	100	21.2
C0531	110	68	-	-	100	142	77	100	45	-	16	16	136	86	140	177	-	112	23
C0631	130	80	-	-	130	172	96	122	56	-	20	20	160	102	172	218	-	140	30
C0731	150	100	75	35.5	135	-	-	-	-	215	28	-	185	-	202	-	280	180	34

SIZE	n	nx	o	p3	q	q1	q2	s	s1	w7	Hollow Output Bore							
											D	m	m1	m2	m3	T	U	w3
C0331	24	-	62	148	54	109	35	9	M8 x 15	70	20	52	124	104	20.2	22.9	6	M6 x 40
C0431	35	-	65	168	64	119	35	11	M10 x 20	74.5	30	54	130	122	30.2	33.5	8	M10 x 50
C0531	40	-	70	200	68	134	45	11	M10 x 18	79	35	56	140	127	35.3	38.5	10	M12 x 55
C0631	50	-	90	243	90	169	60	14	M12 x 20	101	45	70	180	156	45.3	49	14	M16 x 70
C0731	67	63	109	302	143	220	-	18	M20 x 34	125	60	79	218	188	60.5	64.5	18	M20 x 80

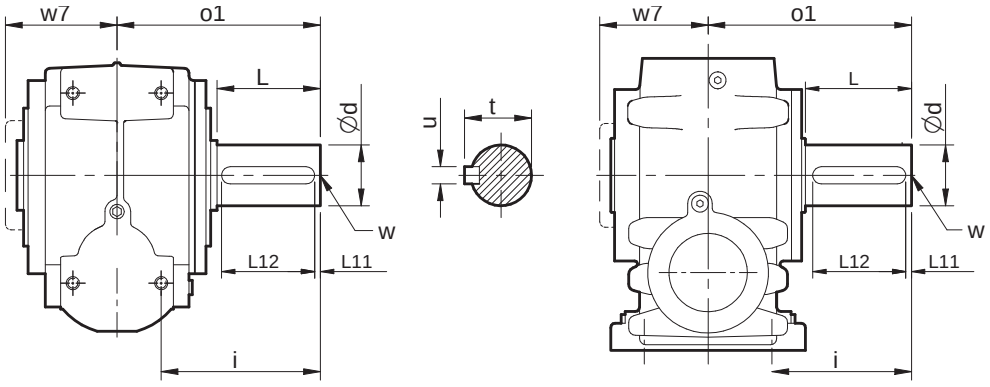
Triple Reduction		C0331		C0431		C0531		C0631		C0731	
	g	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0
0.25 kW	140	219	230	239	230	258	230	325	230	-	-
0.37 kW	140	219	230	239	230	258	230	325	230	-	-
0.55 kW	160	219	280	239	280	258	280	325	280	449	265
0.75 kW	160	219	300	239	300	258	300	325	300	449	285
1.1 kW	180	219	330	239	330	258	330	325	330	449	315
1.5 kW	180	219	365	239	365	258	365	325	365	449	350
2.2 kW	200	-	-	-	-	-	-	-	-	449	355
3.0 kW	200	-	-	-	-	-	-	-	-	449	365
4.0 kW	225	-	-	-	-	-	-	-	-	449	424
5.5 kW	260	-	-	-	-	-	-	-	-	449	495

DIMENSIONS
TORQUE ARM, OUTPUTSHAFT & OUTPUT FLANGE

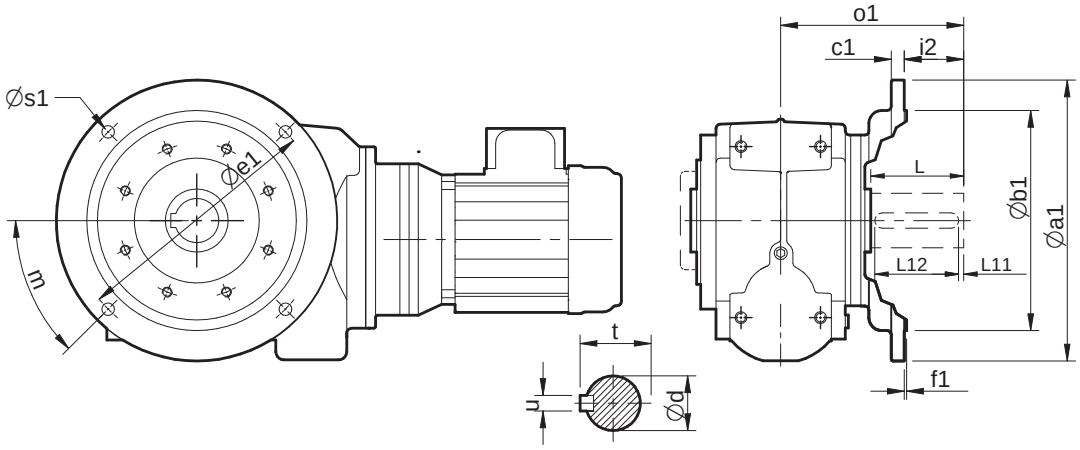




Size	d1	G	L1	L2	i	P	R
C03	10.3	2	36	32	47	110	23
C04	10.3	2	36	32	52	130	23
C05	10.3	2	36	32	52	160	23
C06	16.5	2	44	40	71.5	200	40
C07	16.5	2	60	56	77.5	250	43
C08	16.5	2	60	56	85.5	310	45



Size	ød	i	L	L11	L12	o1	t	u	w	w7
C03	20 k6	73	35	3	31	100	22.5	6	M8 x16	70
C04	25 k6	87	46	3	42	115	28	8	M10 x 22	74.8
C05	30 k6	100	60	3	53	134	33	8	M10 x 22	79
C06	35 k6	120	63	3	55	160	38	10	M12 x 25	101
C07	45 k6	120	76	3	70	195	48.5	14	M16 x 36	125
C08	60 k6	155	120	3	110	255	64	18	M20 x 42	143



Size	øa1	øb1	c1	ød	øe1	f1	L	L11	L12	m	o1	i2	øs1	t	u
C03	160	110 j6	10	20 k6	130	4	35	3	31	45°	100	75	9	22.5	6
C04	160	110 j6	10	25 k6	130	3.5	46	3	42	45°	115	86	9	28	8
C05	200	130 j6	12	30 k6	165	3.5	60	3	53	45°	134	107	11	33	8
C06	200	130 j6	12	35 k6	165	3.5	63	3	55	45°	160	120	11	38	10
C07	250	180 j6	12	45 k6	215	4	76	3	70	45°	195	145	14	48.5	14
C08	350	250 h6	18	60 k6	300	5	120	3	110	45°	255	170	18	64	18

0.25 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
163	8.59	12	6.64	2856	C 0 3 2 1 8 . 0 _D _ - _ _ . 2 5 A - -	15.5	71
121	11.61	16	5.37	2855	1 1 .		
106	13.20	18	4.9	2854	1 2 .		
94	14.95	20	4.48	2854	1 4 .		
86	16.36	20	4.29	2853	1 6 .		
73	19.12	26	3.76	2852	1 8 .		
68	20.61	28	3.56	2852	2 0 .		
63	22.11	26	3.51	2852	2 2 .		
56	25.14	30	3.21	2849	2 5 .		
49	28.48	34	2.95	2849	2 8 .		
42	33.71	45	2.49	2837	3 2 .		
38	36.43	42	2.49	2837	3 6 .		
36	39.26	46	2.37	2837	4 0 .		
31	45.50	60	2	2831	4 5 .		
26	53.31	70	1.79	2821	5 0 .		
25	56.19	64	1.85	2831	5 6 .		
22	64.21	73	1.69	2818	6 3 .		
19	74.55	97	1.47	2808	7 1 .		
17	82.83	107	1.36	2804	8 0 .		
16	86.67	97	1.43	2808	9 0 .		
14	101.54	112	1.27	2800	1 0 0		
12	114.33	146	0.88	2780	1 1 2		
10	142.00	153	0.97	2780	1 4 0		
8.9	157.78	169	0.88	2770	1 6 0		
13	105.36	133	1.12	2788	C 0 3 3 1 1 0 0 _D _ - _ _ . 2 5 A - -	19.5	71
12	120.39	151	0.98	2780	1 1 8		
11	130.10	138	1.07	2790	1 3 2		
10	140.21	148	1	2780	1 5 0		
38	36.43	44	3.98	5286	C 0 4 2 1 3 6 . _ D _ - _ _ . 2 5 A - -	18.5	71
36	39.26	47	3.78	5286	4 0 .		
31	45.50	61	3.35	5285	4 5 .		
26	53.31	71	2.92	5281	5 0 .		
25	56.19	66	2.96	5283	5 6 .		
22	64.21	74	2.7	5281	6 3 .		
19	74.55	98	2.09	5277	7 1 .		
17	82.83	109	1.76	5277	8 0 .		
16	86.67	99	2.29	5284	9 0 .		
14	101.54	114	2.04	5279	1 0 0		
12	114.33	147	0.88	5269	1 1 2		
10	142.00	156	1.61	5269	1 4 0		
8.9	157.78	172	1.49	5264	1 6 0		
6.4	217.78	233	0.88	5250	2 1 2		
13	105.36	135	1.5	5271	C 0 4 3 1 1 0 0 _D _ - _ _ . 2 5 A - -	21.5	71
12	120.39	154	1.31	5268	1 1 8		
11	130.10	142	1.68	5271	1 3 2		
10	140.21	152	1.61	5269	1 5 0		
8.6	162.50	206	0.97	5258	1 6 0		
7.4	190.38	239	0.83	5248	1 8 0		
7	200.68	213	1.29	5258	2 0 0		
6.1	229.32	243	1.14	5250	2 2 5		
19	73.37	99	3.83	7437	C 0 5 2 1 7 1 . _D _ - _ _ . 2 5 A - -	21.5	71
17	82.67	111	3.45	7436	8 0 .		
13	109.07	145	2.7	7435	1 1 2		
11	124.00	164	2.34	7436	1 2 5		
10	142.00	162	2.97	7436	1 4 0		
8.8	160.00	181	2.65	7431	1 6 0		
6.6	211.11	235	2.04	7425	2 1 2		
5.8	240.00	265	1.82	7434	2 5 0		
13	103.90	137	2.91	7433	C 0 5 3 1 1 0 0 _D _ - _ _ . 2 5 A - -	25.5	71
12	118.73	156	2.55	7430	1 1 8		
11	130.38	148	3.25	7432	1 3 2		
10	140.51	159	3.03	7430	1 5 0		
8.7	160.26	209	1.89	7427	1 6 0		
7.5	187.76	243	1.61	7427	1 8 0		
7	201.10	222	2.16	7430	2 0 0		
6.1	229.81	253	1.9	7427	2 2 5		
5.3	262.58	335	1.16	7424	2 6 5		
4.8	291.75	372	1.04	7419	2 8 0		
4.5	310.18	335	1.44	7424	3 1 5		
3.9	363.40	390	1.24	7414	3 6 0		
2.8	508.21	535	0.9	7400	5 0 0		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
0.25 kW 4 POLE							
8.2	169.81	234	3.27	11817	C 0 6 3 1 1 6 0 _D _ - _ _ . 2 5 A - -	39.5	71
7.6	184.62	253	3.02	11796	1 8 0		
5.3	265.95	360	2.12	11748	2 6 5		
4.7	299.67	404	1.89	11644	2 8 0		
4.3	328.67	374	2.05	11744	3 1 5		
3.9	357.32	404	1.89	11744	3 6 0		
3.5	395.39	530	1.44	11592	4 0 0		
3.1	449.50	599	1.28	11500	4 5 0		
2.7	514.75	569	1.34	11600	5 0 0		
2.4	580.00	637	1.2	11600	5 6 0		
0.37 kW 4 POLE							
163	8.59	18	4.49	2852	C 0 3 2 1 8 . 0 _D _ - _ _ . 3 7 A - -	15.5	71
121	11.61	24	3.63	2850	1 1 .		
106	13.20	27	3.31	2849	1 2 .		
94	14.95	30	3.03	2849	1 4 .		
86	16.36	30	2.9	2847	1 6 .		
73	19.12	39	2.54	2844	1 8 .		
68	20.61	41	2.41	2844	2 0 .		
63	22.11	39	2.37	2844	2 2 .		
56	25.14	45	2.17	2840	2 5 .		
49	28.48	50	2	2840	2 8 .		
42	33.71	67	1.68	2826	3 2 .		
38	36.43	63	1.68	2826	3 6 .		
36	39.26	68	1.6	2826	4 0 .		
31	45.50	90	1.35	2815	4 5 .		
26	53.31	104	1.21	2805	5 0 .		
25	56.19	96	1.25	2815	5 6 .		
22	64.21	108	1.14	2799	6 3 .		
19	74.55	143	0.99	2780	7 1 .		
17	82.83	159	0.92	2780	8 0 .		
16	86.67	143	0.97	2780	9 0 .		
63	22.11	41	3.78	5286	C 0 4 2 1 2 2 . _D _ - _ _ . 3 7 A - -	18.5	71
56	25.14	46	3.47	5284	2 5 .		
49	28.48	52	3.21	5284	2 8 .		
42	33.71	68	2.82	5280	3 2 .		
38	36.43	65	2.69	5282	3 6 .		
36	39.26	70	2.55	5282	4 0 .		
31	45.50	91	2.26	5282	4 5 .		
26	53.31	105	1.97	5274	5 0 .		
25	56.19	98	2	5278	5 6 .		
22	64.21	110	1.82	5274	6 3 .		
19	74.55	145	1.41	5266	7 1 .		
17	82.83	161	1.19	5266	8 0 .		
16	86.67	146	1.54	5280	9 0 .		
14	101.54	169	1.38	5270	1 0 0		
10	142.00	232	1.09	5250	1 4 0		
8.9	157.78	255	1	5240	1 6 0		
13	105.36	200	1.02	5255	C 0 4 3 1 1 0 0 _D _ - _ _ . 3 7 A - -	21.5	71
12	120.39	228	0.89	5249	1 1 8		
11	130.10	210	1.14	5255	1 3 2		
10	140.21	225	1.09	5250	1 5 0		
7	200.68	316	0.87	5230	2 0 0		
19	73.37	147	2.59	7434	C 0 5 2 1 7 1 . _D _ - _ _ . 3 7 A - -	21.5	71
17	82.67	165	2.33	7432	8 0 .		
15	90.67	159	3	7432	9 0 .		
14	98.57	171	2.82	7429	1 0 0		
13	109.07	215	1.82	7432	1 1 2		
11	124.00	243	1.58	7434	1 2 5		
10	142.00	240	2	7434	1 4 0		
8.8	160.00	268	1.79	7424	1 6 0		
6.6	211.11	349	1.38	7412	2 1 2		
5.8	240.00	392	1.23	7430	2 5 0		
13	103.90	204	1.96	7427	C 0 5 3 1 1 0 0 _D _ - _ _ . 3 7 A - -	25.5	71
12	118.73	232	1.72	7422	1 1 8		
11	130.38	219	2.19	7424	1 3 2		
10	140.51	235	2.05	7422	1 5 0		
8.7	160.26	309	1.28	7416	1 6 0		
7.5	187.76	360	1.09	7416	1 8 0		
7	201.10	329	1.46	7422	2 0 0		
6.1	229.81	374	1.29	7416	2 2 5		
4.5	310.18	496	0.97	7410	3 1 5		
3.9	363.40	577	0.84	7390	3 6 0		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
0.37 kW							
4 POLE							
17	80.94	171	3.55	11909	C 0 6 2 1 8 0 . _ D _ - _ _ . 3 7 A - -	34.5	71
13	110.57	230	2.74	11797	1 1 2		
11	124.00	257	2.06	11780	1 2 5		
10	143.08	257	2.97	11780	1 4 0		
8.9	156.67	279	2.74	11780	1 6 0		
6.5	214.00	373	2.05	11741	2 1 2		
5.8	240.00	415	1.84	11701	2 5 0		
8.2	169.81	346	2.21	11741	C 0 6 3 1 1 6 0 _ D _ - _ _ . 3 7 A - -	39.5	71
7.6	184.62	375	2.04	11701	1 8 0		
5.3	265.95	533	1.44	11609	2 6 5		
4.7	299.67	599	1.28	11500	2 8 0		
4.3	328.67	553	1.38	11600	3 1 5		
3.9	357.32	599	1.28	11600	3 6 0		
3.5	395.39	784	0.98	11400	4 0 0		
0.55 kW							
4 POLE							
165	8.59	26	3.06	2847	C 0 3 2 1 8 . 0 _ D _ - _ _ . 5 5 A - -	19.5	80A
122	11.61	35	2.47	2844	1 1 .		
108	13.20	39	2.26	2841	1 2 .		
95	14.95	45	2.07	2841	1 4 .		
87	16.36	44	1.98	2838	1 6 .		
74	19.12	57	1.73	2833	1 8 .		
69	20.61	61	1.64	2833	2 0 .		
64	22.11	58	1.62	2833	2 2 .		
56	25.14	66	1.48	2825	2 5 .		
50	28.48	74	1.36	2825	2 8 .		
42	33.71	98	1.15	2809	3 2 .		
39	36.43	93	1.15	2809	3 6 .		
36	39.26	100	1.09	2809	4 0 .		
31	45.50	132	0.92	2790	4 5 .		
27	53.31	153	0.83	2780	5 0 .		
25	56.19	140	0.85	2790	5 6 .		
108	13.20	40	3.76	5285	C 0 4 2 1 1 2 . _D _ - _ _ . 5 5 A - -	22.5	80A
95	14.95	46	3.45	5283	1 4 .		
87	16.36	45	3.17	5283	1 6 .		
74	19.12	58	2.88	5283	1 8 .		
69	20.61	62	2.74	5283	2 0 .		
64	22.11	60	2.58	5283	2 2 .		
56	25.14	67	2.37	5280	2 5 .		
50	28.48	76	2.19	5280	2 8 .		
42	33.71	99	1.92	5274	3 2 .		
39	36.43	95	1.83	5276	3 6 .		
36	39.26	102	1.74	5276	4 0 .		
31	45.50	133	1.54	5276	4 5 .		
27	53.31	155	1.35	5262	5 0 .		
25	56.19	143	1.36	5269	5 6 .		
22	64.21	162	1.24	5262	6 3 .		
19	74.55	213	0.97	5250	7 1 .		
17	82.83	236	0.81	5250	8 0 .		
30	46.84	141	2.71	7440	C 0 5 2 1 4 5 . _D _ - _ _ . 5 5 A - -	25.5	80A
28	50.93	152	2.56	7440	5 0 .		
19	73.37	215	1.76	7431	7 1 .		
17	82.67	241	1.59	7426	8 0 .		
16	90.67	233	2.05	7426	9 0 .		
14	98.57	250	1.92	7422	1 0 0		
13	109.07	316	1.24	7426	1 1 2		
11	124.00	357	1.08	7430	1 2 5		
10	142.00	352	1.37	7430	1 4 0		
8.9	160.00	394	1.22	7412	1 6 0		
6.7	211.11	511	0.94	7392	2 1 2		
14	103.90	299	1.34	7418	C 0 5 3 1 1 0 0 _D _ - _ _ . 5 5 A - -	29.5	80A
12	118.73	340	1.17	7409	1 1 8		
8.9	160.26	453	0.87	7399	1 6 0		
7.1	201.10	483	1	7410	2 0 0		
6.2	229.81	549	0.88	7400	2 2 5		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
0.55 kW 4 POLE							
22	64.80	180	3.99	11896	C 0 6 2 1 6 3 . _ D _ - _ _ . 5 5 A - -	37.5	80A
19	73.92	230	3.31	11844	7 1 .		
18	80.94	251	2.42	11844	8 0 .		
16	91.58	250	3.06	11844	9 0 .		
15	97.78	265	2.88	11844	1 0 0		
13	110.57	338	1.87	11724	1 1 2		
11	124.00	376	1.41	11695	1 2 5		
10	143.08	377	2.03	11695	1 4 0		
9.1	156.67	409	1.87	11695	1 6 0		
6.6	214.00	548	1.4	11626	2 1 2		
5.9	240.00	609	1.26	11558	2 5 0		
14	103.86	316	2.42	11800	C 0 6 3 1 1 0 0 _ D _ - _ _ . 5 5 A - -	43.5	80A
12	117.99	358	2.14	11700	1 1 8		
11	130.00	341	2.24	11800	1 3 2		
10	147.69	384	1.99	11700	1 5 0		
8.4	169.81	508	1.51	11626	1 6 0		
7.7	184.62	550	1.39	11558	1 8 0		
5.3	265.95	782	0.98	11400	2 6 5		
13	113.20	356	3.76	29125	C 0 7 3 1 1 1 8 _ D _ - _ _ . 5 5 A - -	89.5	80A
8.9	159.98	498	2.69	29096	1 6 0		
8.3	170.81	529	2.53	29106	1 8 0		
7.3	194.65	571	2.08	29106	2 0 0		
6.3	226.39	658	1.85	29075	2 2 5		
5.7	249.94	767	1.74	29044	2 6 5		
5.2	273.68	838	1.6	29013	2 8 0		
4.4	319.95	915	1.39	25273	3 1 5		
4.2	341.61	975	1.3	21625	3 6 0		
3.8	373.83	1133	1.18	20101	4 0 0		
3.4	419.25	1266	1.06	28926	4 5 0		
2.8	499.88	1412	0.9	28858	5 0 0		
2.6	547.35	1540	0.82	28858	5 6 0		
0.75 kW 4 POLE							
165	8.59	36	2.24	2841	C 0 3 2 1 8 . 0 _ D _ - _ _ . 7 5 A - -	19.5	80A
122	11.61	48	1.81	2837	1 1 .		
107	13.20	54	1.65	2832	1 2 .		
95	14.95	62	1.51	2832	1 4 .		
86	16.36	60	1.44	2827	1 6 .		
74	19.12	78	1.27	2821	1 8 .		
69	20.61	84	1.2	2821	2 0 .		
64	22.11	80	1.18	2821	2 2 .		
56	25.14	90	1.08	2810	2 5 .		
50	28.48	101	1	2810	2 8 .		
42	33.71	134	0.84	2790	3 2 .		
39	36.43	127	0.84	2790	3 6 .		
165	8.59	37	3.7	5287	C 0 4 2 1 8 . 0 _ D _ - _ _ . 7 5 A - -	22.5	80A
122	11.61	49	3.01	5283	1 1 .		
107	13.20	56	2.75	5283	1 2 .		
95	14.95	62	2.52	5280	1 4 .		
86	16.36	62	2.32	5280	1 6 .		
74	19.12	79	2.11	5280	1 8 .		
69	20.61	85	2	5280	2 0 .		
64	22.11	82	1.89	5280	2 2 .		
56	25.14	93	1.73	5276	2 5 .		
50	28.48	104	1.6	5276	2 8 .		
42	33.71	136	1.41	5267	3 2 .		
39	36.43	131	1.34	5270	3 6 .		
36	39.26	140	1.27	5270	4 0 .		
31	45.50	182	1.13	5270	4 5 .		
27	53.31	212	0.98	5250	5 0 .		
25	56.19	196	1	5260	5 6 .		
22	64.21	222	0.91	5250	6 3 .		

0.75 kW
4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
19	73.37	295	1.29	7427	C 0 5 2 1 7 1 . _ D _ - _ _ . 7 5 A - -	25.5	80A
17	82.67	330	1.16	7420	8 0 .		
16	90.67	319	1.5	7420	9 0 .		
14	98.57	343	1.41	7414	1 0 0		
13	109.07	432	0.91	7420	1 1 2		
8.8	160.00	539	0.89	7400	1 6 0		
14	103.90	409	0.98	7407	C 0 5 3 1 1 0 0 _ D _ - _ _ . 7 5 A - -	29.5	80A
12	118.73	465	0.86	7395	1 1 8		
11	130.38	440	1.09	7401	1 3 2		
10	140.51	472	1.02	7395	1 5 0		
30	47.32	205	3.38	11868	C 0 6 2 1 4 5 . _ D _ - _ _ . 7 5 A - -	37.5	80A
28	50.52	218	3.24	11848	5 0 .		
25	55.71	215	3.24	11878	5 6 .		
22	64.80	247	2.91	11848	6 3 .		
19	73.92	314	2.42	11771	7 1 .		
17	80.94	344	1.77	11771	8 0 .		
15	91.58	342	2.24	11771	9 0 .		
14	97.78	363	2.11	11771	1 0 0		
13	110.57	462	1.37	11642	1 1 2		
11	124.00	515	1.03	11600	1 2 5		
10	143.08	516	1.48	11600	1 4 0		
9	156.67	560	1.37	11600	1 6 0		
6.6	214.00	749	1.02	11500	2 1 2		
5.9	240.00	833	0.92	11400	2 5 0		
8.3	169.81	695	1.1	11500	C 0 6 3 1 1 6 0 _ D _ - _ _ . 7 5 A - -	43.5	80A
7.7	184.62	753	1.02	11400	1 8 0		
15	97.33	422	3.17	29134	C 0 7 3 1 1 0 0 _ D _ - _ _ . 7 5 A	89.5	80A
13	113.20	488	2.75	29090	1 1 8		
8.8	159.98	682	1.96	29048	1 6 0		
8.3	170.81	725	1.85	29063	1 8 0		
7.3	194.65	781	1.52	29063	2 0 0		
6.3	226.39	901	1.35	29017	2 2 5		
5.7	249.94	1050	1.28	28971	2 6 5		
5.2	273.68	1148	1.17	28926	2 8 0		
4.4	319.95	1252	1.01	23447	3 1 5		
4.1	341.61	1335	0.95	18101	3 6 0		
3.8	373.83	1550	0.86	15869	4 0 0		

1.1 kW
4 POLE

164	8.59	53	1.52	2831	C 0 3 2 1 8 . 0 _D _ - _ _ 1 . 1 A - -	24.5	90S
121	11.61	71	1.23	2824	1 1 .		
107	13.20	80	1.12	2817	1 2 .		
94	14.95	91	1.03	2817	1 4 .		
86	16.36	88	0.98	2810	1 6 .		
74	19.12	115	0.86	2800	1 8 .		
68	20.61	123	0.82	2800	2 0 .		
64	22.11	117	0.8	2800	2 2 .		
164	8.59	54	2.51	5286	C 0 4 2 1 8 . 0 _D _ - _ _ 1 . 1 A - -	26.5	90S
121	11.61	72	2.04	5279	1 1 .		
107	13.20	82	1.87	5280	1 2 .		
94	14.95	92	1.71	5275	1 4 .		
86	16.36	91	1.57	5275	1 6 .		
74	19.12	117	1.43	5275	1 8 .		
68	20.61	125	1.36	5275	2 0 .		
64	22.11	121	1.28	5275	2 2 .		
56	25.14	136	1.18	5268	2 5 .		
50	28.48	153	1.09	5268	2 8 .		
39	36.43	193	0.91	5260	3 6 .		
36	39.26	206	0.87	5260	4 0 .		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
1.1 kW 4 POLE							
170	8.31	53	3.88	7440	C 0 5 2 1 8 . 0 _ D _ - _ _ 1 . 1 A - -	30.5	90S
121	11.66	74	3.2	7440	1 1 .		
110	12.85	81	3.02	7440	1 2 .		
97	14.59	92	2.8	7438	1 4 .		
88	16.09	93	3.41	7440	1 6 .		
76	18.53	116	2.42	7440	1 8 .		
67	21.05	131	2.25	7437	2 0 .		
62	22.56	128	2.68	7437	2 2 .		
57	24.86	140	2.5	7437	2 5 .		
50	28.24	158	2.29	7435	2 8 .		
43	32.55	199	1.71	7433	3 2 .		
39	35.86	197	1.91	7433	3 6 .		
35	40.74	222	1.74	7433	4 0 .		
25	55.45	297	1.4	7428	5 6 .		
22	63.00	333	1.28	7422	6 3 .		
19	73.37	434	0.88	7420	7 1 .		
16	90.67	470	1.02	7410	9 0 .		
14	98.57	504	0.95	7400	1 0 0		
67	20.96	137	3.86	11944	C 0 6 2 1 2 0 . _ D _ - _ _ 1 . 1 A - -	42.5	90S
56	25.11	149	3.97	11944	2 5 .		
50	28.18	167	3.65	11936	2 8 .		
42	33.48	216	2.88	11820	3 2 .		
39	35.79	208	3.05	11836	3 6 .		
35	40.57	235	2.77	11832	4 0 .		
30	47.32	302	2.3	11795	4 5 .		
28	50.52	322	2.2	11764	5 0 .		
25	55.71	317	2.2	11811	5 6 .		
22	64.80	364	1.98	11764	6 3 .		
19	73.92	463	1.64	11644	7 1 .		
17	80.94	506	1.2	11644	8 0 .		
15	91.58	503	1.52	11644	9 0 .		
14	97.78	534	1.43	11644	1 0 0		
13	110.57	680	0.93	11500	1 1 2		
14	103.86	637	1.2	11500	C 0 6 3 1 1 0 0 _ D _ - _ _ 1 . 1 A - -	47.5	90S
12	117.99	722	1.06	11400	1 1 8		
11	130.00	687	1.11	11500	1 3 2		
10	147.69	773	0.99	11500	1 5 0		
46	30.81	205	3.86	29049	C 0 7 2 1 3 2 . _ D _ - _ _ 1 . 1 A - -	84.5	90S
32	44.13	290	3	29166	4 5 .		
28	49.90	327	2.69	29166	5 0 .		
26	53.62	338	2.79	29168	5 6 .		
23	61.62	386	2.51	29152	6 3 .		
20	69.00	448	2.07	29152	7 1 .		
19	75.56	490	1.91	29136	8 0 .		
16	88.26	547	1.88	29133	9 0 .		
14	99.79	612	1.71	29133	1 0 0		
14	104.32	665	1.46	29133	1 1 2		
12	115.92	739	1.31	29100	1 2 5		
10	138.00	833	1.34	29084	1 4 0		
9.3	151.12	914	1.25	29084	1 6 0		
6.8	208.65	1234	0.97	29000	2 1 2		
6.1	231.83	1366	0.89	28900	2 5 0		
14	97.33	621	2.16	29097	C 0 7 3 1 1 0 0 _ D _ - _ _ 1 . 1 A - -	93.5	90S
12	113.20	718	1.87	29029	1 1 8		
11	125.04	749	1.47	29087	1 3 2		
10	141.75	839	1.33	29100	1 5 0		
1.5 kW 4 POLE							
165	8.59	72	1.12	2820	C 0 3 2 1 8 . 0 _ D _ - _ _ 1 . 5 A - -	25.5	90L
122	11.61	96	0.91	2810	1 1 .		
108	13.20	109	0.83	2800	1 2 .		
165	8.59	73	1.85	5285	C 0 4 2 1 8 . 0 _ D _ - _ _ 1 . 5 A - -	27.5	90L
122	11.61	98	1.51	5275	1 1 .		
108	13.20	111	1.38	5276	1 2 .		
95	14.95	125	1.27	5270	1 4 .		
87	16.36	123	1.16	5270	1 6 .		
74	19.12	158	1.06	5270	1 8 .		
69	20.61	170	1.01	5270	2 0 .		
64	22.11	164	0.95	5270	2 2 .		
56	25.14	185	0.87	5260	2 5 .		
50	28.48	207	0.8	5260	2 8 .		

1.5 kW
4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
171	8.31	72	2.87	7440	C 0 5 2 1 8 . 0 _ D _ - _ _ 1 . 5 A - -	31.5	90L
122	11.66	100	2.36	7440	1 1 .		
111	12.85	110	2.23	7440	1 2 .		
97	14.59	125	2.07	7437	1 4 .		
88	16.09	126	2.52	7440	1 6 .		
77	18.53	157	1.79	7440	1 8 .		
67	21.05	177	1.66	7436	2 0 .		
63	22.56	174	1.98	7436	2 2 .		
57	24.86	190	1.85	7436	2 5 .		
50	28.24	214	1.69	7432	2 8 .		
44	32.55	270	1.26	7428	3 2 .		
40	35.86	268	1.41	7428	3 6 .		
35	40.74	301	1.29	7428	4 0 .		
26	55.45	402	1.03	7420	5 6 .		
23	63.00	451	0.95	7410	6 3 .		
109	12.97	116	3.82	11945	C 0 6 2 1 1 2 . _ D _ - _ _ 1 . 5 A - -	43.5	90L
98	14.56	130	3.56	11923	1 4 .		
89	15.93	131	3.94	11942	1 6 .		
77	18.49	164	3.08	11904	1 8 .		
68	20.96	186	2.85	11904	2 0 .		
63	22.40	182	3.18	11904	2 2 .		
57	25.11	202	2.93	11904	2 5 .		
50	28.18	226	2.7	11889	2 8 .		
42	33.48	292	2.13	11762	3 2 .		
40	35.79	282	2.25	11789	3 6 .		
35	40.57	318	2.04	11783	4 0 .		
30	47.32	409	1.7	11712	4 5 .		
28	50.52	436	1.63	11668	5 0 .		
25	55.71	429	1.63	11734	5 6 .		
22	64.80	493	1.46	11668	6 3 .		
19	73.92	627	1.21	11500	7 1 .		
18	80.94	685	0.89	11500	8 0 .		
16	91.58	682	1.12	11500	9 0 .		
15	97.78	724	1.06	11500	1 0 0		
46	30.81	278	2.85	28940	C 0 7 2 1 3 2 . _ D _ - _ _ 1 . 5 A - -	85.5	90L
32	44.13	393	2.21	29142	4 5 .		
28	49.90	443	1.98	29142	5 0 .		
26	53.62	458	2.06	29144	5 6 .		
23	61.62	523	1.85	29117	6 3 .		
21	69.00	606	1.53	29117	7 1 .		
19	75.56	663	1.41	29089	8 0 .		
16	88.26	740	1.39	29084	9 0 .		
14	99.79	829	1.27	29084	1 0 0		
14	104.32	901	1.08	29084	1 1 2		
12	115.92	1000	0.97	29027	1 2 5		
10	138.00	1128	0.99	29000	1 4 0		
9.4	151.12	1238	0.92	29000	1 6 0		
15	97.33	841	1.59	29056	C 0 7 3 1 1 0 0 _ D _ - _ _ 1 . 5 A - -	94.5	90L
13	113.20	972	1.38	28960	1 1 8		
11	125.04	1014	1.08	29006	1 3 2		
10	141.75	1136	0.99	29027	1 5 0		
8.9	159.98	1359	0.99	28868	1 6 0		
8.3	170.81	1445	0.93	28900	1 8 0		

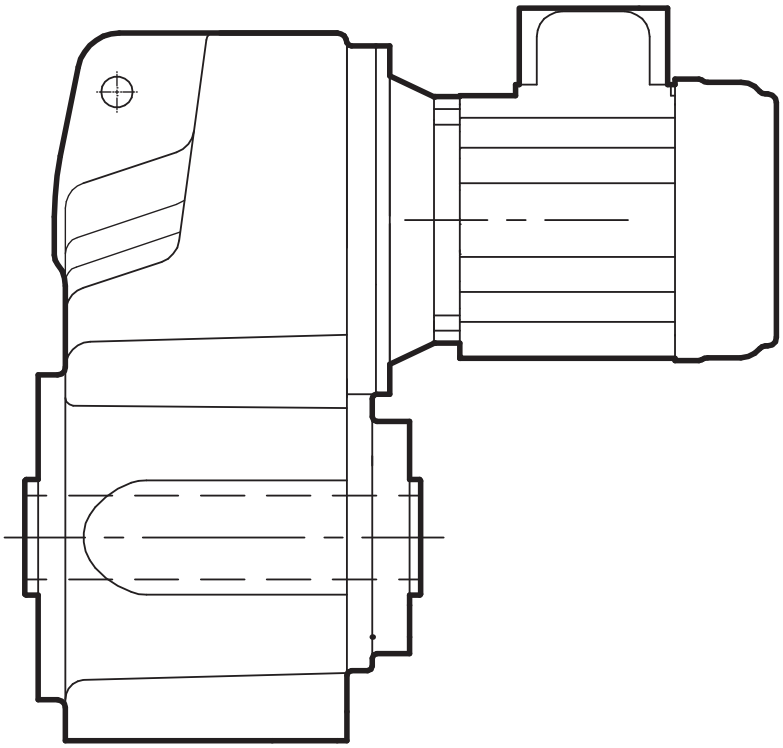
2.2 kW
4 POLE

173	8.23	109	3.4	11928	C 0 6 2 1 8 . 0 _ D _ - _ _ 2 . 2 A - -	53	100L
123	11.57	152	2.8	11905	1 1 .		
110	12.97	170	2.61	11905	1 2 .		
98	14.56	191	2.44	11866	1 4 .		
89	15.93	191	2.69	11900	1 6 .		
77	18.49	240	2.11	11833	1 8 .		
68	20.96	272	1.95	11833	2 0 .		
64	22.40	266	2.18	11833	2 2 .		
57	25.11	296	2.01	11833	2 5 .		
51	28.18	331	1.84	11808	2 8 .		
43	33.48	427	1.46	11660	3 2 .		
40	35.79	413	1.54	11708	3 6 .		
35	40.57	465	1.4	11697	4 0 .		
30	47.32	598	1.16	11566	4 5 .		
28	50.52	637	1.11	11500	5 0 .		
26	55.71	627	1.11	11600	5 6 .		
22	64.80	720	1	11500	6 3 .		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
2.2 kW							
4 POLE							
46	30.81	406	1.95	28748	C 0 7 2 1 3 2 . _ D _ - _ _ 2 . 2 A - -	95	100L
32	44.13	575	1.51	29100	4 5 .		
29	49.90	648	1.36	29100	5 0 .		
27	53.62	670	1.41	29104	5 6 .		
23	61.62	764	1.27	29056	6 3 .		
21	69.00	886	1.05	29056	7 1 .		
19	75.56	970	0.96	29008	8 0 .		
16	88.26	1082	0.95	29000	9 0 .		
14	99.79	1211	0.87	29000	1 0 0		
15	97.33	1229	1.09	28983	C 0 7 3 1 1 0 0 _ D _ - _ _ 2 . 2 A - -	104	100L
13	113.20	1421	0.94	28838	1 1 8		
33	43.64	576	3.77	41063	C 0 8 2 1 4 5 . _ D _ - _ _ 2 . 2 A - -	145	100L
29	49.26	646	3.48	41638	5 0 .		
20	69.64	901	2.76	41828	7 1 .		
19	76.50	989	2.59	41805	8 0 .		
16	87.29	1081	1.96	41833	9 0 .		
14	98.53	1211	1.78	41852	1 0 0		
14	102.38	1311	2.1	41852	1 1 2		
12	117.89	1497	1.9	41804	1 2 5		
10	139.29	1684	1.37	41756	1 4 0		
9.3	153.00	1845	1.27	41765	1 6 0		
7	204.75	2435	1.01	41630	2 1 2		
3.0 kW							
4 POLE							
173	8.23	149	2.5	11894	C 0 6 2 1 8 . 0 _ D _ - _ _ 3 . 0 A - -	53	100L
123	11.57	208	2.05	11858	1 1 .		
110	12.97	232	1.92	11858	1 2 .		
98	14.56	260	1.79	11802	1 4 .		
89	15.93	261	1.98	11851	1 6 .		
77	18.49	328	1.55	11752	1 8 .		
68	20.96	370	1.43	11752	2 0 .		
64	22.40	362	1.6	11752	2 2 .		
57	25.11	403	1.47	11752	2 5 .		
51	28.18	451	1.35	11715	2 8 .		
43	33.48	583	1.07	11544	3 2 .		
40	35.79	563	1.13	11615	3 6 .		
35	40.57	634	1.03	11600	4 0 .		
30	47.32	815	0.85	11400	4 5 .		
46	30.81	554	1.43	28530	C 0 7 2 1 3 2 . _ D _ - _ _ 3 . 0 A - -	95	100L
32	44.13	785	1.11	29051	4 5 .		
29	49.90	883	1	29051	5 0 .		
27	53.62	913	1.04	29057	5 6 .		
23	61.62	1042	0.93	28986	6 3 .		
33	43.64	785	2.76	40657	C 0 8 2 1 4 5 . _ D _ - _ _ 3 . 0 A - -	145	100L
29	49.26	881	2.55	41512	5 0 .		
20	69.64	1229	2.02	41794	7 1 .		
19	76.50	1349	1.9	41758	8 0 .		
16	87.29	1474	1.44	41801	9 0 .		
14	98.53	1652	1.31	41828	1 0 0		
14	102.38	1788	1.54	41828	1 1 2		
12	117.89	2042	1.4	41757	1 2 5		
10	139.29	2296	1.01	41686	1 4 0		
9.3	153.00	2517	0.93	41700	1 6 0		
4.0 kW							
174	8.23	197	1.89	11851	C 0 6 2 1 8 . 0 _ D _ - _ _ 4 . 0 A - -	65	112M
124	11.57	275	1.55	11801	1 1 .		
111	12.97	308	1.45	11801	1 2 .		
99	14.56	344	1.35	11721	1 4 .		
90	15.93	346	1.49	11790	1 6 .		
78	18.49	435	1.17	11651	1 8 .		
68	20.96	491	1.08	11651	2 0 .		
64	22.40	480	1.2	11651	2 2 .		
57	25.11	534	1.11	11651	2 5 .		
51	28.18	597	1.02	11600	2 8 .		
40	35.79	746	0.85	11500	3 6 .		
47	30.81	734	1.08	28256	C 0 7 2 1 3 2 . _ D _ - _ _ 4 . 0 A - -	109	112M
33	44.13	1039	0.84	28990	4 5 .		
33	43.64	1040	2.09	40150	C 0 8 2 1 4 5 . _ D _ - _ _ 4 . 0 A	152	112M
29	49.26	1167	1.93	41353	5 0 .		
21	69.64	1628	1.53	41751	7 1 .		
19	76.50	1787	1.43	41701	8 0 .		
16	87.29	1951	1.09	41760	9 0 .		
15	98.53	2188	0.99	41800	1 0 0		
14	102.38	2368	1.17	41800	1 1 2		
12	117.89	2704	1.05	41700	1 2 5		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
5.5 kW							
4 POLE							
175	8.23	270	1.38	11786	C 0 6 2 1 8 . 0 _ D _ - _ _ 5 . 5 A - -	82	132SA
124	11.57	377	1.13	11715	1 1 .		
111	12.97	422	1.06	11715	1 2 .		
99	14.56	472	0.99	11600	1 4 .		
90	15.93	474	1.09	11700	1 6 .		
78	18.49	596	0.85	11500	1 8 .		
64	22.40	658	0.88	11500	2 2 .		
57	25.11	732	0.81	11500	2 5 .		
33	43.64	1425	1.52	39389	C 0 8 2 1 4 5 . _ D _ - _ _ 5 . 5 A - -	169	132SA
29	49.26	1599	1.41	41116	5 0 .		
21	69.64	2231	1.12	41686	7 1 .		
19	76.50	2448	1.05	41615	8 0 .		
7.5 kW							
4 POLE							
33	43.64	1937	1.12	38375	C 0 8 2 1 4 5 . _ D _ - _ _ 7 . 5 A - -	173	132M
29	49.26	2173	1.04	40800	5 0 .		

SERIES F
COMPACT GEARED MOTOR



Unit Version

Column 9 Entry

T - Standard Unit with Torque Bush

W - Standard Unit without Torque Bush

F - Standard Unit with Output Flange

Output Shaft

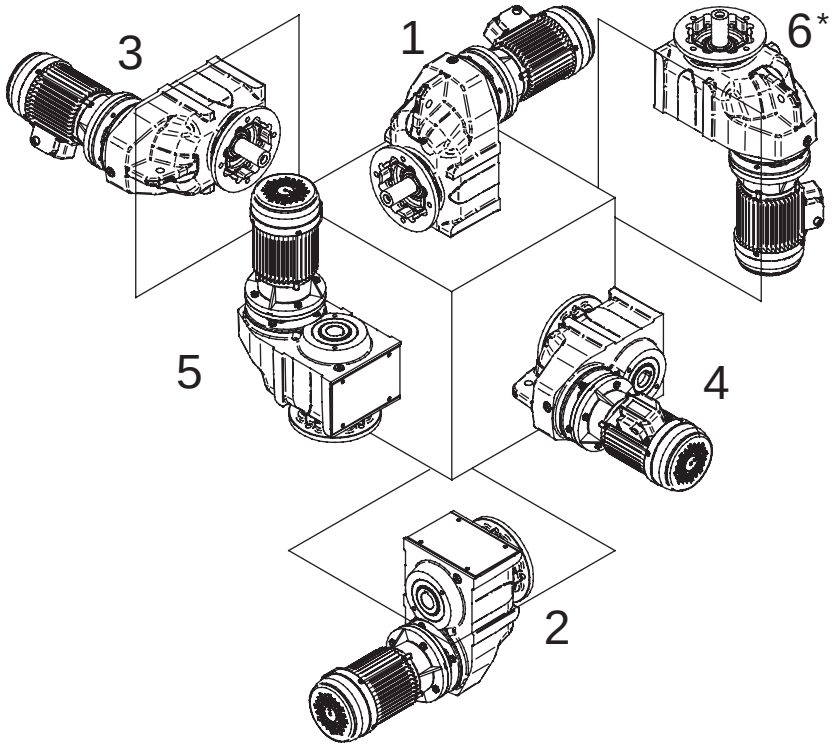
Column 11 Entry

C - Standard Unit with single extended metric outputshaft

H - Standard Unit with metric Hollow Bore & Keyway

Mounting Position

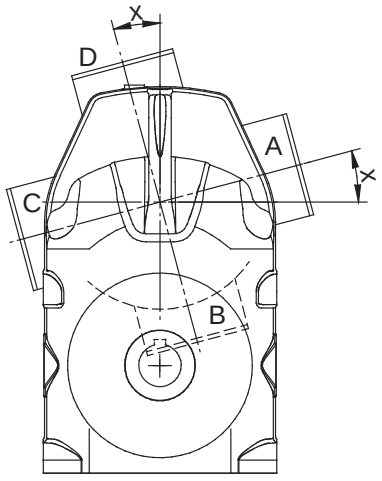
Column 13 Entry



* Mounting Position 6 is not recommended for geared motors - Consult Application Engineering

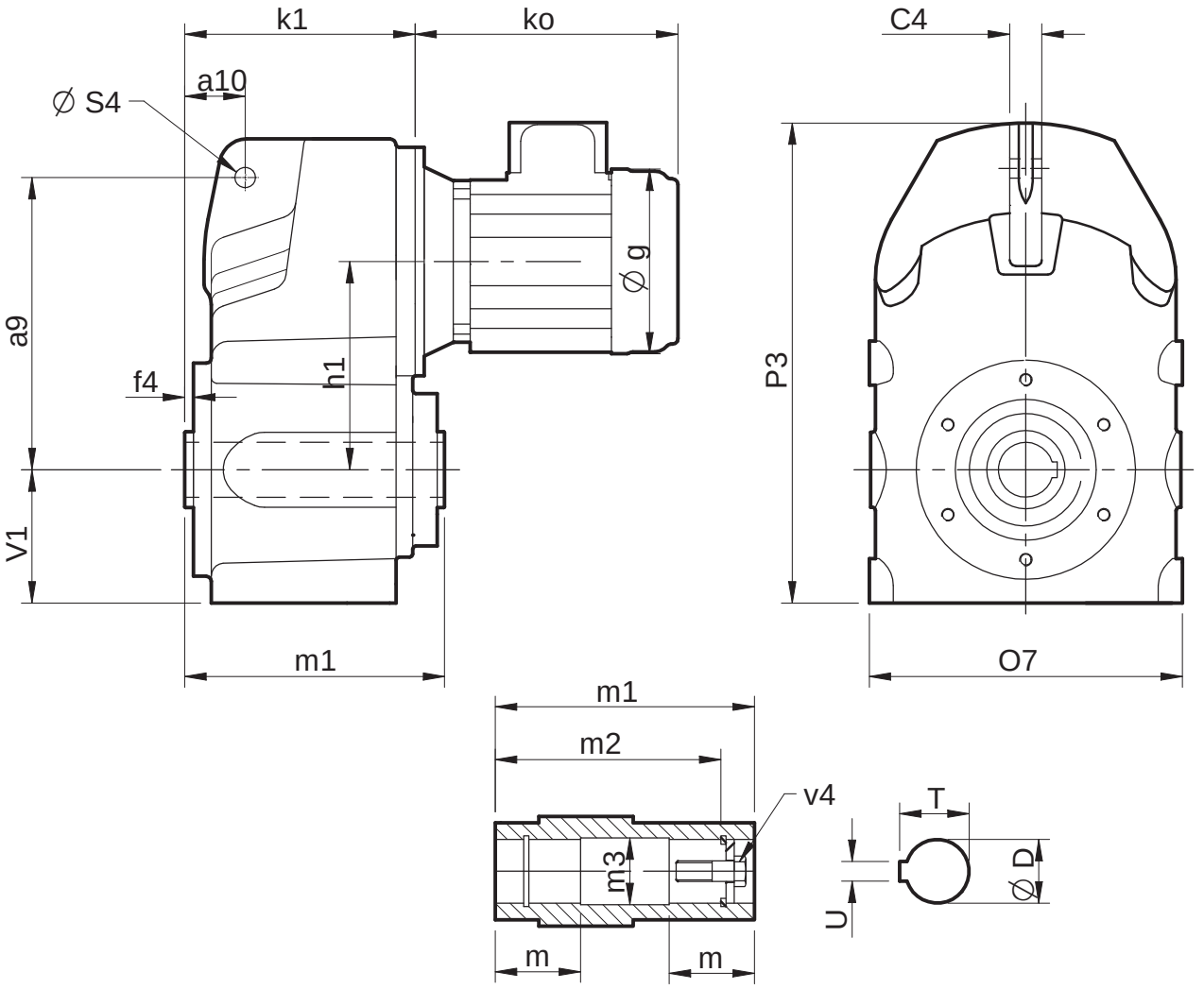
Terminal Box Position

Column 14 Entry



Column 14 Entry	Angle X						
	F02	F03	F04	F05	F06	F07	F08
A	15°	23°	23°	9.5°	16.5°	28°	n/a
B	105°	113°	113°	99.5°	106.5°	118°	n/a
C	195°	203°	203°	189.5°	196.5°	208°	n/a
D	285°	293°	293°	279.5°	286.5°	298°	270°

DIMENSIONS
SHAFT MOUNTED WITH COMPACT MOTOR

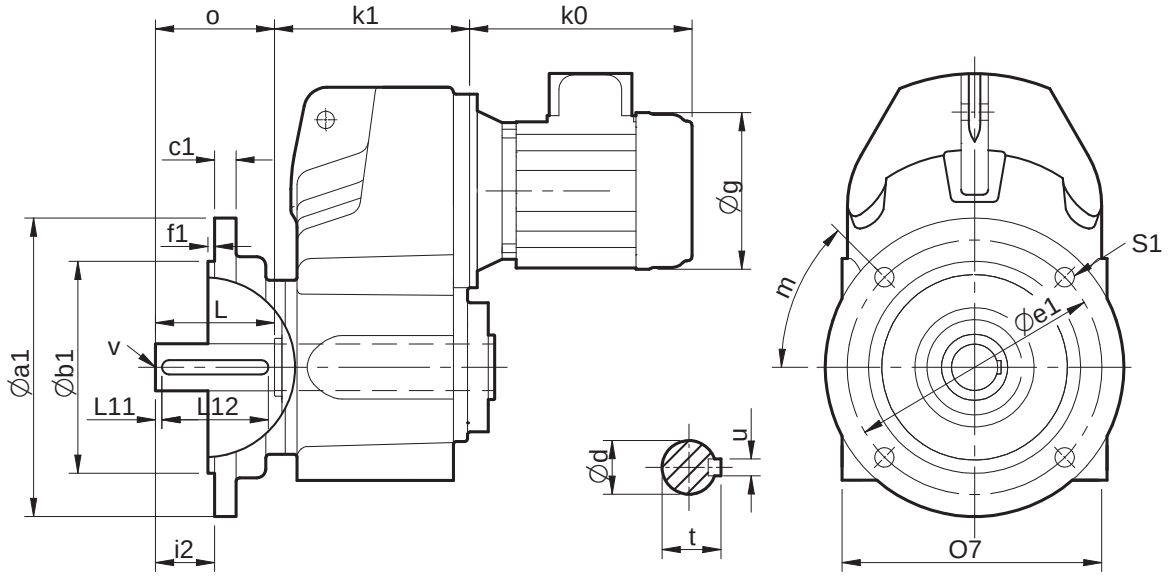


Size	a9	a10	C4	f4	h1	O7	P3	S4	V1	Hollow Output Bore					
										D	m1	m2	m3	T	U
F0222 & F0232	140	25	15	5	96	150	224	15	59	25	117.5	105	89	28.5	8
F0322 & F0332	158	32	16	5	121	171	273	15	76	30	156.5	122	105	33.5	8
F0422 & F0432	170	32	16	5	121	171	273	15	76	35	156.5	132	122	38.5	10
F0522 & F0532	198	41	16	5	144	206	318	15	80	40	179	174	142	43.5	12
F0622 & F0632	218	41	16	6	165	231	365	15	101	40	205	174	156	43.5	12
F0722 & F0732	278	50	20	7	200	282	442	24	127	50	233.5	198	183	54	14
F0822 & F0832	346	62	26	3	243	346	536	24	156	60	270	230	210	64.6	18

Double Reduction		F0222		F0322		F0422		F0522		F0622		F0722		F0822	
	g	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0
0.25 kW	140	120	230	141	230	141	230	-	-	-	-	-	-	-	-
0.37 kW	140	120	230	141	230	141	230	-	-	-	-	-	-	-	-
0.55 kW	158	120	280	141	280	141	280	177	265	188	265	-	-	-	-
0.75 kW	158	120	300	141	300	141	300	177	285	188	285	-	-	-	-
1.1 kW	180	120	330	141	330	141	330	177	325	188	325	222	300	-	-
1.5 kW	180	120	365	141	365	141	365	177	350	188	350	222	335	-	-
2.2 kW	198	-	-	-	-	-	-	177	355	188	355	222	340	258	335
3.0 kW	198	-	-	-	-	-	-	177	365	188	365	222	350	258	350
4.0 kW	222	-	-	-	-	-	-	177	425	188	425	222	410	258	400
5.5 kW	262	-	-	-	-	-	-	177	495	188	495	222	480	258	475
7.5 kW	262	-	-	-	-	-	-	-	-	-	-	222	480	258	475

Triple Reduction		F0232		F0332		F0432		F0532		F0632		F0732		F0832	
	g	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0
0.25 kW	140	135	230	154	230	154	230	185	230	196	230	-	-	-	-
0.37 kW	140	135	230	154	230	154	230	185	230	196	230	-	-	-	-
0.55 kW	158	135	280	154	280	154	280	185	280	196	280	238	265	-	-
0.75 kW	158	135	300	154	300	154	300	185	300	196	300	238	285	-	-
1.1 kW	180	135	330	154	330	154	330	185	330	196	330	238	325	288	300
1.5 kW	180	135	365	154	365	154	365	185	365	196	365	238	350	288	335
2.2 kW	198	-	-	-	-	-	-	-	-	-	-	238	355	288	340
3.0 kW	198	-	-	-	-	-	-	-	-	-	-	238	365	288	350
4.0 kW	222	-	-	-	-	-	-	-	-	-	-	238	425	288	410
5.5 kW	262	-	-	-	-	-	-	-	-	-	-	238	495	288	480
7.5 kW	262	-	-	-	-	-	-	-	-	-	-	-	-	288	480

DIMENSIONS
UNITS WITH OUTPUT SHAFT & FLANGE



Size	a1	b1	c1	C4	e1	f1	m	o	O7	P3	s1	Output Shaft							
												d	i2	L	L11	L12	t	u	v
F0222 & F0232	160	110 j6	10	15	130	3.5	45	-	150	224	4 x 9	-	-	-	-	-	-	-	-
F0322 & F0332	160	110 j6	10	16	130	3.5	45	50	171	273	4 x 9	25 k6	26	47	3	40	28	8	M10 x 22
F0422 & F0432	160	110 j6	10	16	130	3.5	45	60	171	273	4 x 9	30 k6	36	56	3	50	33	8	M12 x 28
F0522 & F0532	250	180 j6	16	16	215	4	45	70	206	318	4 x 14	35 k6	44	66	3	60	38	10	M16 x 36
F0622 & F0632	250	180 j6	18	16	215	4	45	81	231	365	4 x 14	40 k6	40	76	3	70	43	12	M16 x 36
F0722 & F0732	300	230 j6	18	20	265	4	45	101	282	442	4 x 14	50 k6	61	95	3	80	53.5	14	M16 x 36
F0822 & F0832	350	250 h6	18	26	300	5	45	120	346	536	4 x 18	60 k6	73	114	3	100	64	18	M20 x 42

Double Reduction	F0222		F0322		F0422		F0522		F0622		F0722		F0822	
	g	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0
0.25 kW	140	120	230	141	230	141	230	-	-	-	-	-	-	-	-
0.37 kW	140	120	230	141	230	141	230	-	-	-	-	-	-	-	-
0.55 kW	158	120	280	141	280	141	280	177	265	188	265	-	-	-	-
0.75 kW	158	120	300	141	300	141	300	177	285	188	285	-	-	-	-
1.1 kW	180	120	330	141	330	141	330	177	325	188	325	222	300	-	-
1.5 kW	180	120	365	141	365	141	365	177	350	188	350	222	335	-	-
2.2 kW	198	-	-	-	-	-	-	177	355	188	355	222	340	258	335
3.0 kW	198	-	-	-	-	-	-	177	365	188	365	222	350	258	350
4.0 kW	222	-	-	-	-	-	-	177	425	188	425	222	410	258	400
5.5 kW	262	-	-	-	-	-	-	177	495	188	495	222	480	258	475
7.5 kW	262	-	-	-	-	-	-	-	-	-	-	222	480	258	475

Triple Reduction	F0232		F0332		F0432		F0532		F0632		F0732		F0832	
	g	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0
0.25 kW	140	135	230	154	230	154	230	185	230	196	230	-	-	-	-
0.37 kW	140	135	230	154	230	154	230	185	230	196	230	-	-	-	-
0.55 kW	158	135	280	154	280	154	280	185	280	196	280	238	265	-	-
0.75 kW	158	135	300	154	300	154	300	185	300	196	300	238	285	-	-
1.1 kW	180	135	330	154	330	154	330	185	330	196	330	238	325	288	300
1.5 kW	180	135	365	154	365	154	365	185	365	196	365	238	350	288	335
2.2 kW	198	-	-	-	-	-	-	-	-	-	-	238	355	288	340
3.0 kW	198	-	-	-	-	-	-	-	-	-	-	238	365	288	350
4.0 kW	222	-	-	-	-	-	-	-	-	-	-	238	425	288	410
5.5 kW	262	-	-	-	-	-	-	-	-	-	-	238	495	288	480
7.5 kW	262	-	-	-	-	-	-	-	-	-	-	-	-	288	480

0.25 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
232	5.90	10	6.10	1404	F 0 2 2 2 6 . 3 _ D _ - _ _ . 2 5 A - -	19.2	71
172	7.97	13	5.30	1566	7 . 1		
151	9.07	15	4.96	1642	9 . 0		
133	10.27	17	4.63	1720	1 0 .		
104	13.14	22	4.00	1882	1 2 .		
97	14.16	24	3.83	1930	1 4 .		
77	17.88	30	3.30	2100	1 6 .		
68	20.27	34	3.02	2197	2 0 .		
59	23.16	39	2.75	2314	2 2 .		
53	25.77	44	2.56	2406	2 5 .		
48	28.41	48	2.43	2495	2 8 .		
44	31.26	53	2.30	2576	3 2 .		
37	36.63	63	2.06	2744	3 6 .		
31	43.94	75	1.73	2927	4 0 .		
27	51.22	86	1.50	3078	5 0 .		
25	56.91	94	1.37	3184	5 6 .		
20	68.54	113	1.14	3408	6 3 .		
18	78.56	130	0.99	3582	7 1 .		
16	89.28	148	0.87	3753	9 0 .		
22	62.29	104	3.48	7100	F 0 3 2 2 6 3 . _ D _ - _ _ . 2 5 A - -	26.2	71
19	72.41	121	2.59	7100	7 1 .		
17	82.18	137	2.05	7100	9 0 .		
15	93.43	156	1.61	7100	1 0 0		
14	99.52	164	2.22	7100	F 0 3 3 2 1 0 0 _ D _ - _ _ . 2 5 A - -	27.2	71
12	109.72	182	2.08	7100	1 1 2		
11	120.75	200	1.98	7100	1 2 5		
10	141.47	235	1.76	7100	1 6 0		
8.1	169.72	281	1.51	7100	1 8 0		
6.9	197.84	327	1.33	7100	2 0 0		
6.2	219.82	363	1.21	7100	2 2 5		
5.2	264.71	438	1.01	7100	2 8 0		
4.5	303.42	501	0.86	7100	3 1 5		
22	62.29	104	3.48	7100	F 0 4 2 2 6 3 . _ D _ - _ _ . 2 5 A - -	27.2	71
19	72.41	121	2.59	7100	7 1 .		
17	82.18	137	2.05	7100	9 0 .		
15	93.43	156	1.61	7100	1 0 0		
14	99.52	164	2.22	7100	F 0 4 3 2 1 0 0 _ D _ - _ _ . 2 5 A - -	28.2	71
12	109.72	182	2.08	7100	1 1 2		
11	120.75	200	1.98	7100	1 2 5		
10	141.47	235	1.76	7100	1 6 0		
8.1	169.72	281	1.51	7100	1 8 0		
6.9	197.84	327	1.33	7100	2 0 0		
6.2	219.82	363	1.21	7100	2 2 5		
5.2	264.71	438	1.01	7100	2 8 0		
4.5	303.42	501	0.86	7100	3 1 5		
16	86.82	144	3.59	9200	F 0 5 3 2 9 0 . _ D _ - _ _ . 2 5 A - -	36	71
14	99.86	166	3.29	9200	1 0 0		
13	108.57	180	3.13	9200	1 1 2		
11	130.34	216	2.81	9200	1 2 5		
8.8	156.40	259	2.51	9200	1 6 0		
7.8	176.23	292	2.34	9200	1 8 0		
6.7	204.87	339	2.14	9200	2 0 0		
5.9	232.53	385	1.90	9200	2 2 5		
5.2	264.35	437	1.49	9200	2 8 0		
12	111.62	186	3.59	11300	F 0 6 3 2 1 1 2 _ D _ - _ _ . 2 5 A - -	50	71
11	128.39	213	3.29	11300	1 2 5		
10	139.58	232	3.13	11300	1 6 0		
8.2	167.56	278	2.81	11300	1 8 0		
6.8	201.07	334	2.51	11300	2 0 0		
6.0	226.56	375	2.34	11300	2 2 5		
5.2	263.38	437	2.11	11300	2 8 0		
4.6	298.94	495	1.90	11300	3 1 5		
4.0	339.84	563	1.49	11300	3 6 0		

0.37 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
241	5.90	14	3.65	2080	F 0 2 2 2 6 . 3 _ D _ - _ _ . 3 7 A - -	19.7	71
178	7.97	19	2.70	2258	7 . 1		
157	9.07	22	3.49	2327	9 . 0		
138	10.27	25	3.25	2403	1 0 .		
108	13.14	32	2.81	2554	1 2 .		
100	14.16	34	2.67	2594	1 4 .		
79	17.88	43	2.29	2730	1 6 .		
70	20.27	49	2.10	2793	2 0 .		
61	23.16	56	1.92	2865	2 2 .		
55	25.77	62	1.80	2914	2 5 .		
48	28.41	71	1.64	2495	2 8 .		
44	31.26	78	1.55	2576	3 2 .		
37	36.63	93	1.39	2744	3 6 .		
31	43.94	111	1.17	2927	4 0 .		
27	51.22	127	1.02	3078	5 0 .		
25	56.91	139	0.93	3184	5 6 .		
31	46.07	110	3.55	6690	F 0 3 2 2 5 0 . _ D _ - _ _ . 3 7 A - -	26.7	71
26	55.28	132	2.91	6981	5 6 .		
23	62.29	149	2.44	7100	6 3 .		
20	72.41	173	1.81	7100	7 1 .		
17	82.18	196	1.44	7100	9 0 .		
15	93.43	222	1.13	7100	1 0 0		
14	99.52	235	1.55	7100	F 0 3 3 2 1 0 0 _ D _ - _ _ . 3 7 A - -	27.7	71
13	109.72	260	1.46	7100	1 1 2		
12	120.75	286	1.39	7100	1 2 5		
10	141.47	335	1.23	7100	1 6 0		
8.4	169.72	401	1.06	7100	1 8 0		
7.2	197.84	467	0.93	7100	2 0 0		
6.5	219.82	519	0.85	7100	2 2 5		
31	46.07	110	3.55	6690	F 0 4 2 2 5 0 . _ D _ - _ _ . 3 7 A - -	27.7	71
26	55.28	132	2.91	6981	5 6 .		
23	62.29	149	2.44	7100	6 3 .		
20	72.41	173	1.81	7100	7 1 .		
17	82.18	196	1.44	7100	9 0 .		
15	93.43	222	1.13	7100	1 0 0		
14	99.52	235	1.55	7100	F 0 4 3 2 1 0 0 _ D _ - _ _ . 3 7 A - -	28.7	71
13	109.72	260	1.46	7100	1 1 2		
12	120.75	286	1.39	7100	1 2 5		
10	141.47	335	1.23	7100	1 6 0		
8.4	169.72	401	1.06	7100	1 8 0		
7.2	197.84	467	0.93	7100	2 0 0		
6.5	219.82	519	0.85	7100	2 2 5		
18	78.84	187	2.83	9200	F 0 5 3 2 8 0 . _ D _ - _ _ . 3 7 A - -	36.5	71
16	86.82	206	2.51	9200	9 0 .		
14	99.86	237	2.31	9200	1 0 0		
13	108.57	257	2.19	9200	1 1 2		
11	130.34	309	1.97	9200	1 2 5		
9.1	156.40	370	1.75	9200	1 6 0		
8.1	176.23	416	1.64	9200	1 8 0		
6.9	204.87	485	1.50	9200	2 0 0		
6.1	232.53	550	1.33	9200	2 2 5		
5.4	264.35	624	1.04	9200	2 8 0		
14	101.36	240	2.83	11300	F 0 6 3 2 1 0 0 _ D _ - _ _ . 3 7 A - -	50.5	71
13	111.62	265	2.51	11300	1 1 2		
11	128.39	305	2.31	11300	1 2 5		
10	139.58	332	2.19	11300	1 6 0		
8.5	167.56	398	1.97	11300	1 8 0		
7.1	201.07	476	1.75	11300	2 0 0		
6.3	226.56	536	1.64	11300	2 2 5		
5.4	263.38	624	1.48	11300	2 8 0		
4.8	298.94	708	1.33	11300	3 1 5		
4.2	339.84	804	1.04	11300	3 6 0		

0.55 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
235	5.90	22	2.81	1397	F 0 2 2 2 6 . 3 _ D _ - _ _ . 5 5 A - -	23.7	80
174	7.97	29	2.44	1559	7 . 1		
153	9.07	33	2.29	1634	9 . 0		
135	10.27	38	2.14	1711	1 0 .		
106	13.14	48	1.85	1868	1 2 .		
98	14.16	52	1.76	1923	1 4 .		
79	17.88	64	1.54	2080	1 6 .		
70	20.27	73	1.42	2174	2 0 .		
61	23.16	84	1.29	2286	2 2 .		
55	25.77	93	1.21	2374	2 5 .		
48	28.41	106	1.10	2495	2 8 .		
44	31.26	116	1.04	2576	3 2 .		
37	36.63	138	0.94	2744	3 6 .		
50	27.86	101	3.68	5614	F 0 3 2 2 2 8 . _ D _ - _ _ . 5 5 A - -	30.7	80
45	30.68	112	3.33	5738	3 2 .		
39	35.30	128	3.03	5912	3 6 .		
36	38.37	140	2.65	6014	4 0 .		
30	46.07	167	2.34	6229	5 0 .		
25	55.28	201	1.92	6428	5 6 .		
22	62.29	226	1.60	6552	6 3 .		
19	72.41	262	1.19	6673	7 1 .		
17	82.18	299	0.95	6765	9 0 .		
14	99.52	357	1.02	6874	F 0 3 3 2 1 0 0 _ D _ - _ _ . 5 5 A - -	31.7	80
13	109.72	395	0.96	6890	1 1 2		
12	120.75	434	0.92	6890	1 2 5		
10	141.47	509	0.81	6540	1 6 0		
50	27.86	101	3.68	5614	F 0 4 2 2 2 8 . _ D _ - _ _ . 5 5 A - -	31.7	80
45	30.68	112	3.33	5738	3 2 .		
39	35.30	128	3.03	5912	3 6 .		
36	38.37	140	2.65	6014	4 0 .		
30	46.07	167	2.34	6229	5 0 .		
25	55.28	201	1.92	6428	5 6 .		
22	62.29	226	1.60	6552	6 3 .		
19	72.41	262	1.19	6673	7 1 .		
17	82.18	299	0.95	6765	9 0 .		
14	99.52	357	1.02	6874	F 0 4 3 2 1 0 0 _ D _ - _ _ . 5 5 A - -	32.7	80
13	109.72	395	0.96	6890	1 1 2		
12	120.75	434	0.92	6890	1 2 5		
10	141.47	509	0.81	6540	1 6 0		
24	58.34	211	2.56	8858	F 0 5 2 2 5 6 . _ D _ - _ _ . 5 5 A - -	39	80
21	65.02	235	2.04	9053	6 3 .		
19	72.92	264	1.38	9200	7 1 .		
18	78.84	284	1.86	9200	F 0 5 3 2 8 0 . _ D _ - _ _ . 5 5 A - -	40	80
16	86.82	313	1.66	9200	9 0 .		
14	99.86	360	1.52	9200	1 0 0		
13	108.57	391	1.44	9200	1 1 2		
11	130.34	469	1.30	9200	1 2 5		
8.9	156.40	562	1.16	9200	1 6 0		
7.9	176.23	633	1.08	9200	1 8 0		
6.8	204.87	736	0.99	9200	2 0 0		
6.0	232.53	835	0.87	9200	2 2 5		
19	75.00	272	2.56	11300	F 0 6 2 2 7 1 . _ D _ - _ _ . 5 5 A - -	53	80
17	83.59	303	2.04	11300	9 0 .		
15	93.75	340	1.38	11300	1 0 0		
14	101.36	365	1.86	11300	F 0 6 3 2 1 0 0 _ D _ - _ _ . 5 5 A - -	54	80
12	111.62	403	1.66	11300	1 1 2		
11	128.39	463	1.52	11300	1 2 5		
10	139.58	504	1.44	11300	1 6 0		
8.3	167.56	604	1.30	11300	1 8 0		
6.9	201.07	724	1.16	11300	2 0 0		
6.1	226.56	815	1.08	11300	2 2 5		
5.3	263.38	949	0.97	11300	2 8 0		
4.6	298.94	1075	0.87	11300	3 1 5		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
0.55 kW 4 POLE							
13	108.56	390	3.17	17000	F 0 7 3 2 1 0 0 _ D _ - _ _ . 5 5 A - -	81	80
12	115.70	418	2.84	17000	1 1 2		
10	137.12	495	2.56	17000	1 2 5		
9.5	146.40	528	2.46	17000	1 6 0		
7.7	181.67	657	2.16	17000	1 8 0		
6.5	214.23	773	1.95	17000	2 0 0		
5.9	234.58	849	1.85	17000	2 2 5		
4.8	287.49	1035	1.64	17000	2 8 0		
4.3	320.43	1153	1.57	17000	3 1 5		
0.75 kW 4 POLE							
239	5.90	29	2.09	1389	F 0 2 2 2 6 . 3 _ D _ - _ _ . 7 5 A - -	24.7	80
177	7.97	39	1.82	1550	7 . 1		
155	9.07	45	1.70	1626	9 . 0		
137	10.27	51	1.59	1701	1 0 .		
107	13.14	65	1.37	1862	1 2 .		
98	14.16	71	1.29	1923	1 4 .		
79	17.88	88	1.13	2080	1 6 .		
70	20.27	99	1.04	2174	2 0 .		
61	23.16	114	0.95	2286	2 2 .		
55	25.77	126	0.89	2374	2 5 .		
48	28.41	145	0.81	2495	2 8 .		
72	19.46	95	3.72	4921	F 0 3 2 2 2 0 . _ D _ - _ _ . 7 5 A - -	31.7	80
65	21.59	106	3.41	5037	2 2 .		
57	24.53	120	3.06	5165	2 5 .		
51	27.86	137	2.74	5302	2 8 .		
46	30.68	151	2.48	5394	3 2 .		
40	35.30	173	2.26	5518	3 6 .		
37	38.37	188	1.97	5586	4 0 .		
31	46.07	225	1.74	5718	5 0 .		
26	55.28	271	1.43	5814	5 6 .		
23	62.29	304	1.19	5860	6 3 .		
19	72.41	353	0.89	5870	7 1 .		
72	19.46	95	3.72	4921	F 0 4 2 2 2 0 . _ D _ - _ _ . 7 5 A - -	32.7	80
65	21.59	106	3.41	5037	2 2 .		
57	24.53	120	3.06	5165	2 5 .		
51	27.86	137	2.74	5302	2 8 .		
46	30.68	151	2.48	5394	3 2 .		
40	35.30	173	2.26	5518	3 6 .		
37	38.37	188	1.97	5586	4 0 .		
31	46.07	225	1.74	5718	5 0 .		
26	55.28	271	1.43	5814	5 6 .		
23	62.29	304	1.19	5860	6 3 .		
19	72.41	353	0.89	5870	7 1 .		
38	36.87	181	3.79	7590	F 0 5 2 2 3 6 . _ D _ - _ _ . 7 5 A - -	40	80
32	43.47	213	3.29	7840	4 0 .		
30	47.60	233	3.05	7969	5 0 .		
24	58.34	284	1.91	8233	5 6 .		
22	65.02	316	1.52	8358	6 3 .		
19	72.92	355	1.02	8464	7 1 .		
18	78.84	382	1.39	8558	F 0 5 3 2 8 0 . _ D _ - _ _ . 7 5 A - -	41	80
16	86.82	421	1.23	8611	9 0 .		
14	99.86	484	1.13	8670	1 0 0		
13	108.57	526	1.07	8700	1 1 2		
11	130.34	631	0.96	9200	1 2 5		
9.0	156.40	756	0.86	9200	1 6 0		
8.0	176.23	851	0.80	9200	1 8 0		
30	47.40	233	3.82	11300	F 0 6 2 2 5 0 . _ D _ - _ _ . 7 5 A - -	54	80
25	55.89	275	3.24	11300	5 6 .		
23	61.20	300	2.97	11300	6 3 .		
19	75.00	366	1.91	11300	7 1 .		
17	83.59	408	1.52	11300	9 0 .		
15	93.75	457	1.02	11300	1 0 0		
14	101.36	491	1.39	11300	F 0 6 3 2 1 0 0 _ D _ - _ _ . 7 5 A - -	55	80
13	111.62	542	1.23	11300	1 1 2		
11	128.39	623	1.13	11300	1 2 5		
10	139.58	678	1.07	11300	1 6 0		
8.4	167.56	812	0.96	11300	1 8 0		
7.0	201.07	973	0.86	11300	2 0 0		
6.2	226.56	1095	0.80	11300	2 2 5		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
0.75 kW 4 POLE							
13	108.56	525	2.36	17000	F 0 7 3 2 1 0 0 _ D _ - _ _ . 7 5 A - -	82	80
12	115.70	563	2.11	17000	1 1 2		
10	137.12	666	1.91	17000	1 2 5		
10	146.40	711	1.83	17000	1 6 0		
7.8	181.67	883	1.61	17000	1 8 0		
6.6	214.23	1039	1.45	17000	2 0 0		
6.0	234.58	1142	1.37	17000	2 2 5		
4.9	287.49	1391	1.22	17000	2 8 0		
4.4	320.43	1551	1.17	17000	3 1 5		
3.9	359.36	1737	1.02	17000	3 6 0		
1.1 kW 4 POLE							
239	5.90	43	1.43	1389	F 0 2 2 2 6 . 3 _ D _ - _ _ 1 . 1 A - -	28.7	90S
177	7.97	58	1.24	1550	7 . 1		
155	9.07	66	1.16	1626	9 . 0		
137	10.27	74	1.08	1701	1 0 .		
107	13.14	95	0.94	1862	1 2 .		
98	14.16	104	0.88	1923	1 4 .		
101	13.96	100	3.34	4279	F 0 3 2 2 1 4 . _ D _ - _ _ 1 . 1 A - -	35.5	90S
89	15.86	114	3.01	4382	1 6 .		
72	19.46	140	2.54	4539	2 0 .		
65	21.59	155	2.32	4613	2 2 .		
57	24.53	177	2.09	4685	2 5 .		
101	13.96	100	3.34	4279	F 0 4 2 2 1 4 . _ D _ - _ _ 1 . 1 A - -	36.5	90S
89	15.86	114	3.01	4382	1 6 .		
72	19.46	140	2.54	4539	2 0 .		
65	21.59	155	2.32	4613	2 2 .		
57	24.53	177	2.09	4685	2 5 .		
60	23.48	169	3.80	6420	F 0 5 2 2 2 5 . _ D _ - _ _ 1 . 1 A - -	44	90S
51	27.83	200	3.29	6624	2 8 .		
47	29.71	214	3.11	6690	3 2 .		
38	36.87	266	2.58	6896	3 6 .		
32	43.47	313	2.25	7023	4 0 .		
30	47.60	342	2.08	7075	5 0 .		
24	58.34	417	1.30	7141	5 6 .		
22	65.02	464	1.03	7141	6 3 .		
39	35.77	258	3.43	11300	F 0 6 2 2 3 6 . _ D _ - _ _ 1 . 1 A - -	58	90S
37	38.19	275	3.23	11300	4 0 .		
30	47.40	342	2.61	11300	5 0 .		
25	55.89	403	2.21	11300	5 6 .		
23	61.20	440	2.02	11300	6 3 .		
19	75.00	537	1.30	11300	7 1 .		
17	83.59	598	1.03	11300	9 0 .		
24	59.14	426	3.85	17000	F 0 7 2 2 5 6 . _ D _ - _ _ 1 . 1 A - -	79	90S
22	64.77	467	3.55	17000	6 3 .		
18	77.72	556	2.86	17000	7 1 .		
16	89.42	644	1.97	17000	9 0 .		
14	99.36	711	1.55	17000	1 0 0		
13	108.56	770	1.61	17000	F 0 7 3 2 1 0 0 _ D _ - _ _ 1 . 1 A - -	86	90S
12	115.70	825	1.44	17000	1 1 2		
10	137.12	977	1.30	17000	1 2 5		
10	146.40	1042	1.25	17000	1 6 0		
7.8	181.67	1295	1.10	17000	1 8 0		
6.6	214.23	1525	0.99	17000	2 0 0		
6.0	234.58	1675	0.94	17000	2 2 5		
4.9	287.49	2041	0.83	17000	2 8 0		
11	124.92	889	3.81	19700	F 0 8 3 2 1 1 2 _ D _ - _ _ 1 . 1 A - -	129	90S
10	141.33	1006	3.37	19700	1 2 5		
8.8	159.53	1134	2.99	19700	1 6 0		
7.3	193.39	1374	2.47	19700	1 8 0		
6.3	225.53	1597	2.12	19700	2 0 0		
5.7	247.74	1759	1.93	19700	2 2 5		
4.6	303.60	2161	1.58	19700	2 8 0		
4.3	331.53	2357	1.47	19700	3 1 5		
3.7	381.76	2705	1.31	19700	3 6 0		

1.5 kW

4 POLE

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
241	5.90	58	1.06	1384	F 0 2 2 2 6 . 3 _ D _ - _ _ 1 . 5 A - -	30.5	90L
177	7.97	79	0.91	1550	7 . 1		
155	9.07	90	0.85	1626	9 . 0		
137	10.27	101	0.80	1701	1 0 .		
162	8.78	85	3.66	3663	F 0 3 2 2 9 . 0 _ D _ - _ _ 1 . 5 A - -	37.5	90L
147	9.68	94	3.37	3734	1 0 .		
129	10.99	107	3.04	3823	1 2 .		
102	13.96	136	2.47	3966	1 4 .		
90	15.86	154	2.23	4028	1 6 .		
73	19.46	190	1.87	4103	2 0 .		
66	21.59	210	1.72	4129	2 2 .		
58	24.53	240	1.54	4137	2 5 .		
162	8.78	85	3.66	3663	F 0 4 2 2 9 . 0 _ D _ - _ _ 1 . 5 A - -	38.5	90L
147	9.68	94	3.37	3734	1 0 .		
129	10.99	107	3.04	3823	1 2 .		
102	13.96	136	2.47	3966	1 4 .		
90	15.86	154	2.23	4028	1 6 .		
73	19.46	190	1.87	4103	2 0 .		
66	21.59	210	1.72	4129	2 2 .		
58	24.53	240	1.54	4137	2 5 .		
84	16.93	165	3.47	5640	F 0 5 2 2 1 6 . _ D _ - _ _ 1 . 5 A - -	46	90L
72	19.69	192	3.26	5780	2 0 .		
64	22.03	215	2.97	5874	2 2 .		
60	23.48	229	2.81	5913	2 5 .		
51	27.83	271	2.43	6024	2 8 .		
48	29.71	290	2.30	6050	3 2 .		
39	36.87	360	1.91	6103	3 6 .		
33	43.47	423	1.66	6090	4 0 .		
30	47.60	464	1.53	6053	5 0 .		
24	58.34	565	0.96	5892	5 6 .		
65	21.76	213	3.47	11300	F 0 6 2 2 2 2 . _ D _ - _ _ 1 . 5 A - -	60	90L
56	25.31	248	3.37	11300	2 5 .		
50	28.32	277	3.17	11300	2 8 .		
47	30.18	296	3.01	11300	3 2 .		
40	35.77	350	2.53	11300	3 6 .		
37	38.19	373	2.38	11300	4 0 .		
30	47.40	463	1.93	11300	5 0 .		
25	55.89	546	1.63	11300	5 6 .		
23	61.20	596	1.50	11300	6 3 .		
19	75.00	728	0.96	11300	7 1 .		
33	42.77	419	3.70	17000	F 0 7 2 2 4 0 . _ D _ - _ _ 1 . 5 A - -	81	90L
29	49.59	483	3.27	17000	5 0 .		
24	59.14	577	2.84	17000	5 6 .		
22	64.77	632	2.62	17000	6 3 .		
18	77.72	753	2.11	17000	7 1 .		
16	89.42	872	1.46	17000	9 0 .		
14	99.36	962	1.14	17000	1 0 0		
13	108.56	1043	1.19	17000	F 0 7 3 2 1 0 0 _ D _ - _ _ 1 . 5 A - -	88	90L
12	115.70	1118	1.06	17000	1 1 2		
10	137.12	1323	0.96	17000	1 2 5		
10	146.40	1412	0.92	17000	1 6 0		
7.8	181.67	1754	0.81	17000	1 8 0		
12	114.15	1100	3.08	19700	F 0 8 3 2 1 0 0 _ D _ - _ _ 1 . 5 A - -	130	90L
11	124.92	1204	2.81	19700	1 1 2		
10	141.33	1362	2.49	19700	1 2 5		
8.9	159.53	1536	2.21	19700	1 6 0		
7.3	193.39	1861	1.82	19700	1 8 0		
6.3	225.53	2163	1.57	19700	2 0 0		
5.7	247.74	2381	1.42	19700	2 5 0		
4.7	303.60	2926	1.17	19700	2 8 0		
4.3	331.53	3192	1.08	19700	3 1 5		
3.7	381.76	3663	0.97	19700	3 6 0		

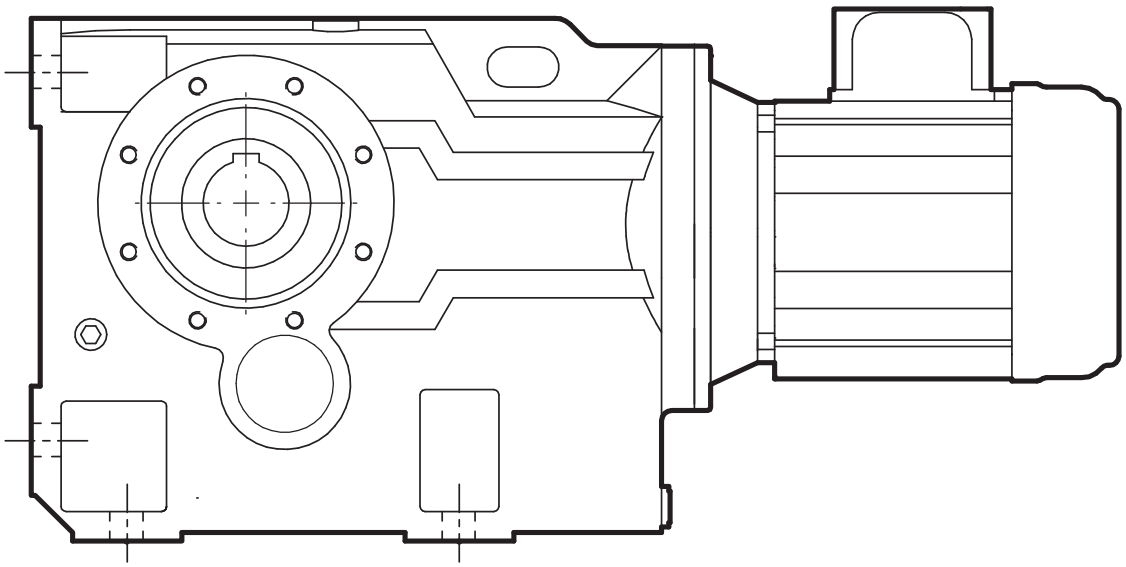
N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
2.2 kW 4 POLE							
132	10.87	155	3.74	4760	F 0 5 2 2 1 0 . _ D _ - _ _ 2 . 2 A - -	54	100L
116	12.33	176	3.36	4840	1 2 .		
97	14.70	209	2.89	4941	1 4 .		
84	16.93	241	2.38	4999	1 6 .		
73	19.69	280	2.24	5035	2 0 .		
65	22.03	313	2.04	5042	2 2 .		
61	23.48	334	1.93	5026	2 5 .		
51	27.83	395	1.67	4973	2 8 .		
48	29.71	422	1.58	4929	3 2 .		
39	36.87	524	1.31	4715	3 6 .		
33	43.47	617	1.14	4456	4 0 .		
30	47.60	675	1.05	4265	5 0 .		
102	13.98	199	3.65	11300	F 0 6 2 2 1 4 . _ D _ - _ _ 2 . 2 A - -	68	100L
90	15.85	226	3.42	11300	1 6 .		
76	18.90	270	3.10	11300	2 0 .		
66	21.76	311	2.38	11300	2 2 .		
56	25.31	361	2.31	11300	2 5 .		
50	28.32	403	2.18	11300	2 8 .		
47	30.18	431	2.07	11300	3 2 .		
40	35.77	509	1.74	11300	3 6 .		
37	38.19	543	1.64	11300	4 0 .		
30	47.40	674	1.32	11300	5 0 .		
26	55.89	795	1.12	11300	5 6 .		
23	61.20	868	1.03	11300	6 3 .		
54	26.41	375	3.70	17000	F 0 7 2 2 2 5 . _ D _ - _ _ 2 . 2 A - -	89	100L
48	29.95	425	3.43	17000	2 8 .		
43	33.03	471	3.12	17000	3 2 .		
38	37.83	540	2.83	17000	3 6 .		
33	42.77	610	2.54	17000	4 0 .		
29	49.59	703	2.25	17000	5 0 .		
24	59.14	841	1.95	17000	5 6 .		
22	64.77	921	1.80	17000	6 3 .		
18	77.72	1098	1.45	17000	7 1 .		
16	89.42	1270	1.00	17000	9 0 .		
13	108.56	1519	0.82	17000	F 0 7 3 2 1 0 0 _ D _ - _ _ 2 . 2 A - -	96	100L
27	53.49	759	3.53	19700	F 0 8 2 2 5 0 . _ D _ - _ _ 2 . 2 A - -	132	100L
23	62.38	885	3.09	19700	5 6 .		
21	68.52	972	2.88	19700	6 3 .		
17	83.97	1194	2.40	19700	7 1 .		
16	91.70	1302	2.22	19700	9 0 .		
14	105.59	1489	1.81	19700	1 0 0		
13	114.15	1602	2.12	19700	F 0 8 3 2 1 0 0 _ M _ - _ _ 2 . 2 A - -	138	100L
11	124.92	1754	1.93	19700	1 1 2		
10	141.33	1984	1.71	19700	1 2 5		
9.0	159.53	2237	1.52	19700	1 6 0		
3.0 kW 4 POLE							
210	6.81	133	3.88	4070	F 0 5 2 2 6 . 3 _ D _ - _ _ 3 . 0 A - -	56	100L
187	7.63	148	3.65	4140	7 . 1		
167	8.56	166	3.35	4200	9 . 0		
132	10.87	211	2.74	4289	1 0 .		
116	12.33	240	2.46	4307	1 2 .		
97	14.70	285	2.12	4306	1 4 .		
84	16.93	329	1.75	4268	1 6 .		
73	19.69	382	1.64	4184	2 0 .		
65	22.03	427	1.50	4091	2 2 .		
61	23.48	456	1.41	4013	2 5 .		
51	27.83	539	1.22	3771	2 8 .		
48	29.71	576	1.16	3649	3 2 .		
39	36.87	715	0.96	3130	3 6 .		
33	43.47	841	0.83	2590	4 0 .		
230	6.22	120	3.88	11300	F 0 6 2 2 7 . 1 _ D _ - _ _ 3 . 0 A - -	70	100L
163	8.75	170	3.35	11300	9 . 0		
146	9.81	190	3.20	11300	1 0 .		
130	11.01	214	3.02	11300	1 2 .		
102	13.98	272	2.68	11300	1 4 .		
90	15.85	308	2.51	11300	1 6 .		
76	18.90	368	2.27	11300	2 0 .		
66	21.76	424	1.75	11300	2 2 .		
56	25.31	493	1.70	11300	2 5 .		
50	28.32	550	1.60	11300	2 8 .		
47	30.18	587	1.52	11300	3 2 .		
40	35.77	695	1.28	11300	3 6 .		
37	38.19	741	1.20	11300	4 0 .		
30	47.40	919	0.97	11300	5 0 .		
26	55.89	1085	0.82	11300	5 6 .		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
3.0 kW 4 POLE							
68	20.89	407	3.24	17000	F 0 7 2 2 2 0 . _ D _ - _ _ 3 . 0 A - -	91	100L
62	22.98	445	3.03	17000	2 2 .		
54	26.41	512	2.71	17000	2 5 .		
48	29.95	580	2.51	17000	2 8 .		
43	33.03	642	2.29	17000	3 2 .		
38	37.83	736	2.08	17000	3 6 .		
33	42.77	833	1.86	17000	4 0 .		
29	49.59	959	1.65	17000	5 0 .		
24	59.14	1146	1.43	17000	5 6 .		
22	64.77	1256	1.32	17000	6 3 .		
18	77.72	1497	1.06	17000	7 1 .		
41	34.55	673	3.68	19700	F 0 8 2 2 3 2 . _ D _ - _ _ 3 . 0 A - -	134	100L
37	39.09	759	3.39	19700	3 6 .		
32	44.13	858	3.06	19700	4 0 .		
27	53.49	1035	2.59	19700	5 0 .		
23	62.38	1207	2.27	19700	5 6 .		
21	68.52	1326	2.11	19700	6 3 .		
17	83.97	1628	1.76	19700	7 1 .		
16	91.70	1776	1.63	19700	9 0 .		
14	105.59	2030	1.32	19700	1 0 0		
13	114.15	2184	1.55	19700	F 0 8 3 2 1 0 0 _ D _ - _ _ 3 . 0 A - -	140	100L
11	124.92	2392	1.42	19700	1 1 2		
10	141.33	2706	1.25	19700	1 2 5		
4.0 kW 4 POLE							
296	4.84	124	3.17	3580	F 0 5 2 2 5 . 0 _ D _ - _ _ 4 . 0 A - -	65	112M
211	6.81	176	2.92	3702	6 . 3		
188	7.63	197	2.75	3727	7 . 1		
168	8.56	220	2.52	3736	9 . 0		
132	10.87	281	2.06	3701	1 0 .		
116	12.33	318	1.85	3641	1 2 .		
98	14.70	379	1.59	3512	1 4 .		
231	6.22	160	2.92	11300	F 0 6 2 2 7 . 1 _ D _ - _ _ 4 . 0 A - -	79	112M
164	8.75	227	2.52	11300	9 . 0		
146	9.81	253	2.40	11300	1 0 .		
130	11.01	285	2.28	11300	1 2 .		
103	13.98	362	2.02	11300	1 4 .		
91	15.85	410	1.89	11300	1 6 .		
76	18.90	489	1.71	11300	2 0 .		
69	20.89	541	2.44	17000	F 0 7 2 2 2 0 . _ D _ - _ _ 4 . 0 A - -	100	112M
62	22.98	591	2.28	17000	2 2 .		
54	26.41	680	2.04	17000	2 5 .		
48	29.95	771	1.89	17000	2 8 .		
43	33.03	853	1.72	17000	3 2 .		
38	37.83	978	1.56	17000	3 6 .		
34	42.77	1106	1.40	17000	4 0 .		
29	49.59	1274	1.24	17000	5 0 .		
24	59.14	1523	1.08	17000	5 6 .		
22	64.77	1669	0.99	17000	6 3 .		
45	31.57	814	3.02	19700	F 0 8 2 2 2 8 . _ D _ - _ _ 4 . 0 A - -	143	112M
42	34.55	894	2.77	19700	3 2 .		
37	39.09	1008	2.55	19700	3 6 .		
33	44.13	1140	2.31	19700	4 0 .		
27	53.49	1376	1.95	19700	5 0 .		
23	62.38	1605	1.71	19700	5 6 .		
21	68.52	1762	1.59	19700	6 3 .		
17	83.97	2164	1.33	19700	7 1 .		
16	91.70	2359	1.22	19700	9 0 .		
14	105.59	2697	1.00	19700	1 0 0		
13	114.15	2902	1.17	19700	F 0 8 3 2 1 0 0 _ D _ - _ _ 4 . 0 A - -	149	112M
11	124.92	3179	1.07	19700	1 1 2		
10	141.33	3596	0.94	19700	1 2 5		
9.0	159.53	4053	0.84	19700	1 6 0		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight	Motor Size
5.5 kW 4 POLE							
300	4.84	169	2.33	3186	F 0 5 2 2 5 . 0 _ D _ - _ _ 5 . 5 A - -	83	132S
213	6.81	240	2.15	3150	6 . 3		
190	7.63	268	2.02	3108	7 . 1		
169	8.56	300	1.85	3041	9 . 0		
133	10.87	382	1.52	2818	1 0 .		
118	12.33	433	1.36	2642	1 2 .		
99	14.70	516	1.17	2320	1 4 .		
233	6.22	218	2.15	11300	F 0 6 2 2 7 . 1 _ D _ - _ _ 5 . 5 A - -	97	132S
166	8.75	308	1.85	11300	9 . 0		
148	9.81	345	1.77	11300	1 0 .		
132	11.01	387	1.67	11300	1 2 .		
104	13.98	492	1.48	11300	1 4 .		
91	15.85	558	1.39	11300	1 6 .		
77	18.90	666	1.26	11300	2 0 .		
69	20.89	737	1.79	17000	F 0 7 2 2 2 0 . _ D _ - _ _ 5 . 5 A - -	118	132S
63	22.98	805	1.68	17000	2 2 .		
55	26.41	926	1.50	17000	2 5 .		
48	29.95	1049	1.39	17000	2 8 .		
44	33.03	1161	1.27	17000	3 2 .		
38	37.83	1331	1.15	17000	3 6 .		
34	42.77	1506	1.03	17000	4 0 .		
29	49.59	1734	0.91	17000	5 0 .		
46	31.57	1109	2.22	19700	F 0 8 2 2 2 8 . _ D _ - _ _ 5 . 5 A - -	161	132S
42	34.55	1217	2.04	19700	3 2 .		
37	39.09	1372	1.87	19700	3 6 .		
33	44.13	1552	1.69	19700	4 0 .		
27	53.49	1872	1.43	19700	5 0 .		
23	62.38	2184	1.25	19700	5 6 .		
21	68.52	2398	1.17	19700	6 3 .		
17	83.97	2944	0.97	19700	7 1 .		
16	91.70	3211	0.90	19700	9 0 .		
13	114.15	3950	0.86	19700	F 0 8 3 2 1 0 0 _ D _ - _ _ 5 . 5 A - -	167	132S
7.5 kW 4 POLE							
69	20.89	1005	1.31	17000	F 0 7 2 2 2 0 . _ M _ - _ _ 7 . 5 A - -	125	132M
63	22.98	1098	1.23	17000	2 2 .		
55	26.41	1263	1.10	17000	2 5 .		
48	29.95	1431	1.02	17000	2 8 .		
44	33.03	1584	0.93	17000	3 2 .		
38	37.83	1815	0.84	17000	3 6 .		
46	31.57	1512	1.63	19700	F 0 8 2 2 2 8 . _ M _ - _ _ 7 . 5 A - -	168	132M
42	34.55	1660	1.49	19700	3 2 .		
37	39.09	1871	1.37	19700	3 6 .		
33	44.13	2116	1.24	19700	4 0 .		
27	53.49	2554	1.05	19700	5 0 .		
23	62.38	2978	0.92	19700	5 6 .		
21	68.52	3271	0.86	19700	6 3 .		

NOTES

SERIES K
COMPACT GEARED MOTOR



UNIT VERSIONS & MOUNTING POSITIONS

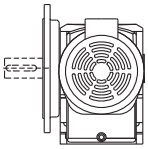
Unit Version

Column 9 Entry

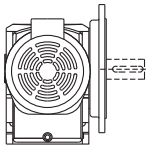
B - Standard Unit with Feet

Standard Unit With Output Flange

F Left



H Right



Standard Unit With Torque Bracket

T Left

Q Right

Output Shaft

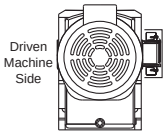
Column 11 Entry

Hollow Shaft

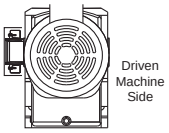
H Bore

Shrink Disc

Y Left



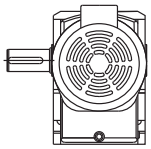
X Right



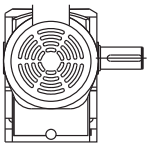
Note: non-standard handing, please contact Application Engineerin g

Single Output Shaft

C Left

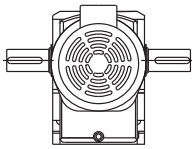


E Right



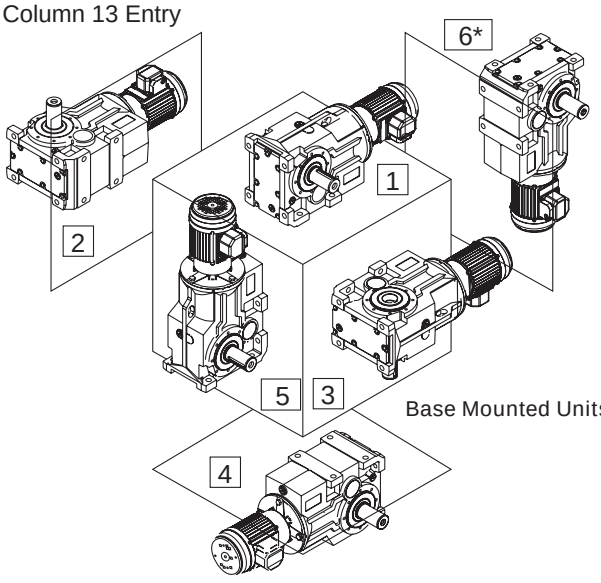
Double Extended Output Shaft

D

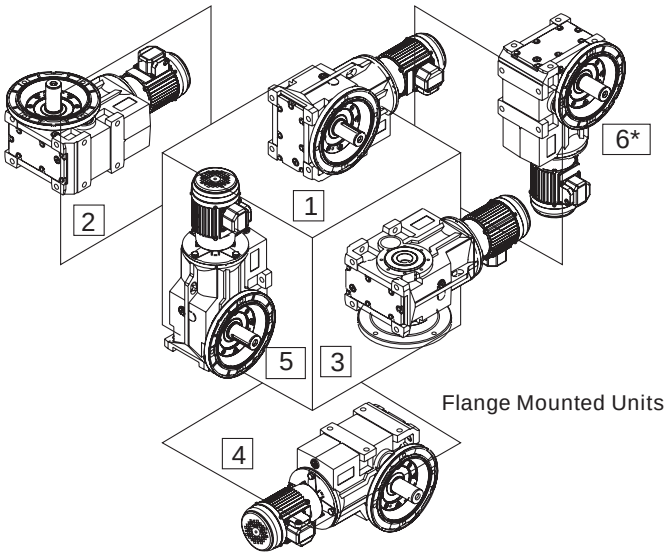


Mounting Position

Column 13 Entry



Base Mounted Units

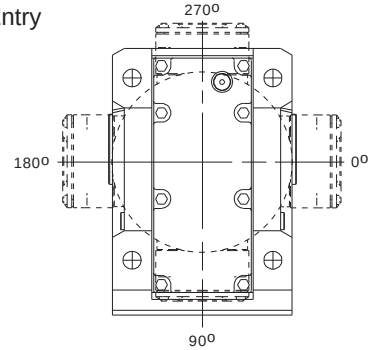


Flange Mounted Units

* Mounting Position 6 is not recommended for geared motors - Consult Application Engineering

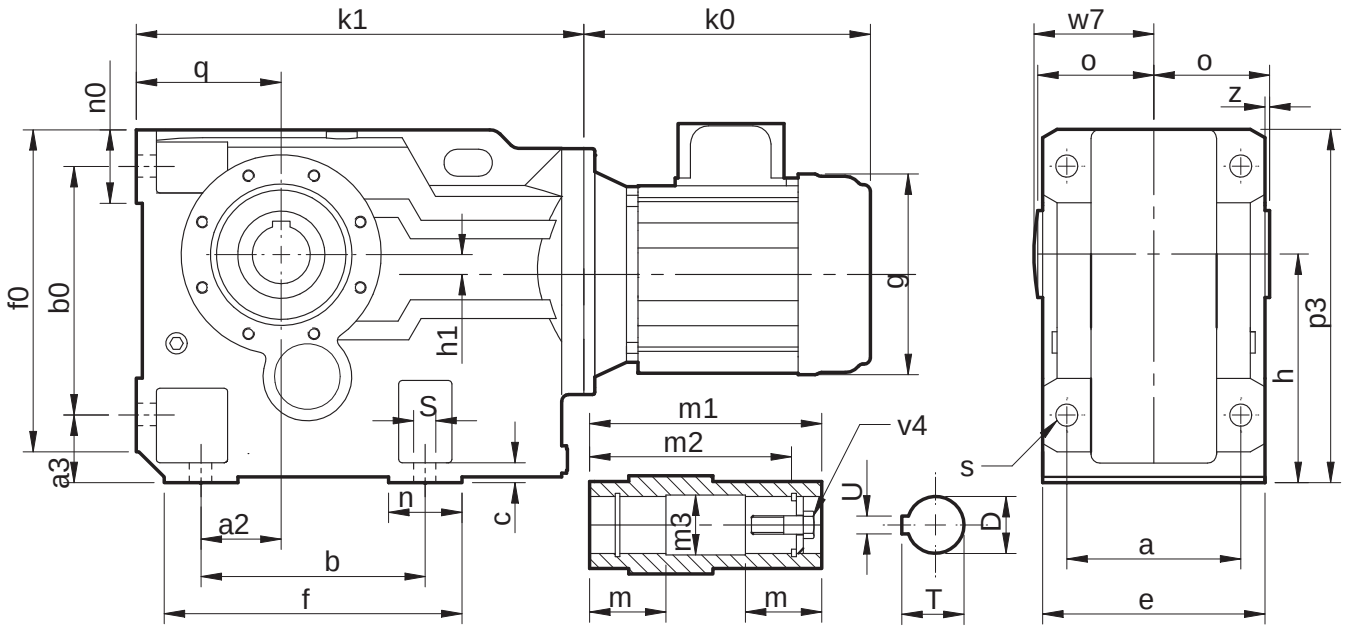
Terminal Box position

Column 14 Entry



Terminal Box Position	K03 to K07 Column 14 Entry	K08 Column 14 Entry
0°	A	n/a
90°	B	n/a
180°	C	n/a
270°	D	D

DIMENSIONS
BASE MOUNTED WITH COMPACT MOTOR

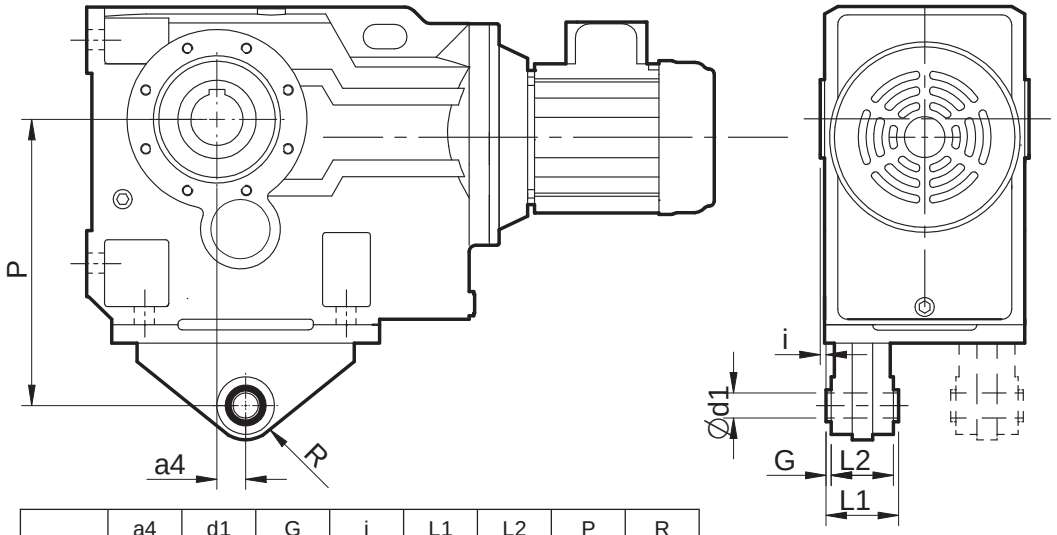


	a	a2	a3	b	b0	c	e	f	f0	h	h1	n	n0	o	p3	q	s	w7	z
K0332	100	28	32	110	115	11	120	143	152	100	16	38	38	60	167	63	11	63	0
K0432	120	35	37	130	130	16	145	168	171	112	13	38	40	75	187	71	11	78	2.5
K0532	130	30	45	130	150	15	157	170	192	132	5	40	40	83	217	80	14	87	5.5
K0632	140	30	45	120	160	20	170	176	208	140	13	55	48	90	233	90	14	94	5
K0732	165	40	55	150	200	27	200	210	263	180	25	60	55	105	288	112	18	109	5
K0832	180	55	70	180	233	30	230	256	309	212	15	76	76	120	341	132	23	124	5

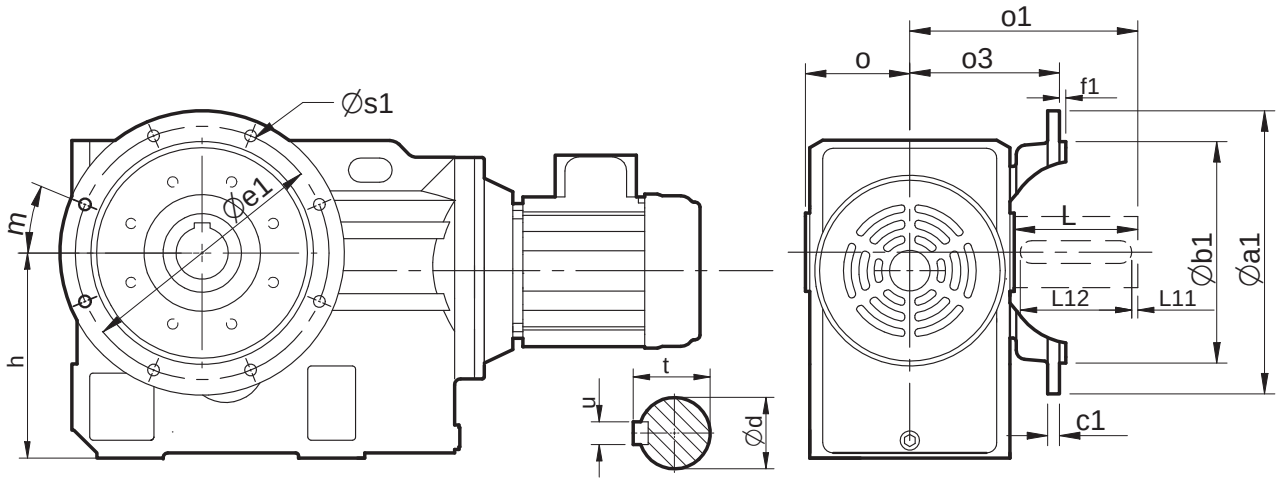
	D (H7)	m	m1	m2	m3	T	U	v4
K0332	30	53	120	105	30.3	34	8	M10X50
K0432	35	66	150	132	35.3	39	10	M12X55
K0532	40	73	166	142	40.3	44	12	M16X70
K0632	40	80	180	156	40.3	44	12	M16X70
K0732	50	93	210	183	50.5	54	14	M16X70
K0832	60	105	240	210	60.5	65	18	M20X80

		K0332		K0432		K0532		K0632		K0732		K0832	
	g	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0	k1	k0
0.25 kW	140	222	230	250	230	-	-	-	-	-	-	-	
0.37 kW	140	222	230	250	230	-	-	-	-	-	-	-	
0.55 kW	160	222	280	250	280	299	265	319	265	-	-	-	
0.75 kW	160	222	300	250	300	299	285	319	285	-	-	-	
1.1 kW	180	222	330	250	330	299	325	319	315	377	300	-	-
1.5 kW	180	222	365	250	365	299	350	319	350	377	335	-	-
2.2 kW	200	-	-	-	-	299	355	319	355	377	340	462	335
3.0 kW	200	-	-	-	-	299	365	319	365	377	350	462	350
4.0 kW	225	-	-	-	-	299	425	319	425	377	410	462	400
5.5 kW	260	-	-	-	-	299	495	319	495	377	480	462	475
7.5 kW	260	-	-	-	-	-	-	-	-	377	480	462	475

DIMENSIONS
TORQUE ARM & OUTPUT FLANGE

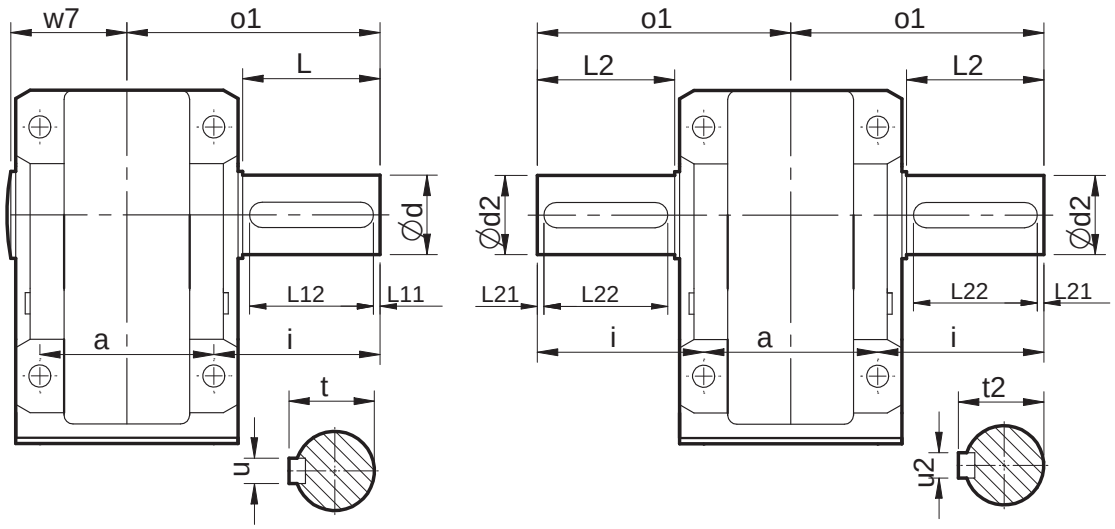


	a4	d1	G	i	L1	L2	P	R
K03	23.5	10.3	2	20	36	32	140	23
K04	30	10.3	2	20	36	32	160	23
K05	40	16.3	2	18	60	56	192	38
K06	45	16.3	2	25	60	56	200	38
K07	52.5	16.3	2	25	60	56	250	38
K08	60	25.5	5	30	80	70	300	45

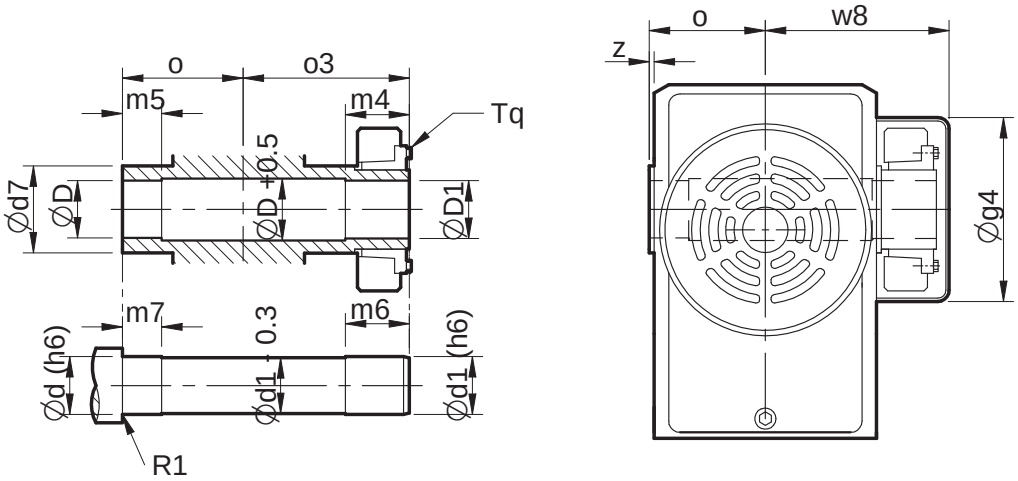


	a1	b1	c1	d	e1	f1	h	L	L11	L12	m	o	o1	o3	s1	t	u
K03	160	110 j6	10	25 k6	130	4	100	47	3	40	45°	60	110	84	9 (x4)	28	8
K04	200	130 j6	12	30 k6	165	4	112	56	3	50	45°	75	135	115	11 (x4)	33	8
K05	250	180 j6	26	35 k6	215	4	132	66	3	56	45°	83	153	106	14 (x4)	38	10
K06	250	180 j6	18	40 k6	215	4	140	76	3	70	45°	90	171	130	14 (x4)	43	12
K07	300	230 j6	18	50 k6	265	4	180	95	3	80	45°	105	206	142	14 (x4)	53.5	14
K08	350	250 h6	18	60 m6	300	5	212	114	3	100	45°	120	240	165	18 (x4)	64	18

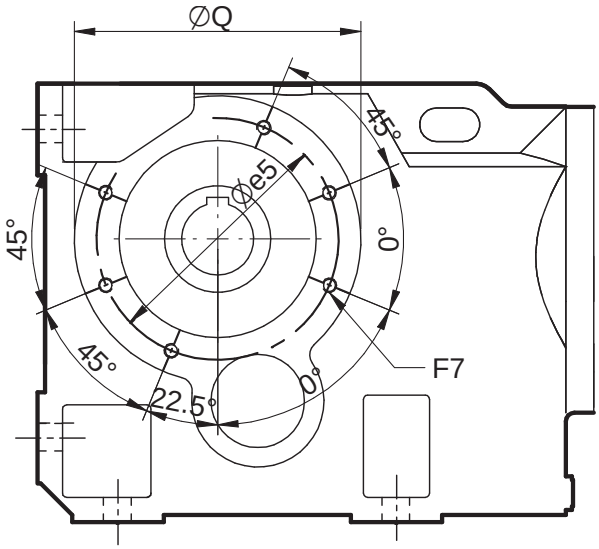
DIMENSIONS
OUTPUTSHAFT & SHRINK DISC OPTIONS



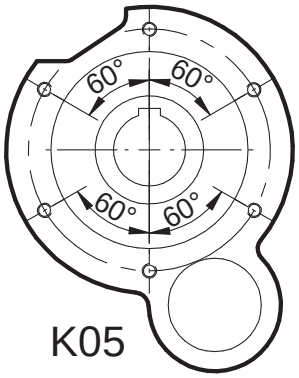
	a	d	d2	i	L	L11	L12	L2	L21	L22	o1	t	t2	u	u2	w7
K03	100	25 k6	25 k6	60	47	3	40	47	3	40	110	28	28	8	8	63
K04	120	30 k6	30 k6	75	56	3	50	56	3	50	135	33	33	8	8	78
K05	130	35 k6	35 k6	88	66	3	56	66	3	56	153	38	38	10	10	87
K06	140	40 k6	40 g6	101	76	3	70	76	3	70	171	43	43	12	12	94
K07	165	50 k6	50 g6	123.5	95	3	80	95	3	80	206	53.5	53.5	14	14	109
K08	180	60 m6	60 g6	150	114	3	100	114	3	100	240	64	64	18	18	124



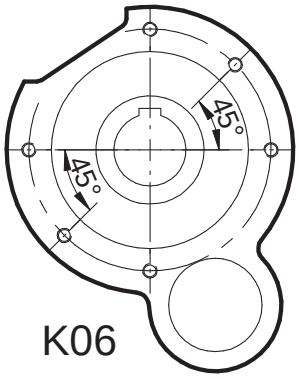
	D	D1	d (h6)	d1 (h6)	d7	g4	m4	m5	m6	m7	o	o3	w8	z	Tq(Nm)
K03	30	30	30	30	50	89	31	20	37	25	60	86	91	0	29
K04	35	35	35	35	55	108	33	20	37	25	75	102	113	2.5	29
K05	40	40	40	40	60	108	36	20	41	25	83	112	118	5.5	29
K06	40	40	40	40	70	133	38	20	43	25	90	118	140	5	29
K07	50	50	50	50	80	133	36	30	41	35	105	136	152	5	35
K08	65	65	65	65	90	162	41	40	46	45	120	161	175	5	58



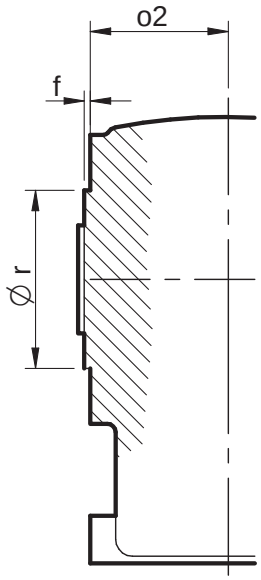
K03 K04 & K08



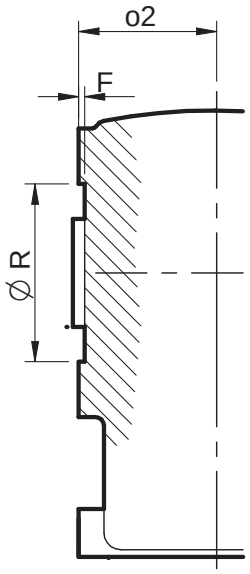
K05



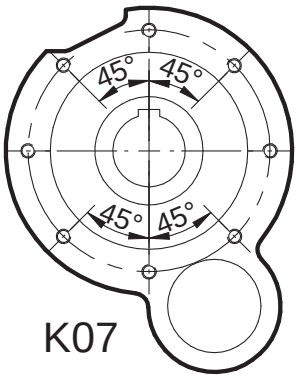
K06



K03 - K07



K08



K07

	e5	F7	o2	Q	r (h7)	R (H7)	f	F
K03	107	6 - M8 x 12	55	122	85	-	2.5	-
K04	130	6 - M8 x 12	70	146	105	-	2.5	-
K05	125	6 - M10 x 17	75	150	105	-	3	-
K06	150	6 - M10 x 17	83	180	130	-	3.5	-
K07	150	8 - M10 x 17	95	180	130	-	6	-
K08	195	6 - M12 x 20	115	220	-	150	-	5

	N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
0.25 kW 4 POLE	168	8.33	13	10.04	4233	K 0 3 3 2 8 . 0 _ M _ - _ _ . 2 5 A - -	22.5	71
	124	11.25	18	8.38	4640	1 1 .		
	109	12.8	21	7.72	4827	1 2 .		
	97	14.5	23	7.14	5013	1 4 .		
	76	18.54	30	6.02	5401	1 8 .		
	70	19.98	33	5.72	5519	2 0 .		
	56	25.23	41	4.83	5812	2 5 .		
	49	28.6	47	4.4	5818	2 8 .		
	43	32.68	53	4.02	5820	3 2 .		
	39	36.35	59	3.7	5822	3 6 .		
	35	40.08	65	3.41	5896	4 0 .		
	32	44.11	72	3.1	5907	4 5 .		
	27	51.68	84	2.65	5921	5 0 .		
	23	62	101	2.21	6000	6 3 .		
	19	72.27	118	1.9	6000	7 1 .		
	17	80.3	131	1.71	6000	8 0 .		
	14	96.7	158	1.17	6000	1 0 0		
	13	110.83	180	0.88	6000	1 1 2		
	20	71.09	116	3.8	6000	K 0 4 3 2 7 1 . _ M _ - _ _ . 2 5 A - -	27.5	71
	17	80.1	130	3.38	6000	8 0 .		
	15	93.12	152	2.69	6000	1 0 0		
	13	105.69	172	2.43	6000	1 1 2		
	12	120.15	195	2.25	6000	1 2 5		
0.37 kW 4 POLE	168	8.33	20	6.78	4171	K 0 3 3 2 8 . 0 _ M _ - _ _ . 3 7 A - -	22.5	71
	124	11.25	27	5.66	4556	1 1 .		
	109	12.8	31	5.22	4732	1 2 .		
	97	14.5	35	4.83	4906	1 4 .		
	76	18.54	45	4.07	5263	1 8 .		
	70	19.98	48	3.86	5372	2 0 .		
	56	25.23	61	3.26	5640	2 5 .		
	49	28.6	69	2.97	5650	2 8 .		
	43	32.68	79	2.71	5655	3 2 .		
	39	36.35	88	2.5	5658	3 6 .		
	35	40.08	97	2.3	5801	4 0 .		
	32	44.11	107	2.09	5821	4 5 .		
	27	51.68	125	1.79	5849	5 0 .		
	23	62	150	1.49	6000	6 3 .		
	19	72.27	175	1.28	6000	7 1 .		
	17	80.3	194	1.16	6000	8 0 .		
	31	45.39	110	3.94	6000	K 0 4 3 2 4 5 . _ M _ - _ _ . 3 7 A - -	27.5	71
	28	49.35	119	3.68	6000	5 0 .		
	24	59.24	143	3.08	6000	6 3 .		
	20	71.09	171	2.57	6000	7 1 .		
	17	80.1	193	2.28	6000	8 0 .		
	15	93.12	225	1.82	6000	1 0 0		
	13	105.69	255	1.64	6000	1 1 2		
	12	120.15	289	1.52	6000	1 2 5		
0.55 kW 4 POLE	19	72.85	268	2.44	8000	K 0 5 3 2 7 1 . _ D _ - _ _ . 5 5 A - -	40.5	80
	17	79.77	292	2.23	8000	8 0 .		
	14	97.76	359	1.82	8000	1 0 0		
	13	108.96	400	1.64	8000	1 1 2		
	11	122.20	448	1.36	8000	1 2 5		
	23	60.62	223	3.62	8000	K 0 6 3 2 6 3 . _ D _ - _ _ . 5 5 A - -	48.5	80
	19	71.49	263	3.07	8000	7 1 .		
	18	78.28	287	2.82	8000	8 0 .		
	14	95.93	351	2.30	8000	1 0 0		
	13	106.93	391	2.01	8000	1 1 2		
	11	119.92	439	1.36	8000	1 2 5		
0.75 kW 4 POLE	166	8.33	41	3.35	3976	K 0 3 3 2 8 . 0 _ D _ - _ _ . 7 5 A - -	27.7	80
	123	11.25	56	2.80	4294	1 1 .		
	108	12.80	63	2.57	4433	1 2 .		
	96	14.50	72	2.38	4567	1 4 .		
	75	18.54	92	2.01	4829	1 8 .		
	69	19.98	99	1.91	4904	2 0 .		
	55	25.23	126	1.62	5094	2 5 .		
	48	28.60	142	1.48	5119	2 8 .		
	42	32.68	163	1.34	5132	3 2 .		
	38	36.35	181	1.24	5139	3 6 .		
	35	40.08	199	1.13	5500	4 0 .		
	31	44.11	219	1.02	5550	4 5 .		
	27	51.68	257	0.87	5620	5 0 .		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
0.75 kW 4 POLE							
77	17.95	89	3.81	6000	K 0 4 3 2 1 8 . _ D _ - _ _ . 7 5 A - -	30.5	80
68	20.40	101	3.49	6000	2 0 .		
55	25.03	124	3.03	5945	2 5 .		
50	27.76	138	2.80	5944	2 8 .		
44	31.54	157	2.56	5939	3 2 .		
39	35.83	178	2.39	6000	3 6 .		
35	39.46	196	2.17	6000	4 0 .		
31	45.39	226	1.91	6000	4 5 .		
28	49.35	245	1.76	6000	5 0 .		
23	59.24	294	1.46	6000	6 3 .		
19	71.09	352	1.23	6000	7 1 .		
17	80.10	396	1.08	6000	8 0 .		
15	93.12	462	0.80	6000	1 0 0		
42	32.99	164	3.76	7830	K 0 5 3 2 3 2 . _ D _ - _ _ . 7 5 A - -	41.5	80
38	36.91	183	3.54	8000	3 6 .		
35	39.34	195	3.30	8000	4 0 .		
30	46.63	232	2.81	8000	4 5 .		
28	49.78	248	2.64	8000	5 0 .		
22	61.78	307	2.13	8000	6 3 .		
19	72.85	361	1.81	7667	7 1 .		
17	79.77	395	1.66	7638	8 0 .		
14	97.76	485	1.35	7760	1 0 0		
13	108.96	540	1.21	7542	1 1 2		
11	122.20	604	1.01	8000	1 2 5		
30	45.76	227	3.55	8000	K 0 6 3 2 4 5 . _ D _ - _ _ . 7 5 A - -	49.5	80
28	48.86	243	3.32	8000	5 0 .		
23	60.62	301	2.69	8000	6 3 .		
19	71.49	355	2.28	8000	7 1 .		
18	78.28	387	2.09	8000	8 0 .		
14	95.93	474	1.71	8000	1 0 0		
13	106.93	527	1.49	8000	1 1 2		
12	119.92	592	1.01	8000	1 2 5		
1.1 kW 4 POLE							
166	8.33	61	2.28	3796	K 0 3 3 2 8 . 0 _ D _ - _ _ 1 . 1 A - -	31.7	90S
123	11.25	82	1.90	4052	1 1 .		
108	12.80	93	1.75	4157	1 2 .		
95	14.50	106	1.62	4254	1 4 .		
74	18.54	136	1.37	4428	1 8 .		
69	19.98	147	1.30	4473	2 0 .		
122	11.30	82	3.52	5740	K 0 4 3 2 1 1 . _ D _ - _ _ 1 . 1 A - -	34.5	90S
111	12.45	91	3.32	5890	1 2 .		
98	14.14	103	3.05	6000	1 4 .		
77	17.95	131	2.59	5867	1 8 .		
68	20.40	149	2.37	5882	2 0 .		
55	25.03	183	2.06	5850	2 5 .		
50	27.76	203	1.90	5847	2 8 .		
44	31.54	231	1.74	5833	3 2 .		
49	28.37	208	2.86	7070	K 0 5 3 2 2 8 . _ D _ - _ _ 1 . 1 A - -	45.5	90S
42	32.99	242	2.55	7262	3 2 .		
37	36.91	270	2.41	7370	3 6 .		
35	39.34	288	2.24	7345	4 0 .		
30	46.63	342	1.91	7302	4 5 .		
28	49.78	365	1.79	7276	5 0 .		
22	61.78	452	1.44	7347	6 3 .		
19	72.85	532	1.23	7085	7 1 .		
17	79.77	581	1.12	7004	8 0 .		
14	97.76	714	0.92	7340	1 0 0		
13	108.96	795	0.82	6740	1 1 2		
50	27.84	204	3.95	7789	K 0 6 3 2 2 8 . _ D _ - _ _ 1 . 1 A - -	53.5	90S
43	32.38	238	3.40	7864	3 2 .		
38	36.22	265	3.05	7845	3 6 .		
36	38.61	283	2.86	7831	4 0 .		
30	45.76	335	2.41	7988	4 5 .		
28	48.86	358	2.26	7974	5 0 .		
23	60.62	443	1.83	8000	6 3 .		
19	71.49	523	1.55	8000	7 1 .		
18	78.28	570	1.42	8000	8 0 .		
14	95.93	698	1.16	8000	1 0 0		
13	106.93	776	1.01	8000	1 1 2		
22	62.94	458	3.49	15000	K 0 7 3 2 6 3 . _ D _ - _ _ 1 . 1 A - -	70.8	90S
18	75.07	547	2.92	15000	7 1 .		
17	82.21	598	2.67	15000	8 0 .		
14	98.65	716	2.23	14720	1 0 0		
12	113.50	824	1.93	15000	1 1 2		
11	126.11	911	1.51	15000	1 2 5		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
1.5 kW 4 POLE							
167	8.33	82	1.68	3590	K 0 3 3 2 8 . 0 _ D _ - _ _ 1 . 5 A - -	33.7	90L
124	11.25	111	1.41	3775	1 1 .		
109	12.80	127	1.29	3842	1 2 .		
96	14.50	144	1.20	3896	1 4 .		
75	18.54	184	1.01	3970	1 8 .		
70	19.98	199	0.96	3980	2 0 .		
173	8.05	79	3.17	5120	K 0 4 3 2 8 . 0 _ D _ - _ _ 1 . 5 A - -	36.5	90L
123	11.30	112	2.60	5515	1 1 .		
112	12.45	123	2.45	5639	1 2 .		
98	14.14	140	2.26	5745	1 4 .		
77	17.95	178	1.91	5716	1 8 .		
68	20.40	202	1.75	5747	2 0 .		
56	25.03	248	1.52	5741	2 5 .		
50	27.76	275	1.41	5735	2 8 .		
44	31.54	312	1.28	5712	3 2 .		
49	28.37	281	2.12	6512	K 0 5 3 2 2 8 . _ D _ - _ _ 1 . 5 A - -	47.5	90L
42	32.99	328	1.89	6613	3 2 .		
38	36.91	366	1.78	6650	3 6 .		
35	39.34	390	1.66	6597	4 0 .		
30	46.63	463	1.41	6505	4 5 .		
28	49.78	494	1.32	6448	5 0 .		
23	61.78	612	1.07	6600	6 3 .		
19	72.85	720	0.91	6420	7 1 .		
17	79.77	787	0.83	6280	8 0 .		
50	27.84	277	2.92	7548	K 0 6 3 2 2 8 . _ D _ - _ _ 1 . 5 A - -	55.5	90L
43	32.38	322	2.51	7709	3 2 .		
38	36.22	360	2.25	7668	3 6 .		
36	38.61	384	2.11	7638	4 0 .		
30	45.76	454	1.78	7973	4 5 .		
28	48.86	485	1.67	7943	5 0 .		
23	60.62	600	1.35	8000	6 3 .		
19	71.49	708	1.14	8000	7 1 .		
18	78.28	772	1.05	8000	8 0 .		
14	95.93	945	0.86	8000	1 0 0		
29	48.01	475	3.37	15000	K 0 7 3 2 4 5 . _ D _ - _ _ 1 . 5 A - -	72.8	90L
26	54.28	537	2.98	15000	5 0 .		
22	62.94	621	2.58	14503	6 3 .		
19	75.07	740	2.16	14434	7 1 .		
17	82.21	810	1.97	14393	8 0 .		
14	98.65	970	1.65	14400	1 0 0		
12	113.50	1115	1.43	15000	1 1 2		
11	126.11	1233	1.12	15000	1 2 5		
2.2 kW 4 POLE							
50	28.37	407	1.46	5536	K 0 5 3 2 2 8 . _ D _ - _ _ 2 . 2 A - -	55.5	100L
43	32.99	474	1.30	5478	3 2 .		
38	36.91	529	1.23	5390	3 6 .		
36	39.34	564	1.14	5287	4 0 .		
30	46.63	669	0.98	5110	4 5 .		
28	49.78	714	0.91	5000	5 0 .		
112	12.54	180	3.81	7760	K 0 6 3 2 1 2 . _ D _ - _ _ 2 . 2 A - -	63.5	100L
100	14.08	202	3.54	7970	1 4 .		
79	17.88	257	2.97	8000	1 8 .		
70	20.27	291	2.71	8000	2 0 .		
58	24.18	348	2.32	8000	2 5 .		
51	27.84	400	2.02	7127	2 8 .		
44	32.38	466	1.74	7438	3 2 .		
39	36.22	520	1.56	7358	3 6 .		
37	38.61	555	1.46	7300	4 0 .		
31	45.76	656	1.23	7948	4 5 .		
29	48.86	702	1.15	7890	5 0 .		
23	60.62	868	0.93	8000	6 3 .		
53	26.52	380	3.99	13300	K 0 7 3 2 2 5 . _ D _ - _ _ 2 . 2 A - -	80.8	100L
48	29.17	419	3.72	13500	2 8 .		
42	33.52	480	3.33	13900	3 2 .		
37	38.01	544	2.94	14300	3 6 .		
34	41.92	600	2.67	14600	4 0 .		
29	48.01	686	2.33	13987	4 5 .		
26	54.28	776	2.06	13908	5 0 .		
22	62.94	898	1.78	13634	6 3 .		
19	75.07	1070	1.49	13445	7 1 .		
17	82.21	1171	1.37	13331	8 0 .		
14	98.65	1403	1.14	13840	1 0 0		
12	113.50	1613	0.99	15000	1 1 2		

N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
2.2 kW 4 POLE							
28	51.54	729	3.67	18855	K 0 8 3 2 5 0 . _ M _ - _ _ 3 . 0 A - -	130	100L
23	62.47	883	3.03	19587	6 3 .		
19	72.86	1029	2.60	19997	7 1 .		
18	80.03	1129	2.37	19929	8 0 .		
14	98.08	1385	1.93	19337	1 0 0		
13	107.10	1511	1.77	19224	1 1 2		
12	123.33	1733	1.55	18579	1 2 5		
3.0 kW 4 POLE							
175	8.11	157	2.53	4540	K 0 5 3 2 8 . 0 _ D _ - _ _ 3 . 0 A - -	57.5	100L
125	11.40	221	2.08	4670	1 1 .		
111	12.78	248	1.93	4720	1 2 .		
99	14.35	279	1.79	4740	1 4 .		
78	18.22	355	1.50	4740	1 8 .		
69	20.66	402	1.36	4690	2 0 .		
58	24.64	479	1.20	4570	2 5 .		
50	28.37	551	1.08	4420	2 8 .		
43	32.99	642	0.96	4180	3 2 .		
38	36.91	717	0.91	3950	3 6 .		
36	39.34	764	0.85	3790	4 0 .		
178	7.96	154	3.66	6850	K 0 6 3 2 8 . 0 _ D _ - _ _ 3 . 0 A - -	65.5	100L
127	11.19	217	3.03	7180	1 1 .		
113	12.54	244	2.82	7333	1 2 .		
101	14.08	274	2.61	7490	1 4 .		
79	17.88	348	2.20	7484	1 8 .		
70	20.27	395	2.00	7452	2 0 .		
59	24.18	471	1.72	7384	2 5 .		
51	27.84	542	1.49	6645	2 8 .		
44	32.38	631	1.28	7128	3 2 .		
39	36.22	704	1.15	7003	3 6 .		
37	38.61	751	1.08	6913	4 0 .		
31	45.76	889	0.91	7920	4 5 .		
29	48.86	950	0.85	7830	5 0 .		
54	26.52	515	2.95	12531	K 0 7 3 2 2 5 . _ D _ - _ _ 3 . 0 A - -	82.8	100L
49	29.17	567	2.75	12665	2 8 .		
42	33.52	650	2.46	12942	3 2 .		
37	38.01	737	2.17	13207	3 6 .		
34	41.92	812	1.97	13388	4 0 .		
30	48.01	930	1.72	12829	4 5 .		
26	54.28	1051	1.52	12660	5 0 .		
23	62.94	1216	1.32	12641	6 3 .		
19	75.07	1450	1.10	12314	7 1 .		
17	82.21	1586	1.01	12117	8 0 .		
14	98.65	1899	0.84	13200	1 0 0		
39	36.88	715	3.79	16600	K 0 8 3 2 3 6 . _ D _ - _ _ 3 . 0 A - -	132	100L
35	40.36	783	3.46	16900	4 0 .		
31	45.66	885	3.06	17300	4 5 .		
28	51.54	997	2.72	17600	5 0 .		
23	62.47	1208	2.24	18100	6 3 .		
19	72.86	1407	1.93	18320	7 1 .		
18	80.03	1545	1.75	18320	8 0 .		
14	98.08	1895	1.43	17766	1 0 0		
13	107.10	2065	1.31	17569	1 1 2		
12	123.33	2371	1.14	16455	1 2 5		
4.0 kW 4 POLE							
176	8.11	209	1.91	4140	K 0 5 3 2 8 . 0 _ D _ - _ _ 4 . 0 A - -	66.5	112M
125	11.40	294	1.57	4110	1 1 .		
111	12.78	330	1.45	4088	1 2 .		
99	14.35	371	1.34	4032	1 4 .		
78	18.22	471	1.13	3840	1 8 .		
69	20.66	534	1.02	3680	2 0 .		
58	24.64	637	0.90	3360	2 5 .		
179	7.96	205	2.75	6510	K 0 6 3 2 8 . 0 _ D _ - _ _ 4 . 0 A - -	74.5	112M
127	11.19	289	2.28	6700	1 1 .		
114	12.54	324	2.12	6800	1 2 .		
101	14.08	364	1.97	6890	1 4 .		
80	17.88	463	1.65	6838	1 8 .		
70	20.27	525	1.51	6767	2 0 .		
59	24.18	626	1.29	6615	2 5 .		

	N2 R/MIN	i	M2 Nm	Fm	N	Unit Designation	Kg	
	Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry [1] Through [20] Spaces to be filled when entering order	Weight of base mount unit	Motor Sizes
4.0 kW 4 POLE	54	26.52	685	2.22	11570	K 0 7 3 2 2 5 . _ D _ - _ _ 4 . 0 A - -	91.8	112M
	49	29.17	754	2.07	11622	2 8 .		
	43	33.52	863	1.85	11743	3 2 .		
	37	38.01	979	1.63	11841	3 6 .		
	34	41.92	1079	1.48	11873	4 0 .		
	30	48.01	1235	1.29	11381	4 5 .		
	26	54.28	1397	1.14	11100	5 0 .		
	23	62.94	1615	0.99	11400	6 3 .		
	19	75.07	1926	0.83	10900	7 1 .		
	39	36.88	950	2.85	15489	K 0 8 3 2 3 6 . _ D _ - _ _ 4 . 0 A - -	141	112M
	35	40.36	1040	2.60	15678	4 0 .		
	31	45.66	1175	2.30	15922	4 5 .		
	28	51.54	1325	2.04	16044	5 0 .		
	23	62.47	1605	1.69	16220	6 3 .		
	20	72.86	1869	1.45	16200	7 1 .		
	18	80.03	2054	1.32	16200	8 0 .		
	15	98.08	2518	1.08	15800	1 0 0		
	13	107.10	2743	0.99	15500	1 1 2		
	12	123.33	3151	0.86	13800	1 2 5		
5.5 kW 4 POLE	179	8.11	282	1.41	3540	K 0 5 3 2 8 . 0 _ D _ - _ _ 5 . 5 A - -	84.5	132S
	127	11.40	398	1.16	3270	1 1 .		
	113	12.78	446	1.07	3140	1 2 .		
	101	14.35	501	0.99	2970	1 4 .		
	80	18.22	637	0.83	2490	1 8 .		
	182	7.96	277	2.04	6000	K 0 6 3 2 8 . 0 _ D _ - _ _ 5 . 5 A - -	92.5	132S
	130	11.19	391	1.69	5980	1 1 .		
	116	12.54	439	1.57	6000	1 2 .		
	103	14.08	492	1.45	5990	1 4 .		
	81	17.88	626	1.22	5870	1 8 .		
	72	20.27	709	1.12	5740	2 0 .		
	60	24.18	846	0.96	5460	2 5 .		
	55	26.52	925	1.64	10128	K 0 7 3 2 2 5 . _ D _ - _ _ 5 . 5 A - -	110	132S
	50	29.17	1019	1.53	10057	2 8 .		
	43	33.52	1167	1.37	9946	3 2 .		
	38	38.01	1323	1.21	9792	3 6 .		
	35	41.92	1459	1.10	9600	4 0 .		
	30	48.01	1669	0.96	9210	4 5 .		
	27	54.28	1888	0.85	8760	5 0 .		
	39	36.88	1290	2.08	14227	K 0 8 3 2 3 6 . _ D _ - _ _ 5 . 5 A - -	159	132S
	35	40.36	1413	1.90	14227	4 0 .		
	31	45.66	1599	1.68	14227	4 5 .		
	28	51.54	1805	1.48	13715	5 0 .		
	23	62.47	2185	1.23	13387	6 3 .		
	20	72.86	2545	1.05	12194	7 1 .		
	18	80.03	2795	0.96	12524	8 0 .		
7.5 kW 4 POLE	55	26.52	1262	1.20	8205	K 0 7 3 2 2 5 . _ M _ - _ _ 7 . 5 A - -	117	132M
	50	29.17	1389	1.12	7970	2 8 .		
	43	33.52	1591	1.01	7550	3 2 .		
	38	38.01	1804	0.89	7060	3 6 .		
	35	41.92	1990	0.80	6570	4 0 .		
	39	36.88	1752	1.55	11600	K 0 8 3 2 3 6 . _ M _ - _ _ 7 . 5 A - -	166	132M
	36	40.36	1917	1.41	11400	4 0 .		
	32	45.66	2166	1.25	11100	4 5 .		
	28	51.54	2442	1.11	10600	5 0 .		
	23	62.47	2958	0.92	9640	6 3 .		

IMPORTANT

Product Safety Information

General - The following information is important in ensuring safety. It must be brought to the attention of personnel involved in the selection of power transmission equipment, those responsible for the design of the machinery in which it is to be incorporated and those involved in its installation, use and maintenance.

Our equipment will operate safely provided it is selected, installed, used and maintained properly. As with any power transmission equipment proper precautions must be taken as indicated in the following paragraphs, to ensure safety.

Potential Hazards - these are not necessarily listed in any order of severity as the degree of danger varies in individual circumstances. It is important therefore that the list is studied in its entirety:-

1) Fire/Explosion

(a) Oil mists and vapour are generated within gear units. It is therefore dangerous to use naked lights in the proximity of gearbox openings, due to the risk of fire or explosion.

(b) In the event of fire or serious overheating (over 300 °C), certain materials (rubber, plastics, etc.) may decompose and produce fumes. Care should be taken to avoid exposure to the fumes, and the remains of burned or overheated plastic/rubber materials should be handled with rubber gloves.

2) Guards - Rotating shafts and couplings must be guarded to eliminate the possibility of physical contact or entanglement of clothing. It should be of rigid construction and firmly secured.

3) Noise - High speed gearboxes and gearbox driven machinery may produce noise levels which are damaging to the hearing with prolonged exposure. Ear defenders should be provided for personnel in these circumstances. Reference should be made to the Department of Employment Code of Practice for reducing exposure of employed persons to noise.

4) Lifting - Where provided (on larger units) only the lifting points or eyebolts must be used for lifting operations (see maintenance manual or general arrangement drawing for lifting point positions). Failure to use the lifting points provided may result in personal injury and/or damage to the product or surrounding equipment. Keep clear of raised equipment.

5) Lubricants and Lubrication

(a) Prolonged contact with lubricants can be detrimental to the skin. The manufacturer's instruction must be followed when handling lubricants.

(b) The lubrication status of the equipment must be checked before commissioning. Read and carry out all instructions on the lubricant plate and in the installation and maintenance literature. Heed all warning tags. Failure to do so could result in mechanical damage and in extreme cases risk of injury to personnel.

6) Electrical Equipment - Observe hazard warnings on electrical equipment and isolate power before working on the gearbox or associated equipment, in order to prevent the machinery being started.

7) Installation, Maintenance and Storage

(a) In the event that equipment is to be held in storage, for a period exceeding 6 months, prior to installation or commissioning, we must be consulted regarding special preservation requirements. Unless otherwise agreed, equipment must be stored in a building protected from extremes of temperature and humidity to prevent deterioration.
The rotating components (gears and shafts) must be turned a few revolutions once a month (to prevent bearings brinelling).

(b) External gearbox components may be supplied with preservative materials applied, in the form of a "waxed" tape overwrap or wax film preservative. Gloves should be worn when removing these materials. The former can be removed manually, the latter using white spirit as a solvent.
Preservatives applied to the internal parts of the gear units do not require removal prior to operation.

(c) Installation must be performed in accordance with the manufacturer's instructions and be undertaken by suitably qualified personnel.

(d) Before working on a gearbox or associated equipment, ensure that the load has been removed from the system to eliminate the possibility of any movement of the machinery and isolate power supply. Where necessary, provide mechanical means to ensure the machinery cannot move or rotate. Ensure removal of such devices after work is complete.

(e) Ensure the proper maintenance of gearboxes in operation. Use only the correct tools and our approved spare parts for repair and maintenance. Consult the Maintenance Manual before dismantling or performing maintenance work.

8) Hot Surfaces and Lubricants

(a) During operation, gear units may become sufficiently hot to cause skin burns. Care must be taken to avoid accidental contact.

(b) After extended running the lubricant in gear units and lubrication systems may reach temperatures sufficient to cause burns. Allow equipment to cool before servicing or performing adjustments.

9) Selection and Design

(a) Where gear units provide a backstop facility, ensure that back-up systems are provided if failure of the backstop device would endanger personnel or result in damage.

(b) The driving and driven equipment must be correctly selected to ensure that the complete machinery installation will perform satisfactorily, avoiding system critical speeds, system torsional vibration, etc.

(c) The equipment must not be operated in an environment or at speeds, powers, torques or with external loads beyond those for which it was designed.

(d) As improvements in design are being made continually the contents of this catalogue are not to be regarded as binding in detail, and drawings and capacities are subject to alterations without notice.

The above guidance is based on the current state of knowledge and our best assessment of the potential hazards in the operation of the gear units.
Any further information or clarification required may be obtained by contacting our Application Engineers.

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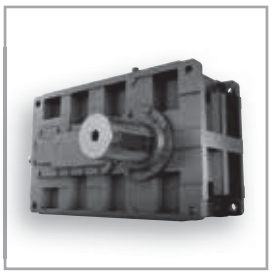



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