



VALIADIS
HELLENIC MOTORS

K series Three-phase Asynchronous Motors



Efficiency IE3



VALIADIS S.A.

HELLENIC MOTORS

Quality Assurance Certificate en iso 9001:2015
Certificate Reg. No. 041130055

K-series

IE3 SUPER PREMIUM EFFICIENCY

ACCORDING IEC 80 - 355



Applications

- Fans
- Pumps
- Gears
- Compressors
- Textiles
- Food industry

Standard features

- Industrial series of cast-iron housing motors
- IP55 protection degree
- Insulation class F, temperature rise 80°C
- Terminal box rotation at 180°
- SKF or NSK bearings
- Cast iron housing for the bearing
- RAL 5010, blue colour

Optional features

- Special voltages and frequency
- Class H insulation
- Brake kits for all motors
- Forced cooling for constant torque operation through frequency inverter
- IP56 / IP65 protection
- PTC / PT100 in the winding
- Frame reduced motors (non-IEC)
- Anticondensation heaters
- Roller bearings on drive end
- Double shaft
- Cable execution (with terminal box or directly connected)
- Epoxy raisin encapsulated terminal box
- Epoxy raisin encapsulated winding
- Silicon encapsulated terminal box

K-Series - IE3

Three-phase motors with squirrel cage, protection degree IP55

2 Poles-3000 rpm
380-420/220-240 V Y/Δ 50 Hz
660-725/380-420 V Y/Δ 50 Hz
Insulation Class F

	POWER		SPEED	EFF.	POWER FACTOR	RATED CURRENT (400V)	NOMINAL TORQUE	Moment of inertia GD ² /4	Starting current ratio	Starting torque ratio	Break-down Torque	Noise Level LW	Net Weight
TYPE	kW	HP	rpm	%	cos φ	A	Nm	Kgm ²	Ip/In	Mp/Mn	Mm/Mn	dB(A)	Kg
K80M-2	0.75	1	2855	80.7	0.82	1.6	2.5	0.001	7	2.3	2.3	62	17
K80M-2	1.1	1.5	2855	82.7	0.83	2.3	3.7	0.002	7.3	2.2	2.3	62	20
K90S-2	1.5	2	2875	84.2	0.84	3.1	5.0	0.002	7.6	2.2	2.3	67	24
K90L-2	2.2	3	2875	85.9	0.85	4.3	7.3	0.003	7.6	2.2	2.3	67	29
K100L-2	3	4	2880	87.1	0.87	5.7	9.9	0.006	7.8	2.2	2.3	74	42
K112M-2	4	5.5	2900	88.1	0.88	7.4	13.2	0.009	8.3	2.2	2.3	77	48
K132S-2	5.5	7.5	2900	89.2	0.88	10.1	18.1	0.024	8.3	2.0	2.3	79	70
K132S-2	7.5	10	2900	90.1	0.88	13.7	24.7	0.029	7.9	2.0	2.3	79	74
K160M-2	11	15	2940	91.2	0.89	19.6	35.7	0.067	8.1	2.0	2.3	81	120
K160M-2	15	20	2940	91.9	0.89	26.5	48.7	0.080	8.1	2.0	2.3	81	130
K160L-2	18.5	25	2940	92.4	0.89	32.5	60.1	0.097	8.2	2.0	2.3	81	148
K180M-2	22	30	2955	92.7	0.89	38.5	71.1	0.137	8.2	2.0	2.3	83	192
K200L-2	30	40	2965	93.3	0.89	52.1	96.6	0.227	7.6	2.0	2.3	84	248
K200L-2	37	50	2965	93.7	0.89	64.0	119.2	0.269	7.6	2.0	2.3	84	270
K225M-2	45	60	2970	94.0	0.90	76.8	144.7	0.360	7.7	2.0	2.3	86	324
K250M-2	55	75	2975	94.3	0.90	93.5	176.6	0.791	7.7	2.0	2.3	89	438
K280S-2	75	100	2975	94.7	0.90	127.0	240.8	0.960	7.1	1.8	2.3	91	565
K280M-2	90	125	2975	95.0	0.90	151.9	288.9	1.157	7.1	1.8	2.3	91	598
K315S-2	110	150	2980	95.2	0.90	185.3	352.5	1.662	7.1	1.8	2.3	92	956
K315M-2	132	180	2980	95.4	0.90	221.9	423.0	1.874	7.1	1.8	2.3	92	960
K315L-2	160	220	2980	95.6	0.91	265.5	512.8	2.146	7.2	1.8	2.3	92	1060
K315L-2	200	270	2980	95.8	0.91	331.1	640.9	2.448	7.2	1.8	2.2	92	1080
K355M-2	250	340	2980	95.8	0.91	413.9	801.2	3.800	7.2	1.6	2.2	100	1620
K355L-2	315	40	2980	95.8	0.91	521.5	1009.5	4.820	7.2	1.6	2.2	100	2017
K355L-2	355	480	2980	95.8	0.91	587.8	1137.6	5.200	7.2	1.6	2.2	104	2150

K-Series - IE3

Three-phase motors with squirrel cage, protection degree IP55

4pole-1500rpm
380-420/220-240 V Y/Δ 50 Hz
660-725/380-420 V Y/Δ 50 Hz
Insulation Class F

	POWER		SPEED	EFF.	POWER FACTOR	RATED CURRENT (400V)	NOMINAL TORQUE	Moment of inertia GD ² /4	Starting current ratio	Starting torque ratio	Break-down Torque	Noise Level LW	Net Weight
TYPE	kW	HP	rpm	%	cos φ	A	Nm	Kgm ²	Ip/In	Mp/Mn	Mm/Mn	dB(A)	Kg
K80M-4	0.75	1	1400	82.5	0.75	1.7	5.1	0.003	6.6	2.3	2.3	56	16
K90S-4	1.1	1.5	1425	84.1	0.76	2.5	7.4	0.004	6.8	2.3	2.3	59	25
K90L-4	1.5	2	1425	85.3	0.77	3.3	10.1	0.005	7.0	2.3	2.3	59	31
K100L-4	2.2	3	1440	86.7	0.81	4.5	14.6	0.012	7.6	2.3	2.3	64	43
K100L-4	3	4	1440	87.7	0.82	6.0	19.9	0.016	7.6	2.3	2.3	64	42
K112M-4	4	5.5	1450	88.6	0.82	7.9	26.3	0.022	7.8	2.2	2.3	65	54
K132S-4	5.5	7.5	1455	89.6	0.83	10.7	36.1	0.060	7.9	2.0	2.3	71	70
K132M-4	7.5	10	1455	90.4	0.84	14.3	49.2	0.071	7.5	2.0	2.3	71	84
K160M-4	11	15	1465	91.4	0.85	20.4	71.7	0.137	7.7	2.2	2.3	73	128
K160L-4	15	20	1465	92.1	0.86	27.3	97.8	0.171	7.8	2.2	2.3	73	150
K180M-4	18.5	25	1470	92.6	0.86	33.5	120.2	0.238	7.8	2.0	2.3	76	182
K180L-4	22	30	1475	93.0	0.86	39.7	142.4	0.259	7.8	2.0	2.3	76	223
K200L-4	30	40	1475	93.6	0.86	53.8	194.2	0.459	7.3	2.0	2.3	76	300
K225S-4	37	50	1480	93.9	0.86	66.1	238.8	0.656	7.4	2.0	2.3	78	354
K225M-4	45	60	1480	94.2	0.86	80.2	290.4	0.758	7.4	2.0	2.3	78	342
K250M-4	55	75	1480	94.6	0.86	97.6	354.9	1.078	7.4	2.2	2.3	79	460
K280S-4	75	100	1485	95.0	0.88	129.5	482.3	1.800	6.9	2.0	2.3	80	581
K280M-4	90	125	1485	95.2	0.88	155.1	578.8	2.130	6.9	2.0	2.3	80	658
K315S-4	110	150	1485	95.4	0.89	187.0	707.4	3.415	7.0	2.0	2.3	88	914
K315M-4	132	180	1485	95.6	0.89	223.9	848.9	3.807	7.0	2.0	2.2	88	1034
K315L-4	160	220	1485	95.8	0.89	270.9	1029.0	3.423	7.1	2.0	2.2	88	1078
K315L-4	200	270	1485	96.0	0.90	334.1	1286.2	5.262	7.1	2.0	2.2	88	1200
K355M-4	250	340	1490	96.0	0.90	417.7	1602.3	9.2	7.1	2.0	2.2	95	1750
K355L-4	315	430	1490	96.0	0.90	526.2	2019.0	10.2	7.1	2.0	2.2	95	1984
K355L-4	355	480	1490	96.0	0.90	606.5	2275.3	11.4	7.1	2.0	2.2	102	2375

K-Series - IE3

Three-phase motors with squirrel cage, protection degree IP55

6pole-1000rpm
 380-420/220-240 V Y/Δ 50 Hz
 660-725/380-420 V Y/Δ 50 Hz
 Insulation Class F

	POWER		SPEED	EFF.	POWER FACTOR	RATED CURRENT (400V)	NOMINAL TORQUE	Moment of inertia GD ² /4	Starting current ratio	Starting torque ratio	Break-down Torque	Noise Level LW	Net Weight
TYPE	kW	HP	rpm	%	cos φ	A	Nm	Kgm ²	I _p /I _n	M _p /M _n	Mm/Mn	dB(A)	Kg
K90S-6	0.75	1	935	78.9	0.71	1.9	7.7	0.004	6.0	2	2.1	57	25
K90L-6	1.1	1.5	940	81.0	0.73	2.7	11.2	0.006	6.0	2	2.1	57	30
K100L-6	1.5	2	945	82.5	0.73	3.6	15.2	0.016	6.5	2	2.1	61	40
K112M-6	2.2	3	950	84.3	0.74	5.1	22.1	0.039	6.6	2	2.1	65	39
K132S-6	3	4	960	85.6	0.74	6.8	29.8	0.035	6.8	2	2.1	69	61
K132M1-6	4	5.5	960	86.8	0.74	9.0	39.8	0.043	6.8	2	2.1	69	70
K132M2-6	5.5	7.5	960	88.0	0.75	12.0	54.7	0.056	7.0	2	2.1	69	78
K160M-6	7.5	10	970	89.1	0.79	15.4	73.8	0.140	7.0	2	2.1	73	116
K160L-6	11	15	970	90.3	0.80	22.0	108.3	0.192	7.2	2	2.1	73	142
K180L-6	15	20	975	91.2	0.81	29.3	146.9	0.319	7.3	2	2.1	73	188
K200L-6	18.5	25	975	91.7	0.81	36.0	181.2	0.446	7.3	2	2.1	73	234
K200L-6	22	30	975	92.2	0.81	42.5	215.5	0.557	7.4	2	2.1	73	275
K225M-6	30	40	985	92.9	0.83	56.2	290.9	0.832	6.9	2	2.1	74	332
K250M-6	37	50	985	93.3	0.84	68.1	358.7	1.45	7.1	2	2.1	76	422
K280S-6	45	60	985	93.7	0.85	81.6	436.3	2.25	7.3	2	2.0	78	536
K280M-6	55	75	985	94.1	0.86	98.1	533.2	2.73	7.3	2	2.0	78	590
K315S-6	75	100	990	94.6	0.84	136.2	723.5	3.98	6.6	2	2.0	83	848
K315M-6	90	125	990	94.9	0.85	161.0	868.2	4.50	6.7	2	2.0	83	942
K315L-6	110	150	990	95.1	0.85	196.4	1061.1	5.61	6.7	2	2.0	83	980
K315L-6	132	180	990	95.4	0.86	232.2	1273.3	6.93	6.8	2	2.0	83	1140
K355M-6	160	220	990	95.6	0.86	281.0	1543.4	10.5	6.7	1.8	2.0	85	1790
K355M-6	200	270	990	95.8	0.87	346.4	1929.3	12.9	6.8	1.8	2.0	85	1945
K355L-6	250	340	990	95.8	0.87	433.0	2411.6	13.9	6.8	1.8	2.0	85	1960

K-Series - IE3

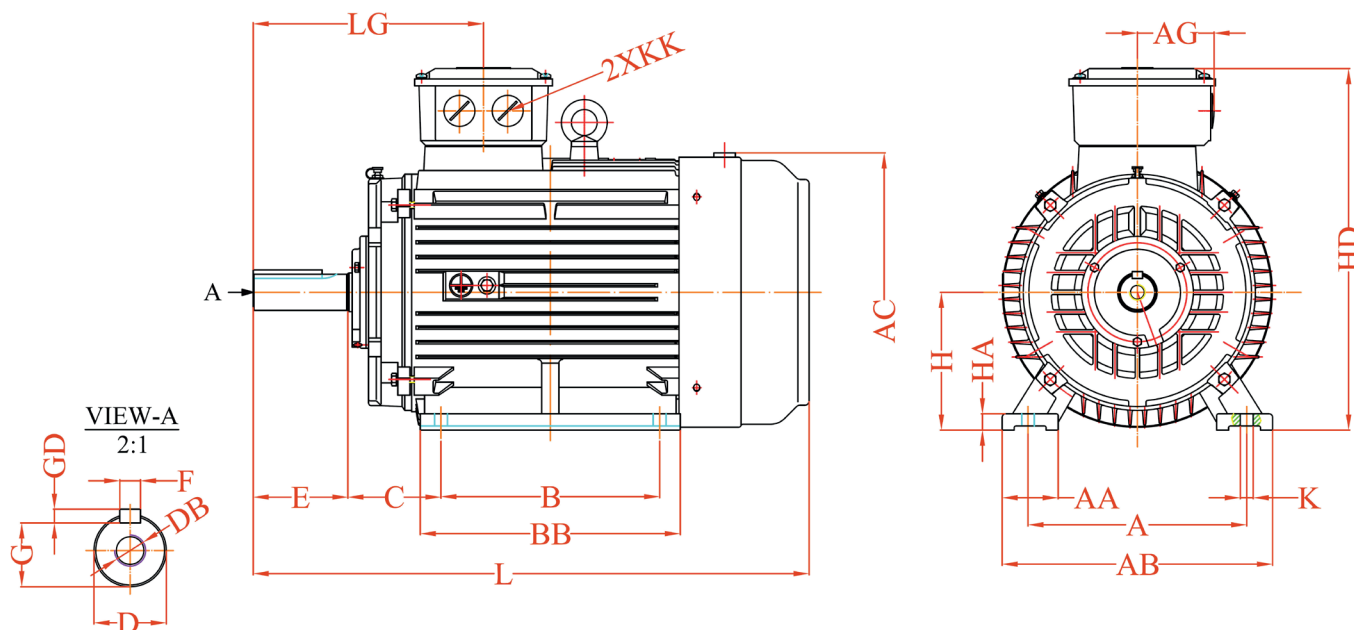
Three-phase motors with squirrel cage, protection degree IP55

8pole-750rpm
 380-420/220-240 V Y/Δ 50 Hz
 660-725/380-420 V Y/Δ 50 Hz
 Insulation Class F

	POWER		SPEED	EFF.	POWER FACTOR	RATED CURRENT (400V)	NOMINAL TORQUE	Moment of inertia GD ² /4	Starting current ratio	Starting torque ratio	Break-down Torque	Noise Level LW	Net Weight
TYPE	kW	HP	rpm	%	cos φ	A	Nm	Kgm ²	Ip/In	Mp/Mn	Mm/Mn	dB(A)	Kg
K132S-8	2.2	3	715	81.9	0.71	5.5	29.4	0.031	6.7	1.8	2	64	60
K132M-8	3	4	715	83.5	0.73	7.1	40.1	0.040	6.9	1.8	2	64	70
K160M-8	4	5.5	725	84.8	0.73	9.3	52.7	0.075	6.9	1.9	2	68	100
K160L-8	5.5	7.5	725	86.2	0.74	12.4	72.4	0.093	6.9	1.9	2	68	120
K160L-8	7.5	10	725	87.3	0.75	16.5	98.8	0.126	6.6	1.9	2	68	130
K180L-8	11	15	735	88.6	0.75	23.9	142.9	0.203	6.6	2.0	2	70	190
K200L-8	15	20	735	89.6	0.76	31.8	194.9	0.339	6.8	2.0	2	73	230
K225S-8	18.5	25	735	90.1	0.76	39.0	240.4	0.491	6.8	1.9	2	73	270
K225M-8	22	30	745	90.6	0.78	44.9	282.0	0.547	7.0	1.9	2	73	300
K250M-8	30	40	745	91.3	0.79	60.0	384.6	0.830	6.7	1.9	2	75	390
K280S-8	37	50	745	91.8	0.79	73.6	474.3	1.390	6.7	1.9	2	76	510
K280M-8	45	60	745	92.2	0.79	89.2	576.8	1.650	6.7	1.9	2	76	560
K315S-8	55	75	745	92.5	0.81	106.0	705.0	4.790	6.8	1.8	2	82	770
K315M-8	75	100	745	93.1	0.81	143.6	961.4	5.580	6.3	1.8	2	82	1000
K315L-8	110	150	745	93.7	0.82	206.6	1410.1	7.230	6.4	1.8	2	82	1060
K355M-8	132	180	745	94.0	0.82	250.2	1692.1	11.73	6.5	1.8	2	89	1680
K355M-8	160	220	745	94.3	0.82	302.4	2051.0	12.48	7.4	1.8	2	89	1760
K355L-8	200	270	745	94.6	0.82	376.7	2563.8	13.85	8.4	1.8	2	89	1990

K-Series - IE3

Dimensions Foot Mount B3

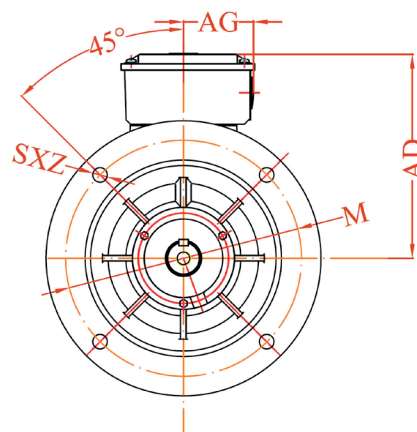
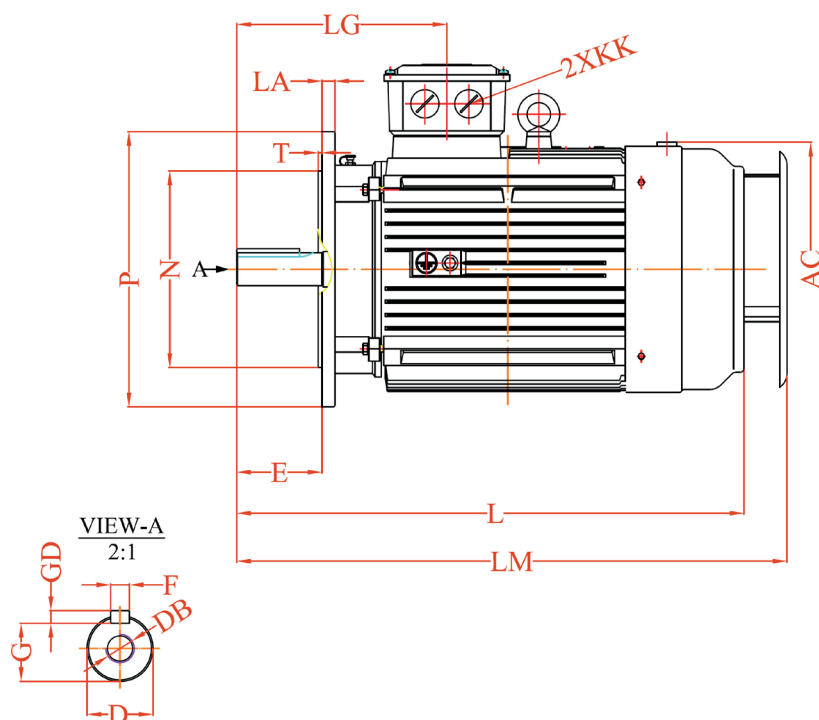


MOUNTING B3
SIZE 80-355

FRAME	POLES	A	AA	AB	AC	AG	B	BB	C	D	DB	E	F	G	GD	H	HA	HD	K	KK	L	LG
K80M	2-8	125	34	165	175	51	100	142	50	19	M6X16	40	6	15.5	6	80	10	235	10	M24X1.5	301	115
K90S	2-8	140	36	180	205	60	100	180	56	24	M8X19	50	8	20	7	90	12.5	260	10	M24X1.5	360	129
K90L	2-8	140	36	180	205	60	125	210	56	24	M8X19	50	8	20	7	90	12.5	260	10	M24X1.5	390	129
K100L	2-8	160	40	205	215	60	140	233	63	28	M10X22	60	8	24	7	100	14	275	12	M24X1.5	433.5	147
K112M	2-8	190	45	230	236	75	140	252	70	28	M10X22	60	8	24	7	112	14	307	12	M30X2	461	144
K132S	2-8	216	52	270	275	75	140	220	89	38	M12X28	80	10	33	8	132	16	347	12	M30X2	491.5	169
K132M	2-8	216	52	270	275	75	178	258	89	38	M12X28	80	10	33	8	132	16	347	12	M30X2	529.5	169
K160M	2-8	254	67	320	330	95	210	305	108	42	M16X36	110	12	37	8	160	19	425	14.5	M36X2	657.5	270
K160L	2-8	254	67	320	330	95	254	325	108	42	M16X36	110	12	37	8	160	19	425	14.5	M36X2	679.5	270
K180M	2-8	279	74	350	380	95	241	330	121	48	M16X36	110	14	42.5	9	180	22	460	14.5	M36X2	721	277
K180L	2-8	279	74	350	380	95	279	370	121	48	M16X36	110	14	42.5	9	180	22	460	14.5	M36X2	769	277
K200L	2-8	318	75	395	420	120	305	370	133	55	M20X42	110	16	49	10	200	25	515	18.5	M48X2	781	298
K225S	4-8	356	80	436	465	120	286	355	149	60	M20X42	140	18	53	11	225	28	560	18.5	M48X2	831	340
K225M	2	356	80	436	465	120	311	380	149	55	M20X42	110	16	49	10	225	28	560	18.5	M48X2	821	310
K225M	4-8	356	80	436	465	120	311	380	149	60	M20X42	140	18	53	11	225	28	560	18.5	M48X2	856	340
K250M	2	406	88	495	520	160	349	440	168	60	M20X42	140	18	53	11	250	33	620	24	M64X2	935	360
K250M	4-8	406	88	495	520	160	349	440	168	65	M20X42	140	18	58	11	250	33	620	24	M64X2	941	360
K280S	2	457	100	550	570	160	368	495	190	65	M20X42	140	18	58	11	280	35	685	24	M64X2	965	350
K280S	4-8	457	100	550	570	160	368	495	190	75	M20X42	140	20	67.5	12	280	35	685	24	M64X2	969	350
K280M	2	457	100	550	570	160	419	535	190	65	M20X42	140	18	58	11	280	35	685	24	M64X2	1005	350
K280M	4-8	457	100	550	570	160	419	535	190	75	M20X42	140	20	67.5	12	280	35	685	24	M64X2	1009	350
K315S	2	508	120	635	650	195	406	515	216	65	M20X42	140	18	58	11	315	45	820	28	M64X2	1145	387
K315M	2	508	120	635	650	195	457	625	216	65	M20X42	140	18	58	11	315	45	820	28	M64X2	1255	387
K315L	2	508	120	635	650	195	508	625	216	65	M20X42	140	18	58	11	315	45	820	28	M64X2	1255	387
K315S	4-8	508	120	635	650	195	406	515	216	80	M20X42	170	22	71	14	315	45	820	28	M64X2	1196	417
K315M	4-8	508	120	635	650	195	457	625	216	80	M20X42	170	22	71	14	315	45	820	28	M64X2	1306	417
K315L	4-8	508	120	635	650	195	508	625	216	80	M20X42	170	22	71	14	315	45	820	28	M64X2	1306	417
K355M	2	610	125	735	735	260	560	775	254	75	M24X50	140	20	67.5	12	355	49	1000	28	M72X2	1490	415
K355L	2	610	125	735	735	260	630	775	254	75	M24X50	140	20	67.5	12	355	49	1000	28	M72X2	1490	415
K355M	4-8	610	125	735	735	260	560	775	254	95	M24X50	170	25	86	14	355	49	1000	28	M72X2	1520	445
K355L	4-8	610	125	735	735	260	630	775	254	95	M24X50	170	25	86	14	355	49	1000	28	M72X2	1520	445
K355L	2	610	125	735	735	260	630	875	254	75	M24X50	140	20	67.5	12	355	49	1000	28	M72X2	1590	415
K355L	4-8	610	125	735	735	260	630	875	254	95	M24X50	170	25	86	14	355	49	1000	28	M72X2	1620	445

K-Series - IE3

Dimensions Flange Mount B5 & V1

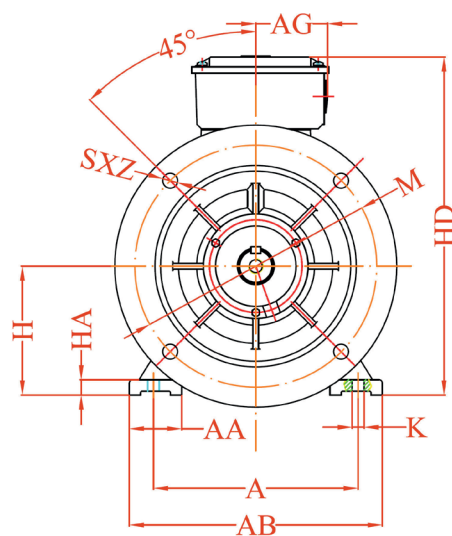
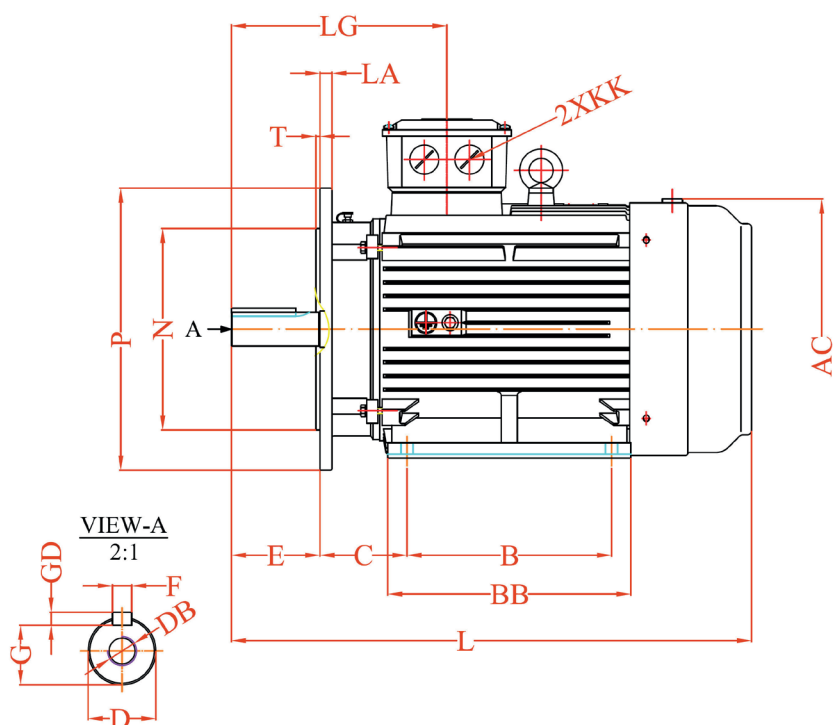


MOUNTING B5-V1
SIZE 80-355

FRAME	POLES	AC	D	AD	AG	DB	E	F	G	GD	LA	LG	M	N	P	S	T	KK	L	LM
K80M	2-8	175	19	155	51	M6X16	40	6	15.5	6	14	115	165	130	200	12	3.5	M24X1.5	301	-
K90S	2-8	205	24	170	60	M8X19	50	8	20	7	12	129	165	130	200	12	3.5	M24X1.5	360	-
K90L	2-8	205	24	170	60	M8X19	50	8	20	7	12	129	165	130	200	12	3.5	M24X1.5	390	-
K100L	2-8	215	28	175	60	M10X22	60	8	24	7	14	147	215	180	250	14.5	4	M24X1.5	433.5	-
K112M	2-8	236	28	195	75	M10X22	60	8	24	7	12	144	215	180	250	14.5	4	M30X2	461	-
K132S	2-8	275	38	215	75	M12X28	80	10	33	8	14	169	265	230	300	14.5	4	M30X2	491.5	-
K132M	2-8	275	38	215	75	M12X28	80	10	33	8	14	169	265	230	300	14.5	4	M30X2	529.5	-
K160M	2-8	330	42	265	95	M16X36	110	12	37	8	15	270	300	250	350	18.5	5	M36X2	657.5	702.5
K160L	2-8	330	42	265	95	M16X36	110	12	37	8	15	270	300	250	350	18.5	5	M36X2	679.5	724.5
K180M	2-8	380	48	280	95	M16X36	110	14	42.5	9	15	277	300	250	350	18.5	5	M36X2	721	766
K180L	2-8	380	48	280	95	M16X36	110	14	42.5	9	15	277	300	250	350	18.5	5	M36X2	769	814
K200L	2-8	420	55	315	120	M20X42	110	16	49	10	17	300	350	300	400	18.5	5	M48X2	781	856
K225S	4-8	465	60	335	120	M20X42	140	18	53	11	19	340	400	350	450	18.5	5	M48X2	831	906
K225M	2	465	55	335	120	M20X42	110	16	49	10	19	310	400	350	450	18.5	5	M48X2	821	896
K225M	4-8	465	60	335	120	M20X42	140	18	53	11	19	340	400	350	450	18.5	5	M48X2	856	931
K250M	2	520	60	370	160	M20X42	140	18	53	11	20	360	500	450	550	18.5	5	M64X2	935	1010
K250M	4-8	520	65	370	160	M20X42	140	18	58	11	20	360	500	450	550	18.5	5	M64X2	941	1016
K280S	2	570	65	405	160	M20X42	140	18	58	11	22	350	500	450	550	18.5	5	M64X2	965	1050
K280S	4-8	570	75	405	160	M20X42	140	20	67.5	12	22	350	500	450	550	18.5	5	M64X2	969	1054
K280M	2	570	65	405	160	M20X42	140	18	58	11	22	350	500	450	550	18.5	5	M64X2	1005	1090
K280M	4-8	570	75	405	160	M20X42	140	20	67.5	12	22	350	500	450	550	18.5	5	M64X2	1009	1094
K315S	2	650	65	505	195	M20X42	140	18	58	11	24	387	600	550	660	24	6	M64X2	1145	1230
K315M	2	650	65	505	195	M20X42	140	18	58	11	24	387	600	550	660	24	6	M64X2	1255	1340
K315L	2	650	65	505	195	M20X42	140	18	58	11	24	387	600	550	660	24	6	M64X2	1255	1340
K315S	4-8	650	80	505	195	M20X42	170	22	71	14	24	417	600	550	660	24	6	M64X2	1196	1281
K315M	4-8	650	80	505	195	M20X42	170	22	71	14	24	417	600	550	660	24	6	M64X2	1306	1391
K315L	4-8	650	80	505	195	M20X42	170	22	71	14	24	417	600	550	660	24	6	M64X2	1306	1391
K355M(V1)	2	735	75	645	260	M24X50	140	20	67.5	12	25	415	740	680	800	24	6	M72X2	1490	1590
K355L(V1)	2	735	75	645	260	M24X50	140	20	67.5	12	25	415	740	680	800	24	6	M72X2	1490	1590
K355M(V1)	4-8	735	95	645	260	M24X50	170	25	86	14	25	445	740	680	800	24	6	M72X2	1520	1620
K355L(V1)	4-8	735	95	645	260	M24X50	170	25	86	14	25	445	740	680	800	24	6	M72X2	1520	1620
K355L	2	735	75	645	260	M24X50	140	20	67.5	12	25	415	740	680	800	24	6	M72X2	1590	1690
K355L	4-8	735	95	645	260	M24X50	170	25	86	14	25	445	740	680	800	24	6	M72X2	1620	1720

K-Series - IE3

Dimensions Foot-Flange Mount B35

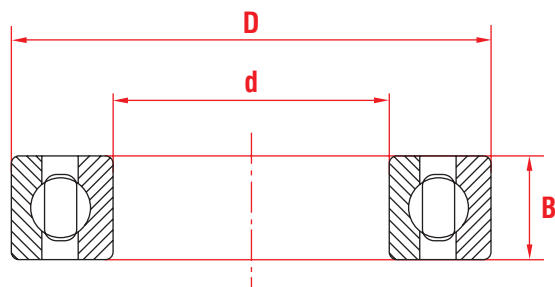


MOUNTING B35
SIZE 80-355

FRAME	POLES	A	AA	AB	AC	AG	B	BB	C	D	DB	E	F	G	GD	H	HA	HD	K	L	LA	LG	M	N	P	S	T	KK
K80M	2-8	125	34	165	175	51	100	142	50	19	M6X16	40	6	15.5	6	80	10	235	10	301	14	115	165	130	200	12	3.5	M24X1.5
K90S	2-8	140	36	180	205	60	100	180	56	24	M8X19	50	8	20	7	90	12.5	260	10	360	12	129	165	130	200	12	3.5	M24X1.5
K90L	2-8	140	36	180	205	60	125	210	56	24	M8X19	50	8	20	7	90	12.5	260	10	390	12	129	165	130	200	12	3.5	M24X1.5
K100L	2-8	160	40	205	215	60	140	233	63	28	M10X22	60	8	24	7	100	14	275	12	433.5	14	147	215	180	250	14.5	4	M24X1.5
K112M	2-8	190	45	230	236	75	140	252	70	28	M10X22	60	8	24	7	112	14	307	12	461	12	144	215	180	250	14.5	4	M30X2
K132S	2-8	216	52	270	275	75	140	220	89	38	M12X28	80	10	33	8	132	16	347	12	491.5	14	169	265	230	300	14.5	4	M30X2
K132M	2-8	216	52	270	275	75	178	258	89	38	M12X28	80	10	33	8	132	16	347	12	529.5	14	169	265	230	300	14.5	4	M30X2
K160M	2-8	254	67	320	330	95	210	305	108	42	M16X36	110	12	37	8	160	19	425	14.5	657.5	15	270	300	250	350	18.5	5	M36X2
K160L	2-8	254	67	320	330	95	254	325	108	42	M16X36	110	12	37	8	160	19	425	14.5	679.5	15	270	300	250	350	18.5	5	M36X2
K180M	2-8	279	74	350	380	95	241	330	121	48	M16X36	110	14	42.5	9	180	22	460	14.5	721	15	277	300	250	350	18.5	5	M36X2
K180L	2-8	279	74	350	380	95	279	370	121	48	M16X36	110	14	42.5	9	180	22	460	14.5	769	15	277	300	250	350	18.5	5	M36X2
K200L	2-8	318	75	395	420	120	305	370	133	55	M20X42	110	16	49	10	200	25	515	18.5	781	17	298	350	300	400	18.5	5	M48X2
K225S	4-8	356	80	436	465	120	286	355	149	60	M20X42	140	18	53	11	225	28	560	18.5	831	19	340	400	350	450	18.5	5	M48X2
K225M	2	356	80	436	465	120	311	380	149	55	M20X42	110	16	49	10	225	28	560	18.5	821	19	310	400	350	450	18.5	5	M48X2
K225M	4-8	356	80	436	465	120	311	380	149	60	M20X42	140	18	53	11	225	28	560	18.5	856	19	340	400	350	450	18.5	5	M48X2
K250M	2	406	88	495	520	160	349	440	168	60	M20X42	140	18	53	11	250	33	620	24	935	20	360	500	450	550	18.5	5	M64X2
K250M	4-8	406	88	495	520	160	349	440	168	65	M20X42	140	18	58	11	250	33	620	24	941	20	360	500	450	550	18.5	5	M64X2
K280S	2	457	100	550	570	160	368	495	190	65	M20X42	140	18	58	11	280	35	685	24	965	22	350	500	450	550	18.5	5	M64X2
K280S	4-8	457	100	550	570	160	368	495	190	75	M20X42	140	20	67.5	12	280	35	685	24	969	22	350	500	450	550	18.5	5	M64X2
K280M	2	457	100	550	570	160	419	535	190	65	M20X42	140	18	58	11	280	35	685	24	1005	22	350	500	450	550	18.5	5	M64X2
K280M	4-8	457	100	550	570	160	419	535	190	75	M20X42	140	20	67.5	12	280	35	685	24	1009	22	350	500	450	550	18.5	5	M64X2
K315S	2	508	120	635	650	195	406	515	216	65	M20X42	140	18	58	11	315	45	820	28	1145	24	387	600	550	660	24	6	M64X2
K315M	2	508	120	635	650	195	457	625	216	65	M20X42	140	18	58	11	315	45	820	28	1255	24	387	600	550	660	24	6	M64X2
K315L	2	508	120	635	650	195	508	625	216	65	M20X42	140	18	58	11	315	45	820	28	1255	24	387	600	550	660	24	6	M64X2
K315S	4-8	508	120	635	650	195	406	515	216	80	M20X42	170	22	71	14	315	45	820	28	1196	24	417	600	550	660	24	6	M64X2
K315M	4-8	508	120	635	650	195	457	625	216	80	M20X42	170	22	71	14	315	45	820	28	1306	24	417	600	550	660	24	6	M64X2
K315L	4-8	508	120	635	650	195	508	625	216	80	M20X42	170	22	71	14	315	45	820	28	1306	24	417	600	550	660	24	6	M64X2
K355M	2	610	125	735	735	260	560	775	254	75	M24X50	140	20	67.5	12	355	49	1000	28	1490	25	415	740	680	800	24	6	M72X2
K355L	2	610	125	735	735	260	630	775	254	75	M24X50	140	20	67.5	12	355	49	1000	28	1490	25	415	740	680	800	24	6	M72X2
K355M	4-8	610	125	735	735	260	560	775	254	95	M24X50	170	25	86	14	355	49	1000	28	1520	25	445	740	680	800	24	6	M72X2
K355L	4-8	610	125	735	735	260	630	775	254	95	M24X50	170	25	86	14	355	49	1000	28	1520	25	445	740	680	800	24	6	M72X2
K355L	2	610	125	735	735	260	630	875	254	75	M24X50	140	20	67.5	12	355	49	1000	28	1590	25	415	740	680	800	24	6	M72X2
K355L	4-8	610	125	735	735	260	630	875	254	95	M24X50	170	25	86	14	355	49	1000	28	1620	25	445	740	680	800	24	6	M72X2

K-Series - IE3

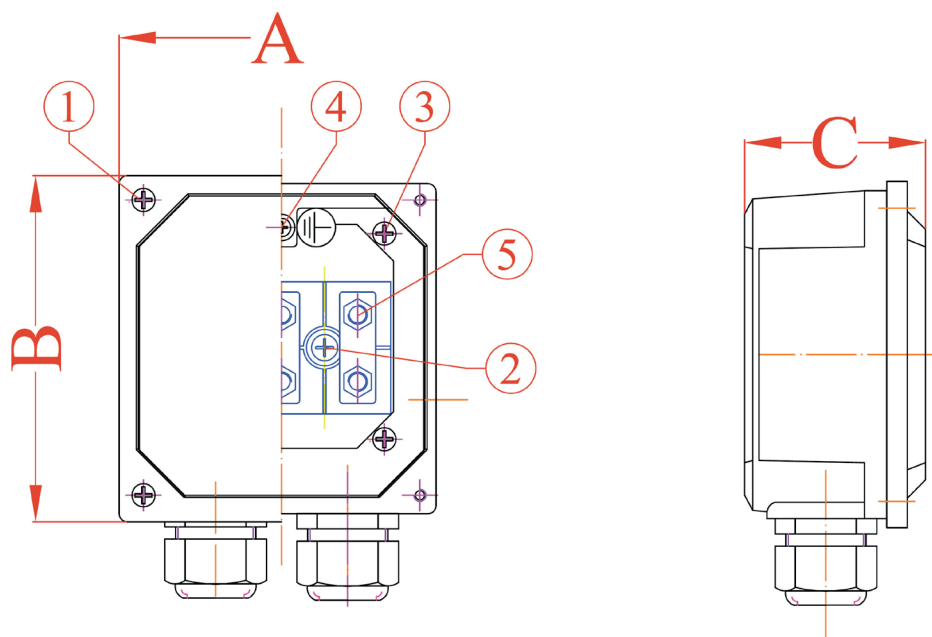
Bearing



MOTOR TYPE	DE	NDE	d	D	B
K80	6204ZZ C3	6204ZZ C3	20	47	14
K90	6205ZZ C3	6205ZZ C3	25	52	15
K100	6206ZZ C3	6206ZZ C3	30	62	16
K112	6306ZZ C3	6306ZZ C3	30	72	19
K132	6308ZZ C3	6308ZZ C3	40	90	23
K160	6309 C3	6309 C3	45	100	25
K180	6311 C3	6311 C3	55	120	29
K200	6312 C3	6312 C3	60	130	31
K225	6313 C3	6313 C3	65	140	33
K250	6314 C3	6314 C3	70	150	35
K280 2P	6314 C3	6314 C3	70	150	35
K280 4-6P	6317 C3	6317 C3	85	180	41
K315 2P	6316 C3	6316 C3	80	170	39
K315 4-6P	6319 C3	6319 C3	95	200	45
K355(2P) (B3,B35)	6319 C3	6319 C3	95	200	45
K355(2P)V1	6319 C3	7319 C3	95	200	45
K355(4-8P) (B3,B35)	6322 C3	6322 C3	110	240	50
K355(4-8P)V1	6322 C3	7322 C3	110	240	50

K-Series - IE3

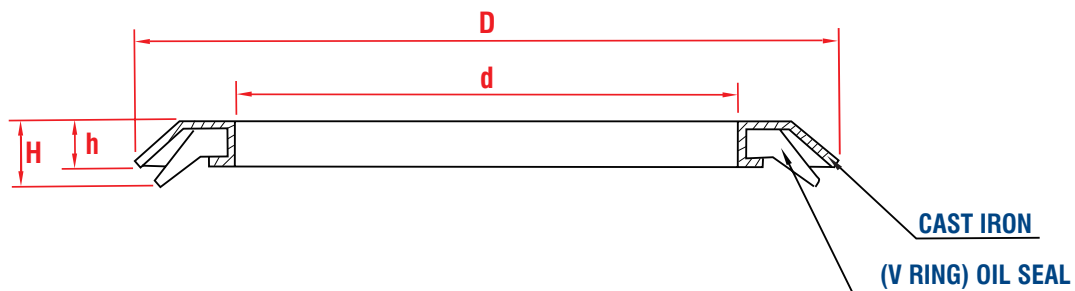
Terminal Box



FRAME	A	B	C	1	2	3	4	5	GLAND SIZE	OUTLET (DIA.)
K80	105	105	65	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
K90-100	113	113	72	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
K112-132	121	129	80	M5X16	M5X25	M5X20	M5X16	M5	2XM30X2	2XΦ15
K160-180	163	173	92	M6X16	M6X25	M6X16	M6X12	M6	2XM36X2	2XΦ25
K200-225	188	208	107	M8X25	M8X35	M8X25	M8X16	M8	2XM48X2	2XΦ36
K250-280	217	246	120	M8X25	M8X35	M8X25	M8X16	M10	2XM64X2	2XΦ51
K315	280	320	165	M10X25	M10X45	M10X30	M10X20	M12	2XM64X2	2XΦ51
K355	350	475	285	M12X30	M12X80	M12X30	M10X25	M20	2XM72X2	2XΦ52

K-Series - IE3

Oil Seal



MOTOR TYPE	OIL SEAL SIZE	d	D	h	H
K80	RB20x35x4.0	Φ20	Φ35	3	6
K90	RB25x40x4.0	Φ25	Φ40	3	6
K100	RB30x47x4.5	Φ30	Φ47	3.5	6.5
K112	RB30x47x4.5	Φ30	Φ47	3.5	6.5
K132	RB40x57x4.5	Φ40	Φ57	3.5	6.5
K160	RB45x62x4.5	Φ45	Φ62	3.5	6.5
K180	RB55x75x5.5	Φ55	Φ75	4.5	6.5
K200	RB60x80x5.5	Φ60	Φ80	4.5	6.5
K225	RB65x85x5.5	Φ65	Φ85	4.5	8
K250	RB70x90x5.5	Φ70	Φ90	4.5	8
K280-2	RB70x90x5.5	Φ70	Φ90	4.5	8
K280-4.6.8	RB85x105x5.5	Φ85	Φ105	4.5	8
K315-2	RB80x100x5.5	Φ80	Φ100	4.5	8
K315-4.6.8	RB95x115x5.5	Φ95	Φ115	4.5	8



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