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SPECIFICHE TECNICHE (50HZ) 2 POLI
TECHNICAL SPECIFICATION (50HZ) 2 POLE

Motor Type	Rated Power		Current A	Rated Speed	Power factor	Efficiency	Locked Current	Locked Torque	Maximum Torque	moment of inertia J	weight
							Rated Current	Rated Torque	Rated Torque		
	KW	HP	400V	r/min	COSØ	η%				kgm²	kg
Y2 63A-2	0.18	0.24	0.50	2720	0.80	65.0	5.5	2.2	2.5	0.00016	10
Y2 63B-2	0.25	0.33	0.65	2730	0.81	68.0	5.5	2.2	2.6	0.00018	11
Y2 71A-2	0.37	0.5	0.94	2770	0.81	70.0	5.5	2.2	2.5	0.00033	14
Y2 71B-2	0.55	0.75	1.3	2810	0.82	73.0	5.5	2.2	2.5	0.00046	15
Y2 80A-2	0.75	1.0	1.7	2835	0.83	75.0	7.0	2.2	2.3	0.00085	16
Y2 80B-2	1.1	1.5	2.5	2835	0.84	77.0	7.0	2.2	2.3	0.0011	17
Y2 90S-2	1.5	2.0	3.3	2840	0.84	79.0	6.4	3.1	3.3	0.00146	22
Y2 90L-2	2.2	3.0	4.6	2855	0.85	81.0	6.2	3.2	3.4	0.00185	25
Y2 100L-2	3.0	4.0	6.0	2865	0.87	83.0	7.5	2.2	2.3	0.00325	33
Y2 112M-2	4.0	5.5	7.7	2860	0.88	85.0	7.5	2.2	2.3	0.0055	40
Y2 132SA-2	5.5	7.5	10.5	2890	0.88	86.0	7.5	2.2	2.3	0.01378	59
Y2 132SB-2	7.5	10	14.1	2890	0.88	87.0	7.5	2.2	2.3	0.01456	62
Y2 160MA-2	11	15	20.1	2925	0.89	88.4	7.5	2.2	2.3	0.0442	107
Y2 160MB-2	15	20	27.2	2931	0.89	89.4	7.5	2.2	2.3	0.0549	117
Y2 160L-2	18.5	25	33.0	2938	0.90	90.0	7.5	2.2	2.3	0.0654	134
Y2 180M-2	22	30	39.0	2950	0.90	90.5	7.5	2.0	2.3	0.0955	169
Y2 200LA-2	30	40	52.6	2950	0.90	91.4	75	2.0	2.3	0.153	220
Y2 200LB-2	37	50	64.5	2950	0.90	92.0	7.5	2.0	2.3	0.173	239
Y2 225M-2	45	60	78.0	2960	0.90	92.5	7.5	2.0	2.3	0.268	297
Y2 250M-2	55	75	95.1	2966	0.90	93.0	7.5	2.0	2.3	0.365	377
Y2 280S-2	75	100	129	2975	0.90	93.6	7.5	2.0	2.3	0.601	510
Y2 280M-2	90	125	152	2965	0.91	93.9	7.5	2.0	2.3	0.683	540
Y2 315S-2	110	150	186	2975	0.91	94.0	7.1	1.8	2.2	1.408	920
Y2 315M-2	132	180	222	2975	0.91	94.5	7.1	1.8	2.2	1.558	970
Y2 315LA-2	160	215	267	2975	0.92	95.0	7.1	1.8	2.2	1.726	1080
Y2 315LB-2	200	270	331	2975	0.92	94.8	7.1	1.8	2.2	1.941	1170
Y2 355M-2	250	340	412	2985	0.92	95.3	7.1	1.6	2.2	3.296	1690
Y2 355LA-2	280	375	460	2980	0.92	95.5	7.1	1.6	2.2	3.849	1775
Y2 355LB-2	315	420	517	2985	0.92	95.6	7.1	1.6	2.2	3.95	1850
Y2 400MA-2	355	475	595	2985	0.90	95.7	7.5	1.6	2.0	7.45	2850
Y2 400MB-2	400	535	668	2985	0.90	96.0	7.6	1.7	2.0	7.95	2950
Y2 400MC-2	450	600	751	2985	0.90	96.1	7.5	1.5	2.0	8.60	3200
Y2 400L-2	500	670	826	2985	0.91	96.2	7.3	1.5	2.0	9.60	3340

SPECIFICHE TECNICHE (50HZ) 4 POLI
TECHNICAL SPECIFICATION (50HZ) 4 POLE

Motor Type	Rated Power		Current A	Rated Speed	Power factor	Efficiency	Locked Current	Locked Torque	Maximum Torque	moment of inertia J	weight
	KW	HP	400V	r/min	COSØ	η%	Rated Current	Rated Torque	Rated Torque	kgm²	kg
Y2 63A-4	0.12	0.16	0.42	1340	0.72	57.0	4.4	2.1	2.2	0.00032	10
Y2 63B-4	0.18	0.24	0.59	1330	0.73	60.0	4.4	2.1	2.2	0.00039	11
Y2 71A-4	0.25	0.33	0.8	1400	0.74	65.0	4.4	2.1	2.2	0.00063	14
Y2 71B-4	0.37	0.5	1.1	1382	0.75	67.0	4.4	2.1	2.2	0.00071	15
Y2 80A-4	0.55	0.75	1.5	1385	0.75	71.0	5.2	2.4	2.5	0.00131	17
Y2 80B-4	0.75	1.0	2.0	1390	0.76	73.0	6.0	2.3	2.5	0.00148	18
Y2 90S-4	1.1	1.5	2.7	1390	0.77	76.2	6.0	2.3	2.5	0.00212	22
Y2 90L-4	1.5	2.0	3.5	1405	0.79	78.5	6.0	2.3	2.5	0.00287	28
Y2 100LA-4	2.2	3.0	4.8	1425	0.81	81.0	7.0	2.3	2.5	0.00606	34
Y2 100LB-4	3.0	4.0	6.4	1430	0.82	82.6	7.0	2.3	2.5	0.00779	38
Y2 112M-4	4.0	5.5	8.4	1435	0.82	84.2	7.0	2.3	2.5	0.01176	44
Y2 132S-4	5.5	7.5	11.2	1445	0.83	85.7	7.0	2.3	2.5	0.02465	61
Y2 132M-4	7.5	10	14.8	1445	0.84	87.0	7.0	2.3	2.5	0.03301	73
Y2 160M-4	11	15	21.4	1451	0.84	88.4	7.0	2.2	2.3	0.0808	113
Y2 160L-4	15	20	28.5	1452	0.85	89.4	7.0	2.2	2.3	0.1052	133
Y2 180M-4	18.5	25	34.3	1465	0.86	90.5	7.5	2.2	2.3	0.1499	167
Y2 180L-4	22	30	40.6	1465	0.86	91.0	7.5	2.2	2.3	0.1659	181
Y2 200L-4	30	40	54.7	1465	0.86	92.0	7.2	2.2	2.3	0.273	232
Y2 225S-4	37	55	66.4	1475	0.87	92.5	7.2	2.2	2.3	0.469	287
Y2 225M-4	45	60	80.5	1475	0.87	92.8	7.2	2.2	2.3	0.538	322
Y2 250M-4	55	75	98.1	1477	0.87	93.0	7.2	2.2	2.3	0.689	381
Y2 280S-4	75	100	133	1485	0.87	93.8	7.2	2.2	2.3	1.267	510
Y2 280M-4	90	125	159	1485	0.87	94.2	7.2	2.2	2.3	1.552	600
Y2 315S-4	110	150	191	1485	0.88	94.5	6.9	2.1	2.2	2.980	921
Y2 315M-4	132	180	228	1485	0.88	94.8	6.9	2.1	2.2	3.480	1002
Y2 315LA-4	160	215	273	1485	0.89	94.9	6.9	2.1	2.2	3.678	1070
Y2 315LB-4	200	270	341	1485	0.89	95.0	6.9	2.1	2.2	4.470	1181
Y2 355M-4	250	340	421	1490	0.90	95.3	6.9	2.1	2.2	7.164	1720
Y2 355LA-4	280	375	470	1490	0.90	95.5	6.9	2.1	2.2	7.903	1850
Y2 355LB-4	315	420	528	1490	0.90	95.6	6.9	2.1	2.2	8.702	1950
Y2 400MA-4	355	475	601	1490	0.89	95.8	6.5	1.6	2.0	14.7	2900
Y2 400MB-4	400	535	676	1490	0.89	95.9	6.4	1.3	2.0	15.2	3000
Y2 400MC-4	450	600	752	1490	0.9	96.0	6.6	1.5	2.0	16.1	3150
Y2 400LA-4	500	670	835	1490	0.9	96.0	6.2	1.3	2.0	17.3	3300
Y2 400LB-4	355	475	956	1490	0.88	96.1	7.4	1.8	2.0	18.6	3460

SPECIFICHE TECNICHE (50HZ) 6 POLI
TECHNICAL SPECIFICATION (50HZ) 6 POLE

Motor Type	Rated Power		Current A	Rated Speed	Power factor	Efficiency	Locked Current	Locked Torque	Maximum Torque	moment of inertia J	weight
	KW	HP	400V	r/min	COSØ	η%	Rated Current	Rated Torque	Rated Torque	kgm²	kg
Y2 71A-6	0.18	0.24	0.70	905	0.66	56.0	4.0	1.9	2.2	0.00091	14
Y2 71B-6	0.25	0.33	0.90	890	0.68	59.0	4.0	1.9	2.2	0.0011	15
Y2 80A-6	0.37	0.5	1.2	905	0.70	62.0	4.7	1.9	2.2	0.00152	17
Y2 80B-6	0.55	0.75	1.7	908	0.72	65.0	4.7	1.9	2.3	0.00194	19
Y2 90S-6	0.75	1.0	2.2	920	0.72	69.0	5.5	2.0	2.3	0.00297	23
Y2 90L-6	1.1	1.5	3.0	920	0.73	72.0	5.5	2.0	2.3	0.00392	25
Y2 100L-6	1.5	2.0	3.8	930	0.75	76.0	5.5	2.0	2.3	0.00745	33
Y2 112M-6	2.2	3.0	5.3	945	0.76	79.0	6.5	2.0	2.3	0.01324	39
Y2 132S-6	3.0	4.0	7.0	965	0.76	81.0	6.5	2.1	2.3	0.02821	56
Y2 132MA-6	4.0	5.5	9.3	965	0.76	82.0	6.5	2.1	2.3	0.03716	71
Y2 132MB-6	5.5	7.5	12.3	965	0.77	84.0	6.5	2.1	2.3	0.04889	75
Y2 160M-6	7.5	10	16.3	968	0.77	86.0	6.5	2.0	2.3	0.0877	108
Y2 160L-6	11	15	23.3	966	0.78	87.5	6.5	2.0	2.3	0.1212	131
Y2 180L-6	15	20	30.0	975	0.81	89.0	7.0	2.0	2.3	0.2086	171
Y2 200LA-6	18.5	25	36.6	975	0.81	90.0	7.0	2.1	2.3	0.302	216
Y2 200LB-6	22	30	42.5	975	0.83	90.0	7.0	2.1	2.3	0.342	225
Y2 225M-6	30	40	56.2	980	0.84	91.5	7.0	2.0	2.3	0.576	292
Y2 250M-6	37	55	67.5	981	0.86	92.0	7.0	2.1	2.3	0.807	408
Y2 280S-6	45	60	81.7	985	0.86	92.5	7.0	2.1	2.3	1.474	465
Y2 280M-6	55	75	99.5	985	0.86	92.8	7.0	2.1	2.3	1.732	540
Y2 315S-6	75	100	135	990	0.86	93.5	7.0	2.0	2.3	3.194	861
Y2 315M-6	90	125	161	985	0.86	93.8	7.0	2.0	2.3	3.723	940
Y2 315LA-6	110	150	196	990	0.86	94.0	6.7	2.0	2.3	4.526	1110
Y2 315LB-6	132	180	232	990	0.87	94.2	6.7	2.0	2.3	5.157	1175
Y2 355MA-6	160	215	278	990	0.88	94.5	6.7	1.9	2.2	9.27	1690
Y2 355MB-6	180	240	312	990	0.88	94.6	6.7	1.9	2.2	9.52	1770
Y2 355M3-6	200	270	346	990	0.88	94.7	6.7	1.9	2.2	10.8	1870
Y2 355LA-6	225	300	389	990	0.88	94.8	6.7	1.9	2.2	11.1	1900
Y2 355LB-6	250	340	432	990	0.88	94.9	6.7	1.9	2.2	11.8	1980
Y2 355LC-6	280	375	483	990	0.88	95.0	6.7	1.9	2.2	12.9	2150
Y2 400MA-6	315	420	549	990	0.87	95.2	6.6	1.4	2.0	21.2	3410
Y2 400MB-6	355	475	617	995	0.87	95.4	6.7	1.2	2.0	23.5	3650
Y2 400LA-6	400	535	686	995	0.88	95.6	7.3	1.5	2.0	26.4	3700
Y2 400LB-6	450	600	770	995	0.88	95.8	6.3	1.2	2.0	28.8	3820
Y2 400LC-6	500	620	855	995	0.88	95.9	7.4	1.6	2.0	31.4	3970

SPECIFICHE TECNICHE (50HZ) 8 POLI
TECHNICAL SPECIFICATION (50HZ) 8 POLE

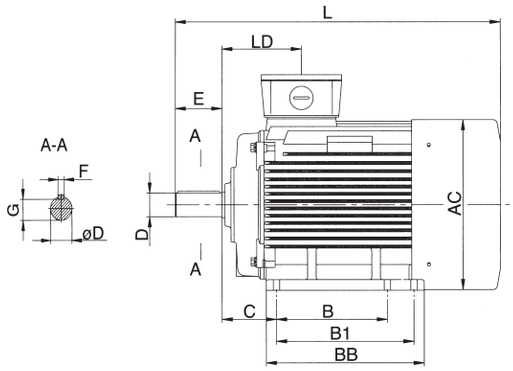
Motor Type	Rated Power		Current A	Rated Speed	Power factor	Efficiency	Locked Current	Locked Torque	Maximum Torque	moment of inertia J	weight
							Rated Current	Rated Torque	Rated Torque		
	KW	HP	400V	r/min	COSØ	η%				kgm²	kg
Y2 80A-8	0.18	0.24	0.84	693	0.61	51.0	3.3	1.8	1.9	0.00173	19
Y2 80B-8	0.25	0.33	1.1	689	0.61	54.0	3.3	1.8	1.9	0.00204	20
Y2 90S-8	0.37	0.5	1.4	690	0.61	62.0	4.0	1.8	1.9	0.00343	24
Y2 90L-8	0.55	0.75	2.1	705	0.61	63.0	4.0	1.8	2.0	0.00425	25
Y2 100LA-8	0.75	1.0	2.3	695	0.67	71.0	4.0	1.8	2.0	0.00598	33
Y2 100LB-8	1.1	1.5	3.2	696	0.69	73.0	5.0	1.8	2.0	0.00745	34
Y2 112M-8	1.5	2.0	4.2	700	0.69	75.0	5.0	1.8	2.0	0.01326	39
Y2 132S-8	2.2	3.0	5.73	715	0.71	78.0	6.0	1.8	2.0	0.02903	62
Y2 132M-8	3.0	4.0	7.51	710	0.73	79.0	6.0	1.8	2.0	0.03828	66
Y2 160MA-8	4.0	5.5	9.8	715	0.73	81.0	6.0	1.9	2.0	0.065	94
Y2 160MB-8	5.5	7.5	12.9	720	0.74	83.0	6.0	2.0	2.2	0.088	106
Y2 160L-8	7.5	10	16.9	720	0.75	85.5	6.0	2.0	2.2	0.1229	128
Y2 180M-8	11	15	23.9	725	0.76	87.5	6.6	2.0	2.2	0.2059	120
Y2 200L-8	15	20	32.4	730	0.76	88.0	6.6	2.0	2.3	0.325	230
Y2 225S-8	18.5	25	38.9	735	0.76	90.0	6.6	1.9	2.0	0.538	272
Y2 225M-8	22	30	45.0	735	0.78	90.5	6.6	1.9	2.0	0.629	294
Y2 250M-8	30	40	60.2	734	0.79	91.0	6.6	1.9	2.0	0.809	370
Y2 280S-8	37	55	73.9	735	0.79	91.5	6.6	1.9	2.0	1.547	475
Y2 280M-8	45	60	89.4	735	0.79	92.0	6.6	1.9	2.0	1.857	555
Y2 315S-8	55	75	106	740	0.81	92.8	6.6	1.8	2.0	3.682	905
Y2 315M-8	75	100	144	740	0.81	93.0	6.6	1.8	2.0	4.959	981
Y2 315LA-8	90	125	169	745	0.82	93.8	6.6	1.8	2.0	5.825	1071
Y2 315LB-8	110	150	206	745	0.82	94.0	6.4	1.8	2.0	6.753	1160
Y2 355MA-8	132	180	248	745	0.82	93.7	6.4	1.8	2.0	12.9	1800
Y2 355MB-8	160	215	299	745	0.82	94.2	6.4	1.8	2.0	14.3	1890
Y2 355LA-8	180	240	332	745	0.83	94.3	6.4	1.8	2.0	15.0	1970
Y2 355LB-8	200	270	368	745	0.83	94.5	6.4	1.8	2.0	15.9	2040
Y2 400MA-8	250	335	462	745	0.82	95.2	6.9	1.4	2.0	27.4	2900
Y2 400MB-8	280	375	518	745	0.82	95.2	6.5	1.3	2.0	28.9	3000
Y2 400LA-8	315	425	561	745	0.85	95.4	6.5	1.3	2.0	30.6	3100
Y2 400LB-8	355	475	630	745	0.85	95.7	5.8	1.2	2.0	32.4	3250
Y2 400LC-8	400	535	713	745	0.85	95.3	5.7	1.1	2.0	34.2	3400

SPECIFICHE TECNICHE (50HZ) 10 POLI
TECHNICAL SPECIFICATION (50HZ) 10 POLE

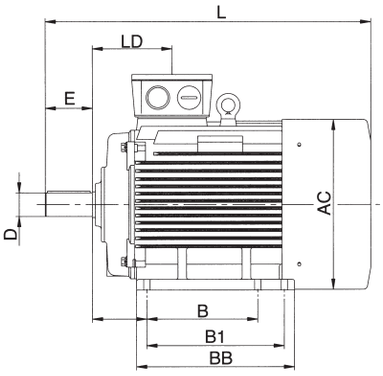
Motor Type	Rated Power		Current A	Rated Speed	Power factor	Efficiency	Locked Current	Locked Torque	Maximum Torque	moment of inertia J	weight
							Rated Current	Rated Torque	Rated Torque		
	KW	HP	400V	r/min	COSØ	η%				kgm²	kg
Y2 80A-10	0.09	0.12	0.60	540	0.48	44.6	2.5	1.8	2.0	0.00173	19
Y2 80B-10	0.12	0.16	0.75	540	0.50	46.7	2.5	1.8	2.0	0.00204	20
Y2 90S-10	0.18	0.24	0.95	545	0.51	53.5	3.0	1.8	2.0	0.00356	25
Y2 90L-10	0.25	0.33	1.3	545	0.51	54.0	3.0	1.8	2.0	0.00436	26
Y2 100LA-10	0.37	0.5	1.6	550	0.54	63.7	3.0	1.8	2.0	0.00640	34
Y2 100LB-10	0.55	0.75	2.3	550	0.54	64.2	3.0	1.8	2.0	0.00845	35
Y2 112M-10	0.75	1.0	2.9	550	0.55	67.6	3.5	1.8	2.0	0.01421	41
Y2 132S-10	1.1	1.5	4.08	555	0.55	70.8	4.0	1.8	2.0	0.02856	64
Y2 132MA-10	1.5	2.0	5.51	555	0.55	71.5	4.0	1.8	2.0	0.03921	68
Y2 132MB-10	2.2	3.0	8.01	555	0.55	72.1	4.0	1.8	2.0	0.04350	69
Y2 160MA-10	3.0	4.0	9.8	560	0.57	77.3	4.5	1.7	2.0	0.0750	96
Y2 160MB-10	4.0	5.5	12.9	560	0.57	78.5	4.5	1.7	2.0	0.0910	108
Y2 160L-10	5.5	7.5	17.5	560	0.57	79.7	4.5	1.7	2.0	0.117	132
Y2 180L-10	7.5	10	19.0	565	0.68	83.7	5.0	1.6	2.2	0.187	176
Y2 200LA-10	11	15	24.2	570	0.76	86.5	5.0	1.1	2.0	0.352	235
Y2 200LB-10	15	20	32.8	570	0.76	86.8	5.0	1.2	2.0	0.368	242
Y2 225M-10	18.5	25	38.7	580	0.77	89.7	5.0	1.4	2.0	0.638	301
Y2 250M-10	22	30	45.3	580	0.78	89.9	5.5	1.2	2.0	0.827	376
Y2 280S-10	30	40	65.5	585	0.73	90.5	4.5	1.7	2.0	1.44	491
Y2 280M-10	37	50	80.7	585	0.73	90.7	4.5	1.8	2.0	1.66	564
Y2 315S-10	45	60	95	590	0.75	91.5	6.0	1.5	2.0	3.556	917
Y2 315M-10	55	75	115	590	0.75	92.0	6.0	1.5	2.0	4.249	998
Y2 315LA-10	75	100	154	590	0.76	92.5	6.0	1.5	2.0	5.543	1088
Y2 315LB-10	90	125	181	590	0.77	93.0	6.0	1.5	2.0	6.428	1177
Y2 355MA-10	110	150	218	590	0.78	93.2	5.5	1.4	2.0	9.4	1820
Y2 355MB-10	132	180	261	590	0.78	93.5	5.5	1.4	2.0	9.5	1910
Y2 355L-10	160	215	317	590	0.78	93.5	5.5	1.4	2.0	9.6	1993
Y2 400MA-10	180	240	346	595	0.79	95.1	5.6	1.2	2.0	27.5	2900
Y2 400MB-10	200	270	379	595	0.8	95.3	5.7	1.2	2.0	28.8	3000
Y2 400LA-10	250	340	466	595	0.81	95.5	5.7	1.1	2.0	30.50	3150
Y2 400LB-10	280	375	521	595	0.81	95.7	5.9	1.2	2.0	33.50	3080
Y2 400LC-10	315	420	585	595	0.81	95.9	5.9	1.2	2.0	33.50	3380

SPECIFICHE TECNICHE (50HZ) 12 POLI
TECHNICAL SPECIFICATION (50HZ) 12 POLE

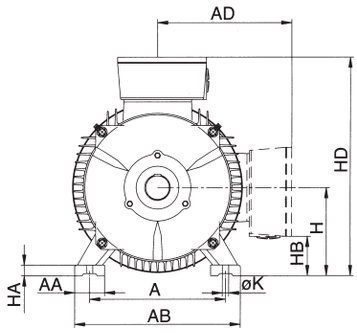
Motor Type	Rated Power		Current A	Rated Speed	Power factor	Efficiency	Locked Current	Locked Torque	Maximum Torque	moment of inertia J	weight
	KW	HP	400V	r/min	COSØ	η%	Rated Current	Rated Torque	Rated Torque	kgm²	kg
Y₂90S-12	0.18	0.24	1.2	460	0.45	46.5	2.5	1.8	2.0	0.00356	25
Y₂90L-12	0.25	0.33	1.6	465	0.46	48.0	2.5	1.8	2.0	0.00436	26
Y₂100LA-12	0.37	0.5	1.9	455	0.52	54.9	2.5	1.6	2.0	0.00634	34
Y₂100LB-12	0.55	0.75	2.7	460	0.52	56.3	2.5	1.6	2.0	0.0085	35
Y₂112M-12	0.75	1.0	3.3	465	0.54	60.4	3.0	1.5	2.0	0.01421	41
Y₂132S-12	1.1	1.5	4.73	470	0.52	64.5	4.0	1.6	2.0	0.02856	64
Y₂132M-12	1.5	2.0	6.38	470	0.52	65.3	4.0	1.6	2.0	0.03921	68
Y₂160M-12	2.2	3.0	8.3	475	0.55	69.9	4.5	1.6	2.0	0.0633	96
Y₂160L-12	3.0	4.0	10.9	480	0.55	72.2	4.5	1.6	2.0	0.114	130
Y₂180M-12	4.0	5.5	13.3	480	0.58	74.8	4.5	1.9	2.2	0.182	173
Y₂180L-12	5.5	7.5	18.2	480	0.58	75.2	4.5	1.9	2.2	0.182	173
Y₂200L-12	7.5	10	18.7	480	0.68	85.2	4.0	1.8	2.0	0.385	275
Y₂225M-12	11	15	27.6	485	0.67	85.8	4.0	1.8	2.0	0.629	298
Y₂250M-12	15	20	37.8	485	0.66	86.8	4.0	1.8	2.2	0.807	375
Y₂280S-12	18.5	25	44.7	485	0.67	89.2	4.0	1.7	2.0	1.35	480
Y₂280M-12	22	30	52.9	485	0.67	89.6	4.0	1.5	2.0	1.65	561
Y₂315S-12	30	40	73	485	0.65	91.2	4.0	1.5	2.0	3.556	912
Y₂315M-12	37	50	90	485	0.65	91.3	4.0	1.5	2.0	4.249	987
Y₂315LA-12	45	60	108	485	0.66	91.4	4.0	1.5	2.0	5.543	1080
Y₂315LB-12	55	75	11	485	0.66	91.5	4.0	1.5	2.0	6.428	1165
Y₂355MA-12	75	100	164	490	0.71	92.8	5.0	1.2	2.0	4.01	1820
Y₂355MB-12	90	125	197	490	0.71	93.0	5.0	1.2	2.0	9.35	1900
Y₂355L-12	110	150	240	490	0.71	93.2	5.0	1.2	2.0	10.4	1975



63-90



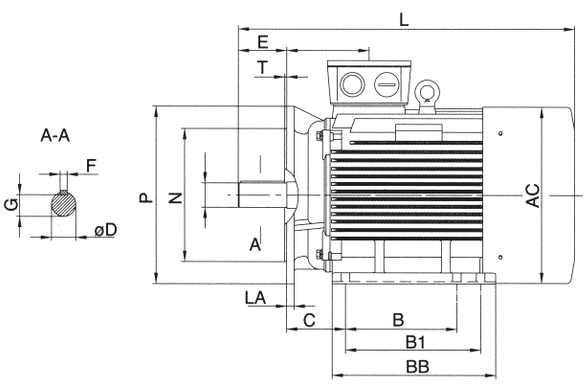
100-560



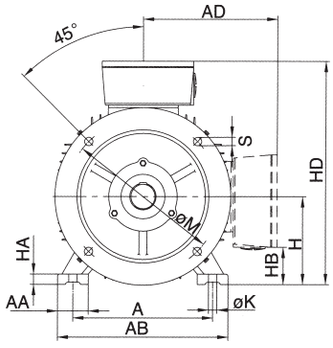
63-560

B3

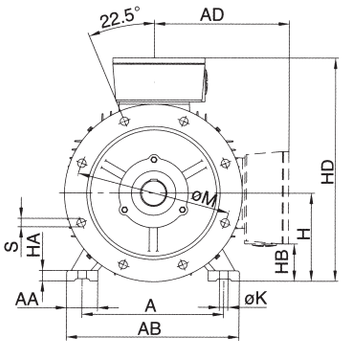
Frame size	Pole	Mounting dimensions (mm)										Overall dimensions (mm)								
		A	B	B1	C	D	E	F	G	H	K	AA	AB	AC	AD	HA	HD	BB	LD	L
63	2.4	100	80	/	40	11	23	4	8.5	63	7	30	135	125	/	10	185	110	65	225
71	2.4.6	112	90	/	45	14	30	5	11	71	7	32	145	140	/	10	200	120	70	250
80	2-12	125	100	/	50	19	40	6	15.5	80	10	35	160	160	145	12	225	130	75	280
90S	2-12	140	100	/	56	24	50	8	20	90	10	36	180	180	155	12	245	140	75	315
90L	2-12	140	125	/	56	24	50	8	20	90	10	36	180	180	155	12	245	165	75	340
100L	2-12	160	140	/	63	28	60	8	24	100	12	40	200	200	180	14	280	175	83	375
112M	2-12	190	140	/	70	28	60	8	24	112	12	45	230	220	190	15	305	180	87	400
132S	2-12	216	140	/	89	38	80	10	33	132	12	55	265	260	220	18	355	190	102	465
132M	2-12	216	178	/	89	38	80	10	33	132	12	55	265	260	220	18	355	230	102	505
160M	2-12	254	210	/	108	42	110	12	37	160	15	65	315	315	265	20	425	260	146	608
160L	2-12	254	254	/	108	42	110	12	37	160	15	65	315	315	265	20	425	305	146	652
180M	2.4	279	241	/	121	48	110	14	42.5	180	15	70	350	360	280	22	460	315	161	690
180L	4-12	279	279	/	121	48	110	14	42.5	180	15	70	350	360	280	22	460	350	161	730
200L	2-12	318	305	/	133	55	110	16	49	200	19	70	390	400	310	25	510	370	186	760
225S	4.8	356	286	/	149	60	140	18	53	225	19	75	435	450	335	28	555	370	189	810
225M	2	356	311	/	149	55	110	16	49	225	19	75	435	450	335	28	555	395	189	805
	4-12	356	311	/	149	60	140	18	53	225	19	75	435	450	335	28	555	395	189	835
250M	2	406	349	/	168	60	140	18	53	250	24	80	485	485	375	30	625	445	207	910
	4-12	406	349	/	168	65	140	18	58	250	24	80	485	485	375	30	625	445	207	910
280S	2	457	368	/	190	65	140	18	58	280	24	85	545	550	405	35	685	490	215	985
	4-12	457	368	/	190	75	140	20	67.5	280	24	85	545	550	405	35	685	490	215	1005
280M	2	457	419	/	190	65	140	18	58	280	24	85	545	550	405	35	685	540	215	1030
	4-12	457	419	/	190	75	140	20	67.5	280	24	85	545	550	405	35	685	540	215	1060
315S	2	508	406	/	216	65	140	18	58	315	28	120	630	625	530	45	845	570	257	1180
	4-12	508	406	/	216	80	170	22	71	315	28	120	630	625	530	45	845	570	257	1210
315M/L	2	508	457	508	216	65	140	18	58	315	28	120	630	625	530	45	845	680	257	1290
	4-12	508	457	508	216	80	170	22	71	315	28	120	630	625	530	45	845	680	257	1320
355M	2	610	500	560	254	75	140	20	67.5	355	28	120	730	700	615	52	970	750	284	1526
	4-12	610	500	560	254	100	210	25	86	355	28	120	730	700	615	52	970	750	284	1596
355L	2	610	560	630	254	75	140	20	67.5	355	28	120	730	700	615	52	970	750	284	1526
	4-12	610	560	630	254	100	210	28	90	355	28	120	730	700	615	52	970	750	284	1596
400M/L	2	686	710	800	280	80	170	22	71	400	35	120	810	810	/	45	1090	1250	362	1850
	4-12	686	710	800	280	110	210	28	100	400	35	120	810	810	/	45	1090	1250	362	1925



63-560



63-200

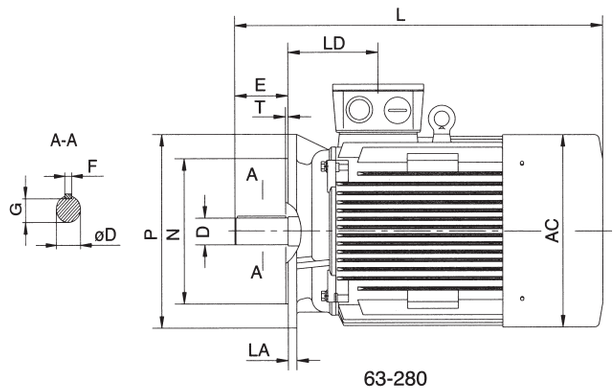


225-560

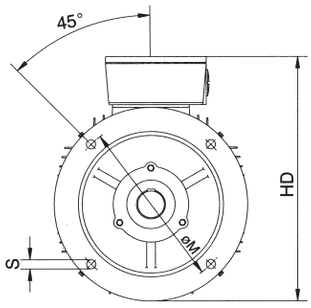
◆ B35

Frame size	Pole	Mounting dimensions (mm)																Overall dimensions (mm)									
		A	B	B1	C	D	E	F	G	H	K	M	N	P	R	S	T	AA	AB	AC	AD	BB	HA	HD	LA	LD	L
80	2-12	125	100	/	50	19	40	6	15.5	80	10	165	130	200	0	4-ø12	4	35	160	160	145	130	12	225	12	75	280
90S	2-12	140	100	/	56	24	50	8	20	90	10	165	130	200	0	4-ø12	4	36	180	175	155	140	12	245	12	75	315
90L	2-12	140	125	/	56	24	50	8	20	90	10	165	130	250	0	4-ø12	4	36	180	175	155	165	12	245	12	75	340
100L	2-12	160	140	/	63	28	60	8	24	100	12	215	180	250	0	4-ø15	4	40	200	200	180	175	14	270	13	83	375
112M	2-12	190	140	/	70	28	60	8	24	112	12	215	180	250	0	4-ø15	4	45	230	225	190	180	15	305	14	87	400
132S	2-12	216	140	/	89	38	80	10	33	132	12	265	230	300	0	4-ø15	4	55	265	260	210	190	18	355	14	102	465
132M	2-12	216	178	/	89	38	80	10	33	132	12	265	230	300	0	4-ø15	4	55	265	260	210	230	18	355	14	102	505
160M	2-12	254	210	/	108	42	110	12	37	160	15	300	250	350	0	4-ø19	5	65	315	315	260	260	20	425	15	146	608
160L	2-12	254	254	/	108	42	110	12	37	160	15	300	250	350	0	4-ø19	5	65	315	315	260	305	20	425	15	146	652
180M	2.4	279	241	/	121	48	110	14	42.5	180	15	300	250	350	0	4-ø19	5	70	350	360	280	315	22	460	15	161	690
180L	4-12	279	279	/	121	48	110	14	42.5	180	15	300	250	350	0	4-ø19	5	70	350	360	280	350	22	460	15	161	730
200L	2-12	318	305	/	133	55	110	16	49	200	19	350	300	400	0	4-ø19	5	70	390	400	305	370	25	510	17	186	760
225S	4.8	356	286	/	149	60	140	18	53	225	19	400	350	450	0	8-ø19	5	75	435	450	335	370	28	555	20	189	810
225M	2	356	311	/	149	55	110	16	49	225	19	400	350	450	0	8-ø19	5	75	435	450	335	395	28	555	20	189	805
	4-12	356	311	/	149	60	140	18	53	225	19	400	350	450	0	8-ø19	5	75	435	450	335	395	28	555	20	189	835
250M	2	406	349	/	168	60	140	18	53	250	24	500	450	550	0	8-ø19	5	80	485	490	365	445	30	625	22	207	910
	4-12	406	349	/	168	65	140	18	58	250	24	500	450	550	0	8-ø19	5	80	485	490	365	445	30	625	22	207	910
280S	2	457	368	/	190	65	140	18	58	280	24	500	450	550	0	8-ø19	5	85	545	550	400	490	35	685	22	215	985
	4-12	457	368	/	190	75	140	20	67.5	280	24	500	450	550	0	8-ø19	5	85	545	550	400	490	35	685	22	215	985
280M	2	457	419	/	190	65	140	18	58	280	24	500	450	550	0	8-ø19	5	85	545	550	400	540	35	685	22	215	1030
	4-12	457	419	/	190	75	140	20	67.5	280	24	500	450	550	0	8-ø19	5	85	545	550	400	540	35	685	22	215	1060
315S	2	508	406	/	216	65	140	18	58	315	28	600	550	660	0	8-ø24	6	120	630	625	555	570	45	845	22	257	1180
	4-12	508	406	/	216	80	170	22	71	315	28	600	550	660	0	8-ø24	6	120	630	625	555	570	45	845	22	257	1210
315M	2	508	457	508	216	65	140	18	58	315	28	600	550	660	0	8-ø24	6	120	630	625	555	680	45	845	22	257	1290
	4-12	508	457	508	216	80	170	22	71	315	28	600	550	660	0	8-ø24	6	120	630	625	555	680	45	845	22	257	1320
355L	2	610	500	560	254	75	140	20	67.5	355	28	740	680	800	0	8-ø24	6	120	730	710	615	750	52	970	25	284	1526
	4-12	610	500	560	254	100	210	25	86	355	28	740	680	800	0	8-ø24	6	120	730	710	615	750	52	970	25	284	1596
400M/L	2	686	710	800	280	80	170	22	71	400	35	940	880	1000	0	8-ø28	6	120	810	810	/	1250	45	1090	25	362	1850
	4-12	686	710	800	280	110	210	28	100	400	35	940	880	1000	0	8-ø28	6	120	810	810	/	1250	45	1090	25	362	1925

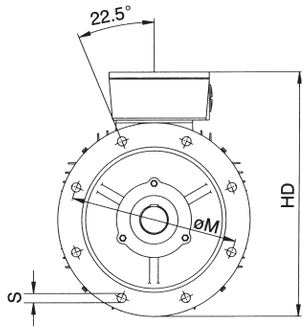
R= distance from flange to shaft shoulder.



63-280



63-200

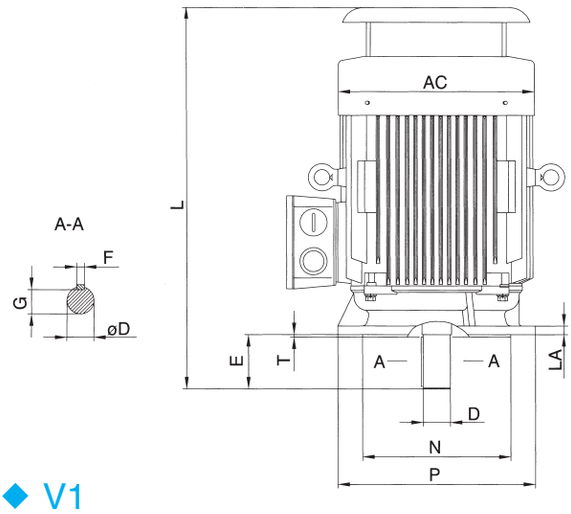


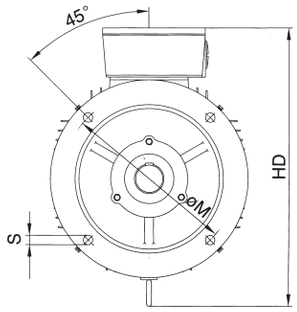
225-280

◆ B5

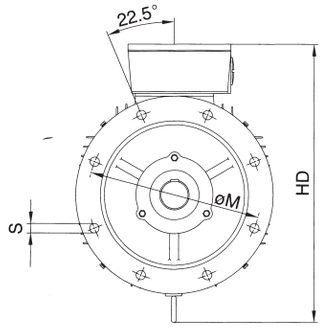
Frame size	Pole	Mounting dimensions (mm)										Overall dimensions (mm)				
		D	E	F	G	M	N	P	R	S	T	AC	HD	LA	LD	L
80M	2-12	19	40	6	15.5	165	130	200	0	4-ø12	4	160	225	12	75	280
90S	2-12	24	50	8	20	165	130	200	0	4-ø12	4	175	245	12	75	315
90L	2-12	24	50	8	20	165	130	200	0	4-ø12	4	175	245	12	75	340
100L	2-12	28	60	8	24	215	180	250	0	4-ø15	4	200	280	13	83	375
112M	2-12	28	60	8	24	215	180	250	0	4-ø15	4	225	305	14	87	400
132S	2-12	38	80	10	33	265	230	300	0	4-ø15	4	260	365	14	102	465
132M	2-12	38	80	10	33	265	230	300	0	4-ø15	4	260	365	14	102	505
160M	2-12	42	110	12	37	300	250	350	0	4-ø19	5	315	445	15	146	600
160L	2-12	42	110	12	37	300	250	350	0	4-ø19	5	315	445	15	146	640
180M	2.4	48	110	14	42.5	300	250	350	0	4-ø19	5	360	480	15	161	690
180L	4-12	48	110	14	42.5	300	250	350	0	4-ø19	5	360	480	15	161	730
200L	2-12	55	110	16	49	350	300	400	0	4-ø19	5	400	530	17	186	760
225S	4.8	60	140	18	53	400	350	450	0	8-ø19	5	450	575	20	189	810
225M	2	55	110	16	49	400	350	450	0	8-ø19	5	450	575	20	189	805
	4-12	60	140	18	53	400	350	450	0	8-ø19	5	450	575	20	189	835
250M	2	60	140	18	53	500	450	550	0	8-ø19	5	490	635	22	207	910
	4-12	65	140	18	58	500	450	550	0	8-ø19	5	490	635	22	207	910
280S	2	65	140	18	58	500	450	550	0	8-ø19	5	550	725	22	215	985
	4-12	65	140	20	67.5	500	450	550	0	8-ø19	5	550	725	22	215	1005
280M	2	65	140	18	58	500	450	550	0	8-ø19	5	550	725	22	215	1030
	4-12	75	140	20	67.5	500	450	550	0	8-ø19	5	550	725	22	215	1060

R= distance from flange to shaft shoulder.





63-200

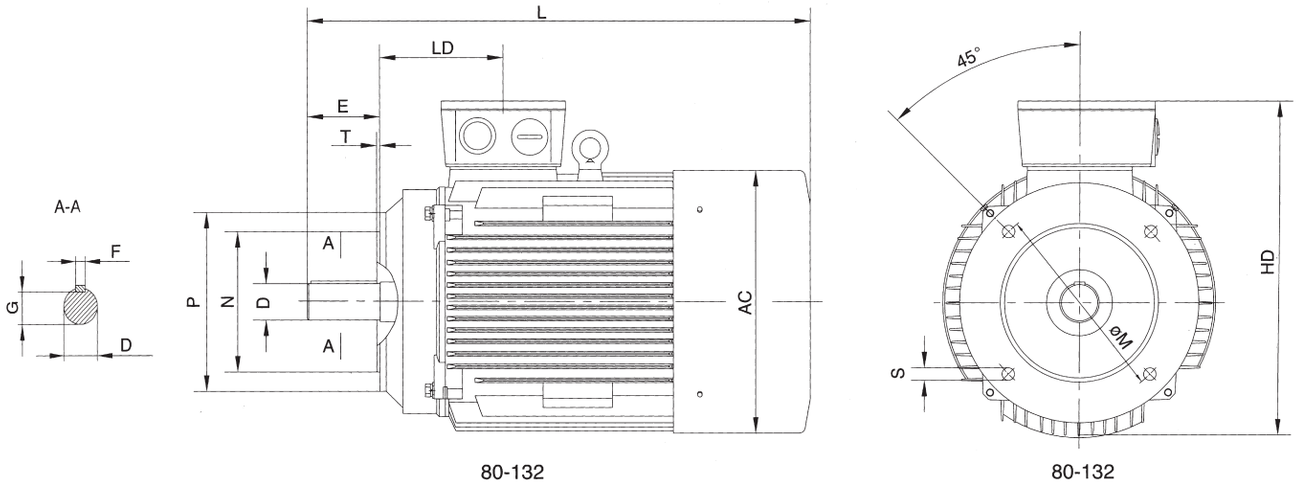


225-560

◆ V1

Frame size	Pole	Mounting dimensions (mm)										Overall dimensions (mm)				
		D	E	F	G	M	N	P	R	S	T	AC	HD	LA	LD	L
80	2-12	19	40	6	15.5	165	130	200	0	4-ø12	4	160	225	12	75	305
90S	2-12	24	50	8	20	165	130	200	0	4-ø12	4	175	245	12	75	345
90L	2-12	24	50	8	20	165	130	200	0	4-ø12	4	175	245	12	75	370
100L	2-12	28	60	8	24	215	180	250	0	4-ø15	4	200	280	13	83	410
112M	2-12	28	60	8	24	215	180	250	0	4-ø15	4	225	305	14	87	450
132S	2-12	38	80	10	33	265	230	300	0	4-ø15	4	260	365	14	102	510
132M	2-12	38	80	10	33	265	230	300	0	4-ø15	4	260	365	14	102	550
160M	2-12	42	110	12	37	300	250	350	0	4-ø19	5	315	445	15	146	660
160L	2-12	42	110	12	37	300	250	350	0	4-ø19	5	315	445	15	146	705
180M	2.4	48	110	14	42.5	300	250	350	0	4-ø19	5	360	480	15	160	750
180L	4-12	48	110	14	42.5	300	250	350	0	4-ø19	5	360	480	15	161	790
200L	2-12	55	110	16	49	350	300	400	0	4-ø19	5	400	530	17	186	840
225S	4.8	60	140	18	53	400	350	450	0	8-ø19	5	450	575	20	189	905
225M	2	55	110	16	49	400	350	450	0	8-ø19	5	450	575	20	189	910
	4-12	60	140	18	53	400	350	450	0	8-ø19	5	450	575	20	189	935
250M	2	60	140	18	53	500	450	550	0	8-ø19	5	490	635	22	207	1005
	4-12	65	140	18	53	500	450	550	0	8-ø19	5	490	635	22	207	1005
280S	2	65	140	18	53	500	450	550	0	8-ø19	5	550	725	22	215	1110
	4-12	75	140	20	67.5	500	450	550	0	8-ø19	5	550	725	22	215	1030
280M	2	65	140	18	58	500	450	550	0	8-ø19	5	550	725	22	215	1155
	4-12	75	140	20	67.5	500	450	550	0	8-ø19	5	550	725	22	215	1185
315S	2	65	140	18	58	600	550	660	0	8-ø24	6	625	865	22	257	1340
	4-12	80	170	22	71	600	550	660	0	8-ø24	6	625	865	22	257	1370
315M/L	2	65	140	18	58	600	550	660	0	8-ø24	6	625	865	22	257	1450
	4-12	80	170	22	71	600	550	660	0	8-ø24	6	625	865	22	257	1480
355M/L	2	75	140	20	67.5	740	680	800	0	8-ø24	6	710	970	25	284	1665
	4-12	95	170	25	86	740	680	800	0	8-ø24	6	710	970	25	284	1740
400M/L	2	80	170	22	71	940	880	1000	0	8-ø28	6	860	1150	25	362	2150
	4-12	110	210	28	100	940	880	1000	0	8-ø28	6	810	1150	25	362	2220

R= distance from flange to shaft shoulder.



80-132 80-132

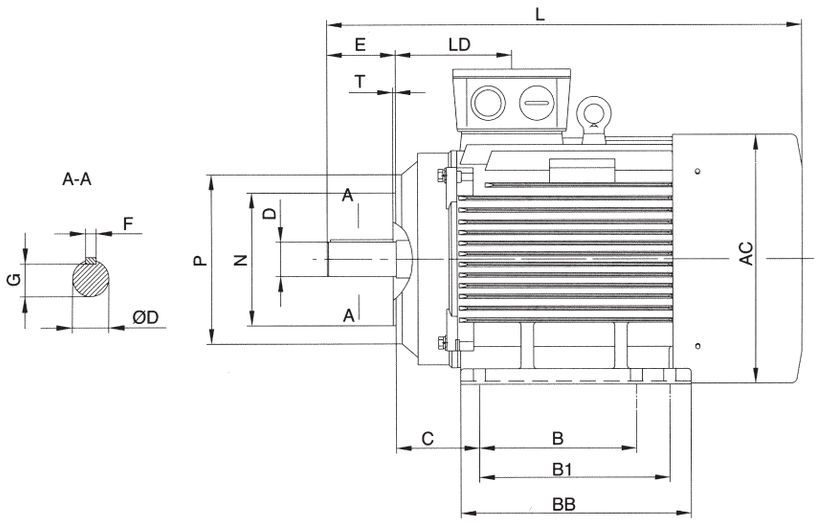
◆ B14A

Frame size	Pole	Mounting dimensions (mm)										Overall dimensions (mm)			
		D	E	F	G	M	N	P	R	S	T	AC	HD	LD	L
63	2.4	11	23	4	8.5	75	60	90	0	4-M5	2.5	125	185	65	225
71	2.4.6	14	30	5	11	85	70	105	0	4-M6	2.5	140	200	70	250
80	2-12	19	40	6	15.5	100	80	120	0	4-M6	3	160	225	75	280
90S	2-12	24	50	8	20	115	95	140	0	4-M8	3	175	245	75	315
90L	2-12	24	50	8	20	115	95	140	0	4-M8	3	175	245	75	340
100L	2-12	28	60	8	24	130	110	160	0	4-M8	3.5	200	280	83	375
112M	2-12	28	60	8	24	130	110	160	0	4-M8	3.5	225	305	87	400
132S	2-12	38	80	10	33	165	130	200	0	4-M10	4	260	365	102	465
132M	2-12	38	80	10	33	165	130	200	0	4-M10	4	260	365	102	505

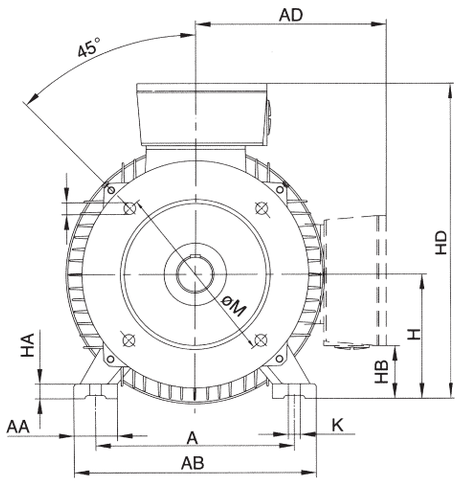
◆ B14B

Frame size	Pole	Mounting dimensions (mm)										Overall dimensions (mm)			
		D	E	F	G	M	N	P	R	S	T	AC	HD	LD	L
63	2.4	11	23	4	8.5	100	80	120	0	4-M6	3	125	185	65	225
71	2.4.6	14	30	5	11	115	95	140	0	4-M8	3	140	200	70	250
80	2-12	19	40	6	15.5	130	110	160	0	4-M8	3.5	160	225	75	280
90S	2-12	24	50	8	20	130	110	160	0	4-M8	3.5	175	245	75	315
90L	2-12	24	50	8	20	130	110	160	0	4-M8	3.5	175	245	75	340
100L	2-12	28	60	8	24	165	130	200	0	4-M10	3.5	200	280	83	375
112M	2-12	28	60	8	24	165	130	200	0	4-M10	3.5	225	305	87	400
132S	2-12	38	80	10	33	215	180	250	0	4-M12	4	260	365	102	465
132M	2-12	38	80	10	33	215	180	250	0	4-M12	4	260	365	102	505

R= distance from flange to shaft shoulder.



80-132



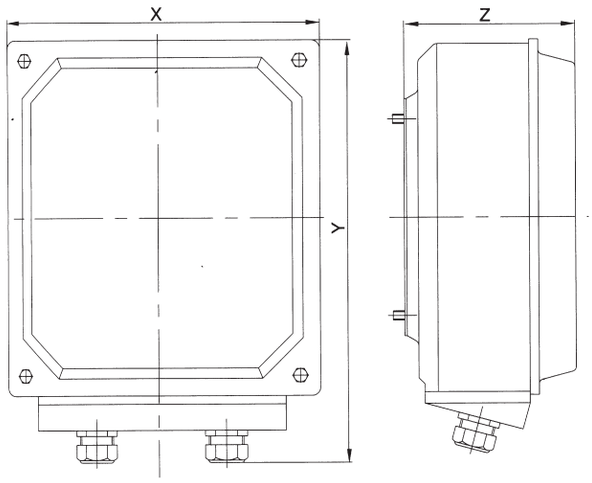
80-132

◆ B34

Frame size	Pole	Mounting dimensions (mm)														Overall dimensions (mm)				
		A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
63M	2.4	100	80	40	11	23	4	8.5	63	7	75	60	90	0	4-M5	2.5	135	125	-	185	225
71M	2.4.6	112	90	45	14	30	5	11	71	7	85	70	105	0	4-M6	2.5	150	140	-	200	250
80M	2-12	125	100	50	19	40	6	15.5	80	10	100	80	120	0	4-M6	3	160	160	145	225	280
90S	2-12	140	100	56	24	50	8	20	90	10	115	95	140	0	4-M8	3	180	175	155	245	315
90L	2-12	140	125	56	24	50	8	20	90	10	115	95	140	0	4-M8	3	180	175	155	245	340
100L	2-12	160	140	63	28	60	8	24	100	12	130	110	160	0	4-M8	3.5	200	200	180	270	375
112M	2-12	190	140	70	28	60	8	24	112	12	130	110	160	0	4-M8	3.5	230	225	190	305	400
132S	2-12	216	140	89	38	80	10	33	132	12	165	130	200	0	4-M10	4	265	260	210	345	465
132M	2-12	216	178	89	38	80	10	33	132	12	165	130	200	0	4-M10	4	265	260	210	345	505

◆ B34

Frame size	Pole	Mounting dimensions (mm)														Overall dimensions (mm)				
		A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
63M	2.4	100	80	40	11	23	4	8.5	63	7	100	80	120	0	4-M6	3	135	125	-	185	225
71M	2.4.6	112	90	45	14	30	5	11	71	7	115	95	140	0	4-M8	3	150	140	-	200	250
80M	2-12	125	100	50	19	40	6	15.5	80	10	130	110	160	0	4-M8	3.5	160	160	145	225	280
90S	2-12	140	100	56	24	50	8	20	90	10	130	110	160	0	4-M8	3.5	180	175	155	245	315
90L	2-12	140	125	56	24	50	8	20	90	10	130	110	160	0	4-M8	3.5	180	175	155	245	340
100L	2-12	160	140	63	28	60	8	24	100	12	165	130	200	0	4-M10	3.5	200	200	180	270	375
112M	2-12	190	140	70	28	60	8	24	112	12	165	130	200	0	4-M10	3.5	230	225	190	305	400
132S	2-12	216	140	89	38	80	10	33	132	12	215	180	250	0	4-M12	4	265	260	210	345	465
132M	2-12	216	178	89	38	80	10	33	132	12	215	180	250	0	4-M12	4	265	260	210	345	505



Frame size	Dia.of the gland mm	X x Y x Z
63~71	1-M20x1.5-6H	95x95x50
80~100	2-M25x1.5-6H	106x108x65
112~132	2-M32x1.5-6H	124x128x78
160~180	2-M40x1.5-6H	158x168x90
200~225	2-M50x1.5-6H	196x216x105
250~280	2-M63x1.5-6H	226x226x124
315	2-M63x1.5-6H	303x303x170
355	4-M63x1.5-6H	360x485x200
400	7-M63x1.5-6H	430x545x275

CUSCINETTI - BEARINGS

B3 B35 B5						
Frame size	Driving End			Non-driving End		
	2 pole	4 pole	>6 pole	2 pole	4 pole	>6 pole
63	6201ZZ	6201ZZ	6201ZZ	6201ZZ	6201ZZ	6201ZZ
71	6202ZZ	6202ZZ	6202ZZ	6202ZZ	6202ZZ	6202ZZ
80	6204ZZ	6204ZZ	6204ZZ	6204ZZ	6204ZZ	6204ZZ
90	6205ZZ/C3	6205ZZ/C3	6205ZZ	6205ZZ/C3	6205ZZ/C3	6205ZZ
100	6206ZZ/C3	6206ZZ/C3	6206ZZ/C3	6206ZZ/C3	6206ZZ/C3	6206ZZ/C3
112	6306ZZ/C3	6306ZZ/C3	6306ZZ/C3	6306ZZ/C3	6306ZZ/C3	6306ZZ/C3
132	6308ZZ/C3	6308ZZ/C3	6308ZZ/C3	6308ZZ/C3	6308ZZ/C3	6308ZZ/C3
160	6309ZZ/C3	6309ZZ/C3	6309ZZ/C3	6309ZZ/C3	6309ZZ/C3	6309ZZ/C3
180	6311ZZ/C3	6311ZZ/C3	6311ZZ/C3	6311ZZ/C3	6311ZZ/C3	6311ZZ/C3
200	6312ZZ/C3	6312ZZ/C3	6312ZZ/C3	6312ZZ/C3	6312ZZ/C3	6312ZZ/C3
225	6313ZZ/C3	6313ZZ/C3	6313ZZ/C3	6313ZZ/C3	6313ZZ/C3	6313ZZ/C3
250	6314ZZ/C3	6314ZZ/C3	6314ZZ/C3	6314ZZ/C3	6314ZZ/C3	6314ZZ/C3
280	6314C3	6317C3	6317C3	6314C3	6317C3	6317C3
315	6317C3	6319C3	6319C3	6317C3/7317B(V1)	6319C3/7319B(V1)	6319C3/7319B(V1)
355	6317C3	6322C3	6322C3	6317C3/7317B(V1)	6320C3/7319B(V1)	6320C3/7319B(V1)
400	6317C3	6326C3	6326C3	6317C3/7317B(V1)	6326C3/7319B(V1)	6326C3/7319B(V1)

V1						
Frame size	Driving End			Non-driving End		
	2 pole	4 pole	>6 pole	2 pole	4 pole	>6 pole
315	6317C3	6319C3(NU319)	6319C3(NU319)	7317	7319	7319
355	6319C3	6322C3(NU322)	6322C3(NU322)	7319	7320	7320
400	6317C3	6326C3(NU326)	6326C3(NU326)	7319	7326	7326

VIBRAZIONI - VIBRATION

Frame size	≤132		>132~225		>225~400	
Synchronous Speed r/min	600~1800	>1800~3600	600~1800	>1800~3600	500~1800	>1800~3600
Vibration Class	Effective Value of speed mm/s					
N	1.8		2.8		3.5	
R	0.71	1.12	1.12	1.80	1.80	2.80
S	0.45	0.71	0.71	1.12	1.12	1.80

RUMOROSITA (50Hz)
NOISE (50Hz)

Output (kW)	Synchronous Speed r/min					
	3000	1500	1000	750	600	500
	Lp dB(A) Sound perssure level in dB(A)					
	no load	no load	no load	no load	no load	no load
0.09	/	/	/	/	40	/
0.12	/	45	/	/	40	/
0.18	50	45	45	42	40	/
0.25	50	46	45	42	40	40
0.37	54	46	46	44	40	44
0.55	54	47	46	44	40	44
0.75	57	47	48	45	43	48
1.1	57	51	48	45	43	54
1.5	62	51	52	48	48	54
2.2	62	52	54	50	50	60
3	66	52	57	51	55	60
4	67	55	57	56	55	60
5.5	70	57	57	56	58	62
7.5	70	57	61	57	58	62
11	76	62	61	59	60	65
15	76	62	61	60	60	69
18.5	76	64	65	62	60	72
22	79	65	65	62	64	72
30	81	66	65	64	64	75
37	81	70	66	65	64	75
45	81	70	68	65	66	75
55	82	72	68	66	66	75
75	83	75	70	66	66	72
90	84	75	70	67	66	72
110	86	78	71	67	68	72
132	86	78	71	72	68	75
160	87	80	72	72	68	75
200	87	80	73	73	68	75
250	90	84	73	73	68	75
315	90	84	76	75	68	75
355	90	84	76	75	70	75
400	94	87	76	75	70	75
450	94	87	76	77	70	75
500	94	89	76	77	72	75
560*	94	89	79	78	72	75
630*	94	91	79	78	72	/
710*	94	92	79	79	74	/
800*	96	92	82	79	74	/
900*	96	92	82	79	74	/
1000*	96	92	82	80	/	/
1120*	96	94	84	80	/	/
1250*	96	94	84	80	/	/
1400*	96	94	84	/	/	/

* a richiesta
* on request

NOTE