▲ MY ML SERIES

SINGLE PHASE TEFC ALUMINIUM
INDUCTION MOTORS

◄ WY SERIES (IE1)

THREE PHASE STANDARD EFFICIENCY
INDUCTION CAST IRON MOTORS

▼ RMS SERIES (IE1)

THREE PHASE REMOVABLE FEET STANDARD
EFFICIENCY ALUMINIUM INDUCTION MOTORS

- ✓ *Energy Saving*
- ✓ *Low Noise*
- ✓ *Environmental Friendly*
- ✓ *IEC Dimension*
- ✓ *Low Vibration*
- ✓ *European Design*

WONDER®

WONDER ELECTRIC MOTOR (S) PTE LTD

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* Data are subjected to revisions without any prior notice.

WY SERIES (IE1)

THREE PHASE STANDARD EFFICIENCY
INDUCTION CAST IRON MOTORS

WY series motor is three phase standard efficiency induction cast iron motor. It's the new replacement of Y series and its efficiency indicators are in compliance with IE1. Compared with Y series, WY series motor boasts the advantages of high efficiency and high starting torque, with lower noise, optimized structure and artistic outline.

The rated output and the mounting dimensions are fully conformed to the standard IEC and DIN 42673 (the same as Y series), WY series motors are suitable for driving various machines or equipments without special requirements.

Characteristics for all WONDER standard 3-Phase asynchronous motors

- Widely applied in general machinery and industries such as pumps & water treatment, road machinery, petroleum, chemical, metallurgy, cement and paper-milling.
- IP55 protection, Class F Insulation, B Temperature rise, S1 duty
- Rated voltage 380V, 400V, 415V, 440V, 460V and 480V
- Rated frequency 50Hz and 60Hz
- Operation conditions: ambient temperature: -20°C ~ 40°C, altitude ≤ 1000m
- Y-connection for motors up to 3KW
- Δ-connection for motors of 4KW and above
- Cooling method is IC411

MOUNTING ARRANGEMENTS

Types	Basic Type of Construction	Derived Types of Construction				
WY71 - 355	IM B3 IM 1001	IM V5 IM 1011	IM V6 IM 1031	IM B6 IM 1051	IM B7 IM 1061	IM B8 IM 1071
WY71 - 355	IM B35 Im2001	IM V15 IM 2011	IM V36 IM 2031	IM 2051	IM 2061	IM 2071
WY71 - 160	IM B34 IM 2101	IM 2111	IM 2131	IM 2151	IM 2161	IM 2171
WY71 - 355	IM B5 IM 3001	IM V1 IM 3011	IM V8 IM 3031			
WY71 - 160	IM B14 IM 3601	IM V18 IM 3611	IM V19 IM 3631			

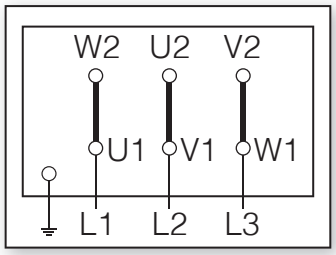
basic types of construction may be used in all derived types of construction.

(*) non-defined mounting by IEC 60034-7

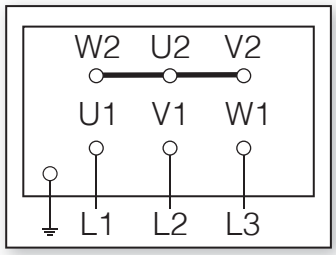
1) for IM V6, IM B6, IM B8 types of construction, inquiry is necessary.

CONNECTION DIAGRAM AND PROTECTION - WY SERIES

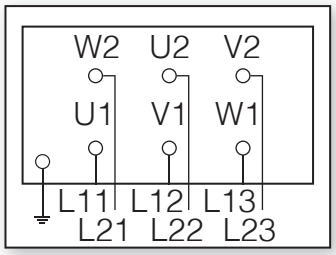
Connection Diagrams (Three Phase Motors with Cage Rotor)



Delta Connection

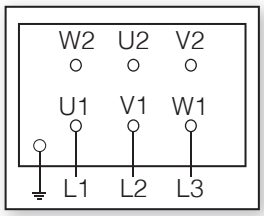


Star Connection

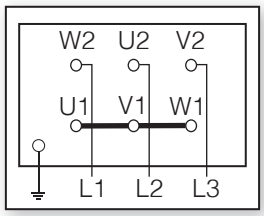


Connection to Star-Delta Starter

Multi-speed motors in Dahlander connection (Tapped winding)

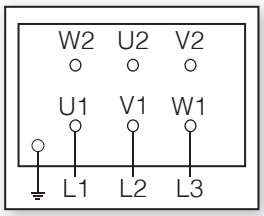


Low Speed

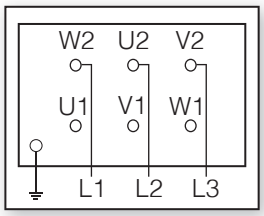


High Speed

Multi-speed motors with 2 separate windings



Low Speed



High Speed

All motors comply to the international standard IEC60034-5. This standard specifies the Degree of Protection of each electric equipment, commonly known as the “IP” code. See table below

Designation of Protection (IEC60034-5)

Designation	First Numeral	Second Numeral
	Protection against contact and ingress of foreign bodies, Protection against hazardous “Live” parts and moving mechanical parts.	Protection against water
	5. Ingress of dust is not totally prevented, but dust shall not interfere with the satisfactory operation of equipment. A probe of 1mm diameter shall not penetrate the enclosure.	5. Water projected in jets against the enclosure from any direction will have no harmful effects.
	6. No ingress of dust.	6. Water projected in power jets shall have no harmful effects.
IP55	Dust protected	Jetting water
IP56	Dust protected	Powerful jetting
IP65	Dust tight	Jetting water
IP66	Dust tight	Powerful jetting

TECHNICAL SPECIFICATIONS - WY SERIES 2 Poles 50Hz

IE1

Motor Type	Rated Power		Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
2 Poles	KW	HP	380V	400V	415V	r/min	%	cosΦ	Ratio			N.M	Kgm^2	Kg
WY711-2	0.37	0.5	0.99	0.94	0.91	2750	70.0*	0.81	6.1	2.2	2.2	1.28	0.0005	14
WY712-2	0.55	0.75	1.40	1.33	1.28	2790	73.0*	0.82	6.1	2.2	2.3	1.88	0.00063	14
WY801-2	0.75	1	1.85	1.76	1.70	2845	74.0	0.83	6.1	2.2	2.3	2.52	0.00083	15
WY802-2	1.1	1.5	2.62	2.49	2.40	2840	76.0	0.84	7.0	2.2	2.3	3.70	0.0010	16
WY90S-2	1.5	2	3.47	3.30	3.18	2840	78.0	0.84	7.0	2.2	2.3	5.04	0.0012	22
WY90L-2	2.2	3	4.92	4.67	4.50	2840	80.0	0.85	7.0	2.2	2.3	7.40	0.0014	25
WY100L-2	3	4	6.42	6.10	5.88	2870	82.0	0.87	7.5	2.2	2.3	9.98	0.0029	33
WY112M-2	4	5.5	8.22	7.81	7.53	2890	84.0	0.88	7.5	2.2	2.3	13.22	0.0050	40
WY132S1-2	5.5	7.5	11.16	10.60	10.22	2910	85.0	0.88	7.5	2.2	2.3	18.05	0.0104	59
WY132S2-2	7.5	10	15.05	14.30	13.78	2905	86.3	0.88	7.5	2.2	2.3	24.66	0.0121	62
WY160M1-2	11	15	21.58	20.50	19.76	2935	88.0	0.88	7.5	2.2	2.3	35.79	0.0370	107
WY160M2-2	15	20	29.00	27.55	26.60	2935	89.0	0.88	7.5	2.2	2.3	48.81	0.0432	117
WY160L-2	18.5	25	35.20	33.44	32.20	2935	89.5	0.89	7.5	2.2	2.3	60.20	0.0525	134
WY180M-2	22	30	41.60	39.50	38.00	2940	90.0	0.89	7.5	2	2.3	71.46	0.071	169
WY200L1-2	30	40	56.00	53.20	51.30	2945	91.1	0.89	7.5	2	2.3	97.28	0.119	220
WY200L2-2	37	50	69.00	65.55	63.20	2945	91.5	0.89	7.5	2	2.3	119.98	0.133	239
WY225M-2	45	60	83.30	79.20	76.30	2950	92.2	0.89	7.5	2	2.3	145.68	0.221	297
WY250M-2	55	75	101.0	96.00	92.70	2965	92.7	0.89	7.5	2	2.3	177.15	0.305	380
WY280S-2	75	100	138.0	131.1	126.0	2965	93.2	0.89	7.5	2	2.3	241.57	0.584	510
WY280M-2	90	125	161.0	153	147.0	2965	93.5	0.91	7.5	2	2.3	289.88	0.665	540
WY315S-2	110	150	195.8	186	179.3	2975	93.8	0.91	7.1	1.8	2.2	353.11	1.13	920
WY315M-2	132	180	234.7	223	214.9	2975	94.0	0.91	7.1	1.8	2.2	423.73	1.75	970
WY315L1-2	160	215	281.0	267	257.0	2975	94.1	0.92	7.1	1.8	2.2	513.61	2.01	1080
WY315L2-2	200	270	350.0	332.5	321.0	2975	94.3	0.92	7.1	1.8	2.2	642.02	2.27	1170
WY355M-2	250	340	435.8	414	399.0	2975	94.8	0.92	7.1	1.6	2.2	802.52	3.296	1690
WY355L-2	315	430	547.4	520	501.2	2990	95.1	0.92	7.1	1.6	2.2	1006.10	3.95	1850

* Defined by Wonder
All values of current indicated have a tolerance level of ± 3%
Efficiencies according to the indirect method of IEC 60034-2-1:2007 with stray load losses determined from measurement.

IST = Locked Rotor Current
IFL = Full Load Current
TM = Maximum Torque
TFL = Full Load Torque
TST = Locked Rotor Torque

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TECHNICAL SPECIFICATIONS - WY SERIES 4 POLES 50Hz

IE1

Motor Type	Rated Power		Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
4 Poles	KW	HP	380V	400V	415V	r/min	%	cosΦ	Ratio			N.M	Kgm^2	Kg
WY711-4	0.25	0.33	0.79	0.75	0.72	1350	65.0*	0.74	5.2	2.1	2.2	1.8	0.0011	14.0
WY712-4	0.37	0.5	1.12	1.06	1.02	1340	67.0*	0.75	5.2	2.1	2.2	2.6	0.0012	14
WY801-4	0.55	0.75	1.57	1.49	1.44	1390	71.0*	0.75	5.2	2.4	2.3	3.8	0.00130	15
WY802-4	0.75	1	2.06	1.96	1.89	1380	72.6	0.76	6.0	2.3	2.3	5.2	0.00150	16
WY90S-4	1.1	1.5	2.91	2.76	2.66	1390	75.7	0.76	6.0	2.3	2.3	7.6	0.0020	22
WY90L-4	1.5	2	3.75	3.56	3.43	1390	78.0	0.78	6.0	2.3	2.3	10.3	0.0030	27
WY100L1-4	2.2	3	5.22	4.96	4.78	1410	80.0	0.80	7.0	2.3	2.3	14.9	0.0054	34
WY100L2-4	3	4	6.86	6.52	6.28	1410	82.0	0.81	7.0	2.3	2.3	20.3	0.0067	35
WY112M-4	4	5.5	8.80	8.36	8.06	1440	83.9	0.82	7.0	2.3	2.3	26.5	0.0091	44
WY132S-4	5.5	7.5	12.00	11.4	11.00	1445	85.0	0.82	7.0	2.3	2.3	36.3	0.0205	61
WY132M-4	7.5	10	15.68	14.9	14.36	1445	86.4	0.84	7.0	2.3	2.3	49.6	0.0296	73
WY160M-4	11	15	22.63	21.5	20.72	1460	88.0	0.84	7.0	2.2	2.3	72.0	0.0724	113
WY160L-4	15	20	30.50	28.96	27.90	1460	89.0	0.84	7.5	2.2	2.3	98.1	0.0929	133
WY180M-4	18.5	25	36.30	34.5	33.20	1470	90.0	0.86	7.5	2.2	2.3	120.2	0.1650	137
WY180L-4	22	30	43.00	40.85	39.40	1470	90.3	0.86	7.5	2.2	2.3	142.9	0.196	181
WY200L-4	30	40	58.0	55.1	53.0	1470	91.3	0.86	7.2	2.2	2.3	194.9	0.245	232
WY225S-4	37	50	70.20	66.7	64.30	1475	92.0	0.87	7.2	2.2	2.3	239.6	0.390	287
WY225M-4	45	60	85.10	80.8	78.00	1475	92.3	0.87	7.2	2.2	2.3	291.4	0.450	322
WY250M-4	55	75	104.0	98.8	95.00	1475	92.5	0.87	7.2	2.2	2.3	356.1	0.640	385
WY280S-4	75	100	140.0	133	128.2	1485	93.5	0.87	7.2	2.2	2.3	482.3	1.045	510
WY280M-4	90	125	167.0	158.7	153.0	1485	93.8	0.87	7.2	2.2	2.3	578.8	1.396	600
WY315S-4	110	150	202.1	192	185.1	1485	94.0	0.88	6.9	2.1	2.2	707.4	2.98	930
WY315M-4	132	180	242.1	230	221.7	1485	94.2	0.88	6.9	2.1	2.2	848.9	3.48	1010
WY315L1-4	160	215	289.0	274.6	265.0	1485	94.5	0.89	6.9	2.1	2.2	1029.0	3.96	1070
WY315L2-4	200	270	361.1	343	330.6	1485	94.6	0.89	6.9	2.1	2.2	1286.2	4.47	1170
WY355M-4	250	340	445.3	423	407.7	1490	94.8	0.90	6.9	2.1	2.2	1602.3	7.640	1720
WY355L-4	315	430	558.9	531	511.8	1490	95.2	0.90	6.9	2.1	2.2	2019.0	8.702	1950

* Defined by Wonder
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TM = Maximum Torque
TFL = Full Load Torque
TST = Locked Rotor Torque

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TECHNICAL SPECIFICATIONS - WY SERIES 6 POLES 50Hz

IE1

Motor Type	Rated Power		Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
6 Poles	KW	HP	380V	400V	415V	r/min	%	cosΦ	Ratio			N.M	Kgm^2	Kg
WY711-6	0.18	0.24	0.74	0.70	0.67	865	56.0*	0.66	4.0	1.9	2.0	2.0	0.0011	13
WY712-6	0.25	0.33	0.95	0.90	0.87	865	59.0*	0.68	4.0	1.9	2.0	2.8	0.0012	14
WY801-6	0.37	0.5	1.29	1.23	1.19	885	62.0*	0.70	4.7	1.9	2.0	4.0	0.0016	15
WY802-6	0.55	0.75	1.79	1.70	1.64	885	65.0*	0.72	4.7	1.9	2.1	5.9	0.002	16
WY90S-6	0.75	1	2.26	2.15	2.07	915	70.0	0.72	5.5	2.0	2.1	7.8	0.003	23
WY90L-6	1.1	1.5	3.14	2.98	2.87	915	72.9	0.73	5.5	2.0	2.1	11.5	0.004	25
WY100L-6	1.5	2	4.02	3.82	3.68	910	75.5	0.75	5.5	2.0	2.1	15.7	0.0069	33
WY112M-6	2.2	3	5.61	5.33	5.14	940	78.4	0.76	6.5	2.0	2.1	22.4	0.0071	39
WY132S-6	3	4	7.49	7.12	6.86	960	80.0	0.76	6.5	2.1	2.1	29.8	0.0274	56
WY132M1-6	4	5.5	9.81	9.32	8.98	960	81.5	0.76	6.5	2.1	2.1	39.8	0.0343	71
WY132M2-6	5.5	7.5	13.05	12.40	11.95	960	83.3	0.77	6.5	2.1	2.1	54.7	0.0431	75
WY160M-6	7.5	10	17.37	16.50	15.90	970	85.0	0.77	6.5	2.0	2.1	73.8	0.08	108
WY160L-6	11	15	24.63	23.40	22.55	970	87.0	0.78	6.5	2.0	2.1	108.3	0.108	131
WY180L-6	15	20	31.80	30.21	29.12	970	88.4	0.81	7.0	2.0	2.1	147.7	0.167	171
WY200L1-6	18.5	25	39.00	37.05	35.70	975	89.0	0.81	7.0	2.1	2.1	181.2	0.302	216
WY200L2-6	22	30	44.95	42.70	41.16	975	89.5	0.83	7.0	2.1	2.1	215.5	0.342	225
WY225M-6	30	40	59.79	56.80	54.75	980	90.7	0.84	7.0	2.0	2.1	292.3	0.525	286
WY250M-6	37	50	71.47	67.90	65.45	980	91.5	0.86	7.0	2.1	2.1	360.6	0.807	380
WY280S-6	45	60	86.42	82.10	79.13	980	92.0	0.86	7.0	2.1	2.0	438.5	1.334	465
WY280M-6	55	75	105.3	100.0	96.39	980	92.3	0.86	7.0	2.1	2.0	536.0	1.598	540
WY315S-6	75	100	142.1	135.0	130.1	990	92.9	0.86	7.0	2.0	2.0	723.5	3.94	861
WY315M-6	90	125	170.5	162.0	156.1	990	93.2	0.86	7.0	2.0	2.0	868.2	4.58	940
WY315L1-6	110	150	207.4	197.0	189.9	990	93.5	0.86	6.7	2.0	2.0	1061.1	5.23	1110
WY315L2-6	132	180	246.3	234.0	225.5	990	93.7	0.87	6.7	2.0	2.0	1273.3	5.54	1175
WY355M1-6	160	215	293.7	279.0	268.9	990	94.0	0.88	6.7	1.9	2.0	1543.4	9.27	1690
WY355M2-6	200	270	366.3	348.0	335.4	990	94.3	0.88	6.7	1.9	2.0	1929.3	10.8	1870
WY355L-6	250	340	456.8	434.0	418.3	990	94.5	0.88	6.7	1.9	2.0	2411.6	11.8	1980

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IFL = Full Load Current
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TFL = Full Load Torque
TST = Locked Rotor Torque

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TECHNICAL SPECIFICATIONS - WY SERIES 8 POLES 50Hz

IE1

Motor Type	Rated Power		Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
8 Poles	KW	HP	380V	400V	415V	r/min	%	cosΦ	Ratio			N.M	Kgm^2	Kg
WY801-8	0.18	0.24	0.88	0.84	0.81	645	51.0*	0.61	3.3	1.8	1.9	2.7	0.0018	16.0
WY802-8	0.25	0.33	1.16	1.10	1.06	645	54.0*	0.61	3.3	1.8	1.9	3.7	0.0021	17
WY90S-8	0.37	0.5	1.52	1.44	1.39	670	62.0*	0.60	4.0	1.8	1.9	5.3	0.00300	24
WY90L-8	0.55	0.75	2.21	2.10	2.02	670	63.0*	0.60	4.0	1.8	2.0	7.8	0.00400	26
WY100L1-8	0.75	1	2.55	2.42	2.33	680	66.7	0.67	4.0	1.8	2.0	10.5	0.0063	33
WY100L2-8	1.1	1.5	3.46	3.29	3.17	680	69.9	0.69	5.0	1.8	2.0	15.4	0.0097	34
WY112M-8	1.5	2	4.53	4.30	4.14	700	73.0	0.69	5.0	1.8	2.0	20.5	0.0120	39
WY132S-8	2.2	3	6.19	5.88	5.67	710	76.1	0.71	6.0	1.8	2.0	29.6	0.0290	62
WY132M-8	3	4	7.99	7.59	7.32	710	78.2	0.73	6.0	1.8	2.0	40.4	0.0380	66
WY160M1-8	4	5.5	10.39	9.87	9.51	720	80.1	0.73	6.0	1.9	2.0	53.1	0.0649	94
WY160M2-8	5.5	7.5	13.79	13.1	12.63	720	82.0	0.74	6.0	2.0	2.0	73.0	0.0821	106
WY160L-8	7.5	10	18.11	17.2	16.58	720	83.7	0.75	6.0	2.0	2.0	99.5	0.1141	128
WY180L-8	11	15	25.68	24.4	23.52	730	85.6	0.76	6.6	2.0	2.0	143.9	0.1870	170
WY200L-8	15	20	34.42	32.7	31.52	730	87.1	0.76	6.6	2.0	2.0	196.2	0.3250	220
WY225S-8	18.5	25	42.00	39.9	38.46	730	88.0	0.76	6.6	1.9	2.0	242.0	0.481	270
WY225M-8	22	30	48.32	45.9	44.24	730	88.7	0.78	6.6	1.9	2.0	287.8	0.531	295
WY250M-8	30	40	64.21	61.0	58.80	730	89.9	0.79	6.6	1.9	2.0	392.5	0.809	370
WY280S-8	37	50	78.53	74.6	71.90	735	90.6	0.79	6.6	1.9	2.0	480.7	1.381	475
WY280M-8	45	60	94.95	90.2	86.94	735	91.2	0.79	6.6	1.9	2.0	584.7	1.721	555
WY315S-8	55	75	112.6	107	103.1	735	91.8	0.81	6.6	1.8	2.0	714.6	4.590	905
WY315M-8	75	100	151.6	144	138.8	735	92.7	0.81	6.6	1.8	2.0	974.5	5.360	981
WY315L1-8	90	125	178.9	170	163.9	735	93.0	0.82	6.6	1.8	2.0	1169.4	6.11	1070
WY315L2-8	110	150	217.9	207	199.5	735	93.5	0.82	6.4	1.8	2.0	1429.3	6.55	1160
WY355M1-8	132	180	261.1	248	239.0	745	93.8	0.82	6.4	1.8	2.0	1692.1	12.90	1800
WY355M2-8	160	215	314.7	299	288.2	745	94.1	0.82	6.4	1.8	2.0	2051.0	14.30	1890
WY355L-8	200	270	389.5	370	356.6	745	94.1	0.83	6.4	1.8	2.0	2563.8	15.900	2040

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TECHNICAL SPECIFICATIONS - WY SERIES 2 POLES 60Hz

IE1

Motor Type	Rated Power		Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
2 Poles	KW	HP	440V	460V	480V	r/min	%	cosΦ	Ratio			N.M	Kgm^2	Kg
WY711-2	0.37	0.5	0.85	0.82	0.78	3300	70.0*	0.81	6.1	2.2	2.2	1.07	0.0005	14
WY712-2	0.55	0.75	1.21	1.16	1.11	3348	73.0*	0.82	6.1	2.2	2.3	1.57	0.00063	14
WY801-2	0.75	1	1.60	1.53	1.47	3414	74.0	0.83	6.1	2.2	2.3	2.10	0.00083	15
WY802-2	1.1	1.5	2.26	2.17	2.08	3408	76.0	0.84	7.0	2.2	2.3	3.08	0.0010	16
WY90S-2	1.5	2	3.00	2.87	2.75	3408	78.0	0.84	7.0	2.2	2.3	4.20	0.0012	22
WY90L-2	2.2	3	4.25	4.06	3.89	3408	80.0	0.85	7.0	2.2	2.3	6.16	0.0014	25
WY100L-2	3	4	5.55	5.30	5.08	3444	82.0	0.87	7.5	2.2	2.3	8.32	0.0029	33
WY112M-2	4	5.5	7.10	6.79	6.51	3468	84.0	0.88	7.5	2.2	2.3	11.01	0.0050	40
WY132S1-2	5.5	7.5	9.64	9.22	8.83	3492	85.0	0.88	7.5	2.2	2.3	15.04	0.0104	59
WY132S2-2	7.5	10	13.00	12.43	11.92	3486	86.3	0.88	7.5	2.2	2.3	20.55	0.0121	62
WY160M1-2	11	15	18.64	17.83	17.08	3522	88.0	0.88	7.5	2.2	2.3	29.83	0.0370	107
WY160M2-2	15	20	25.00	23.90	22.80	3520	89.0	0.88	7.5	2.2	2.3	40.67	0.0432	117
WY160L-2	18.5	25	30.30	29.13	27.70	3520	89.5	0.89	7.5	2.2	2.3	50.16	0.0525	134
WY180M-2	22	30	36.00	34.43	33.00	3525	90.0	0.89	7.5	2	2.3	59.55	0.071	169
WY200L1-2	30	40	48.30	46.20	44.20	3530	91.1	0.89	7.5	2	2.3	81.07	0.119	220
WY200L2-2	37	50	59.60	57.00	54.60	3530	91.5	0.89	7.5	2	2.3	99.99	0.133	239
WY225M-2	45	60	72.00	68.87	66.00	3540	92.2	0.89	7.5	2	2.3	121.40	0.221	280
WY250M-2	55	75	87.10	83.30	79.70	3555	92.7	0.89	7.5	2	2.3	147.63	0.305	380
WY280S-2	75	100	119.0	113.8	109.0	3555	93.2	0.89	7.5	2	2.3	201.31	0.584	510
WY280M-2	90	125	139.0	133	127.0	3555	93.5	0.91	7.5	2	2.3	241.57	0.665	540
WY315S-2	110	150	169.1	162	155.0	3570	93.8	0.91	7.1	1.8	2.2	294.26	1.13	920
WY315M-2	132	180	202.7	194	185.8	3570	94.0	0.91	7.1	1.8	2.2	353.11	1.75	970
WY315L1-2	160	215	242.0	231.5	222.0	3570	94.1	0.92	7.1	1.8	2.2	428.01	2.01	1080
WY315L2-2	200	270	302.0	288.9	277.0	3570	94.3	0.92	7.1	1.8	2.2	535.01	2.27	1170
WY355M-2	250	340	376.4	360	345.0	3570	94.8	0.92	7.1	1.6	2.2	668.77	3.296	1690
WY355L-2	315	430	472.7	452	433.3	3588	95.1	0.92	7.1	1.6	2.2	838.42	3.95	1850

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TECHNICAL SPECIFICATIONS - WY SERIES 4 POLES 60Hz

IE1

Motor Type	Rated Power		Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
4 Poles	KW	HP	440V	460V	480V	r/min	%	cosΦ	Ratio			N.M	Kgm^2	Kg
WY711-4	0.25	0.33	0.68	0.65	0.63	1620	65.0*	0.74	5.2	2.1	2.2	1.5	0.0011	14.0
WY712-4	0.37	0.5	0.96	0.92	0.88	1608	67.0*	0.75	5.2	2.1	2.2	2.2	0.0012	14
WY801-4	0.55	0.75	1.35	1.30	1.24	1668	71.0*	0.75	5.2	2.4	2.3	3.1	0.00130	15
WY802-4	0.75	1	1.78	1.70	1.63	1656	72.6	0.76	6.0	2.3	2.3	4.3	0.00150	16
WY90S-4	1.1	1.5	2.51	2.40	2.30	1668	75.7	0.76	6.0	2.3	2.3	6.3	0.0020	22
WY90L-4	1.5	2	3.24	3.10	2.97	1668	78.0	0.78	6.0	2.3	2.3	8.6	0.0030	27
WY100L1-4	2.2	3	4.51	4.31	4.13	1692	80.0	0.80	7.0	2.3	2.3	12.4	0.0054	34
WY100L2-4	3	4	5.93	5.67	5.43	1692	82.0	0.81	7.0	2.3	2.3	16.9	0.0067	35
WY112M-4	4	5.5	7.59	7.26	6.95	1725	83.9	0.82	7.0	2.3	2.3	22.1	0.0091	44
WY132S-4	5.5	7.5	10.30	9.85	9.50	1730	85.0	0.82	7.0	2.3	2.3	30.4	0.0205	61
WY132M-4	7.5	10	13.55	12.96	12.42	1734	86.4	0.84	7.0	2.3	2.3	41.3	0.0296	73
WY160M-4	11	15	19.55	18.70	17.92	1750	88.0	0.84	7.0	2.2	2.3	60.0	0.0724	113
WY160L-4	15	20	26.30	25.16	24.00	1750	89.0	0.84	7.5	2.2	2.3	81.9	0.0929	133
WY180M-4	18.5	25	31.30	29.90	28.70	1760	90.0	0.86	7.5	2.2	2.3	100.4	0.1650	137
WY180L-4	22	30	37.00	35.40	34.00	1760	90.3	0.86	7.5	2.2	2.3	119.4	0.196	181
WY200L-4	30	40	50.00	47.83	46.00	1760	91.3	0.86	7.2	2.2	2.3	162.8	0.245	232
WY225S-4	37	50	60.60	58.00	55.60	1770	92.0	0.87	7.2	2.2	2.3	199.6	0.390	287
WY225M-4	45	60	73.50	70.30	67.40	1770	92.3	0.87	7.2	2.2	2.3	242.8	0.450	322
WY250M-4	55	75	89.80	85.90	82.30	1770	92.5	0.87	7.2	2.2	2.3	296.8	0.640	385
WY280S-4	75	100	120.9	115.7	110.8	1780	93.5	0.87	7.2	2.2	2.3	402.4	1.045	510
WY280M-4	90	125	144.0	137.7	132.0	1780	93.8	0.87	7.2	2.2	2.3	482.9	1.396	600
WY315S-4	110	150	174.5	167.0	160.0	1780	94.0	0.88	6.9	2.1	2.2	590.2	2.98	930
WY315M-4	132	180	209.1	200.0	191.7	1780	94.2	0.88	6.9	2.1	2.2	708.2	3.48	1010
WY315L1-4	160	215	250.0	239.1	229.0	1780	94.5	0.89	6.9	2.1	2.2	858.4	3.96	1070
WY315L2-4	200	270	311.8	298.3	285.8	1780	94.6	0.89	6.9	2.1	2.2	1073.0	4.47	1170
WY355M-4	250	340	384.5	367.8	352.5	1788	94.8	0.90	6.9	2.1	2.2	1335.3	7.640	1720
WY355L-4	315	430	482.7	461.7	442.5	1788	95.2	0.90	6.9	2.1	2.2	1682.5	8.702	1950

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TECHNICAL SPECIFICATIONS - WY SERIES 6 POLES 60Hz

IE1

Motor Type	Rated Power		Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
6 Poles	KW	HP	440V	460V	480V	r/min	%	cosΦ	Ratio			N.M	Kgm^2	Kg
WY711-6	0.18	0.24	0.64	0.61	0.58	1038	56.0*	0.66	4.0	1.9	2.0	1.7	0.0011	13
WY712-6	0.25	0.33	0.82	0.78	0.75	1038	59.0*	0.68	4.0	1.9	2.0	2.3	0.0012	14
WY801-6	0.37	0.5	1.12	1.07	1.03	1062	62.0*	0.70	4.7	1.9	2.0	3.3	0.0016	15
WY802-6	0.55	0.75	1.55	1.48	1.42	1062	65.0*	0.72	4.7	1.9	2.1	4.9	0.002	16
WY90S-6	0.75	1	1.95	1.87	1.79	1098	70.0	0.72	5.5	2.0	2.1	6.5	0.003	23
WY90L-6	1.1	1.5	2.71	2.59	2.48	1098	72.9	0.73	5.5	2.0	2.1	9.6	0.004	25
WY100L-6	1.5	2	3.47	3.32	3.18	1092	75.5	0.75	5.5	2.0	2.1	13.1	0.0069	33
WY112M-6	2.2	3	4.85	4.63	4.44	1128	78.4	0.76	6.5	2.0	2.1	18.6	0.0071	39
WY132S-6	3	4	6.47	6.19	5.93	1152	80.0	0.76	6.5	2.1	2.1	24.9	0.0274	56
WY132M1-6	4	5.5	8.47	8.10	7.77	1152	81.5	0.76	6.5	2.1	2.1	33.2	0.0343	71
WY132M2-6	5.5	7.5	11.3	10.8	10.3	1152	83.3	0.77	6.5	2.1	2.1	45.6	0.0431	75
WY160M-6	7.5	10	15.0	14.3	13.8	1160	85.0	0.77	6.5	2.0	2.1	61.7	0.08	108
WY160L-6	11	15	21.3	20.3	19.5	1160	87.0	0.78	6.5	2.0	2.1	90.6	0.108	131
WY180L-6	15	20	27.5	26.3	25.2	1160	88.4	0.81	7.0	2.0	2.1	123.5	0.167	171
WY200L1-6	18.5	25	33.7	32.23	30.8	1170	89.0	0.81	7.0	2.1	2.1	151.0	0.302	216
WY200L2-6	22	30	38.8	37.1	35.6	1170	89.5	0.83	7.0	2.1	2.1	179.6	0.342	225
WY225M-6	30	40	51.6	49.4	47.3	1176	90.7	0.84	7.0	2.0	2.1	243.6	0.525	286
WY250M-6	37	50	61.7	59.0	56.6	1176	91.5	0.86	7.0	2.1	2.1	300.5	0.807	380
WY280S-6	45	60	74.6	71.4	68.4	1176	92.0	0.86	7.0	2.1	2.0	365.4	1.334	465
WY280M-6	55	75	90.9	87.0	83.3	1176	92.3	0.86	7.0	2.1	2.0	446.6	1.598	540
WY315S-6	75	100	122.7	117.4	112.5	1188	92.9	0.86	7.0	2.0	2.0	602.9	3.94	861
WY315M-6	90	125	147.3	140.9	135.0	1188	93.2	0.86	7.0	2.0	2.0	723.5	4.58	940
WY315L1-6	110	150	179.1	171.3	164.2	1188	93.5	0.86	6.7	2.0	2.0	884.3	5.23	1110
WY315L2-6	132	180	212.7	203.5	195.0	1188	93.7	0.87	6.7	2.0	2.0	1061.1	5.54	1175
WY355M1-6	160	215	253.6	242.6	232.5	1188	94.0	0.88	6.7	1.9	2.0	1286.2	9.27	1690
WY355M2-6	200	270	316.4	302.6	290.0	1188	94.3	0.88	6.7	1.9	2.0	1607.7	10.8	1870
WY355L-6	250	340	394.5	377.4	361.7	1188	94.5	0.88	6.7	1.9	2.0	2009.7	11.8	1980

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TECHNICAL SPECIFICATIONS - WY SERIES 8 POLES 60Hz

IE1

Motor Type	Rated Power		Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
8 Poles	KW	HP	440V	460V	480V	r/min	%	cosΦ	Ratio			N.M	Kgm^2	Kg
WY801-8	0.18	0.24	0.76	0.73	0.70	774	51.0*	0.61	3.3	1.8	1.9	2.2	0.0018	16
WY802-8	0.25	0.33	1.00	0.96	0.92	774	54.0*	0.61	3.3	1.8	1.9	3.1	0.0021	17
WY90S-8	0.37	0.5	1.31	1.25	1.20	804	62.0*	0.60	4.0	1.8	1.9	4.4	0.0030	24
WY90L-8	0.55	0.75	1.91	1.83	1.75	804	63.0*	0.60	4.0	1.8	2.0	6.5	0.004	26
WY100L1-8	0.75	1	2.20	2.10	2.02	816	66.7	0.67	4.0	1.8	2.0	8.8	0.006	33
WY100L2-8	1.1	1.5	2.99	2.86	2.74	816	69.9	0.69	5.0	1.8	2.0	12.9	0.010	34
WY112M-8	1.5	2	3.91	3.74	3.58	840	73.0	0.69	5.0	1.8	2.0	17.1	0.0120	39
WY132S-8	2.2	3	5.35	5.11	4.90	852	76.1	0.71	6.0	1.8	2.0	24.7	0.0290	62
WY132M-8	3	4	6.90	6.60	6.33	852	78.2	0.73	6.0	1.8	2.0	33.6	0.0380	66
WY160M1-8	4	5.5	8.97	8.58	8.23	864	80.1	0.73	6.0	1.9	2.0	44.2	0.0649	94
WY160M2-8	5.5	7.5	11.91	11.39	10.92	864	82.0	0.74	6.0	2.0	2.0	60.8	0.0821	106
WY160L-8	7.5	10	15.64	14.96	14.33	864	83.7	0.75	6.0	2.0	2.0	82.9	0.11	128
WY180L-8	11	15	22.18	21.22	20.33	876	85.6	0.76	6.6	2.0	2.0	119.9	0.187	170
WY200L-8	15	20	29.73	28.43	27.25	876	87.1	0.76	6.6	2.0	2.0	163.5	0.325	220
WY225S-8	18.5	25	36.27	34.70	33.25	876	88.0	0.76	6.6	1.9	2.0	201.7	0.481	270
WY225M-8	22	30	41.73	39.91	38.25	876	88.7	0.78	6.6	1.9	2.0	239.8	0.531	295
WY250M-8	30	40	55.45	53.04	50.83	876	89.9	0.79	6.6	1.9	2.0	327.1	0.809	370
WY280S-8	37	50	67.82	64.87	62.17	882	90.6	0.79	6.6	1.9	2.0	400.6	1.381	475
WY280M-8	45	60	82.00	78.43	75.17	882	91.2	0.79	6.6	1.9	2.0	487.2	1.721	555
WY315S-8	55	75	97.27	93.04	89.17	882	91.8	0.81	6.6	1.8	2.0	595.5	4.590	905
WY315M-8	75	100	130.9	125.2	120.0	882	92.7	0.81	6.6	1.8	2.0	812.1	5.36	981
WY315L1-8	90	125	154.5	147.8	141.7	882	93.0	0.82	6.6	1.8	2.0	974.5	6.11	1070
WY315L2-8	110	150	188.2	180.0	172.5	882	93.5	0.82	6.4	1.8	2.0	1191.0	6.55	1160
WY355M1-8	132	180	225.5	215.7	206.7	894	93.8	0.82	6.4	1.8	2.0	1410.1	12.90	1800
WY355M2-8	160	215	271.8	260.0	249.2	894	94.1	0.82	6.4	1.8	2.0	1709.2	14.30	1890
WY355L-8	200	270	336.4	321.7	308.3	894	94.1	0.83	6.4	1.8	2.0	2136.5	15.9	2040

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TECHNICAL SPECIFICATIONS - WY SERIES 10 POLES 50Hz IE1

Motor Type	Rated Power		Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
10 Poles	KW	HP	380V	400V	415V	r/min	%	cosϕ	Ratio			N.M	Kgm²	Kg
WY315S-10	45	60	99.68	94.70	91.28	590	91.5	0.75	6.2	1.5	2.0	728.4	5.1	890
WY315M-10	55	75	121.1	115.0	110.8	590	92.0	0.75	6.2	1.5	2.0	890.3	6.1	965
WY315L1-10	75	100	162.1	154.0	148.4	590	92.5	0.76	6.2	1.5	2.0	1214.0	6.9	1040
WY315L2-10	90	125	190.5	181.0	174.5	590	93.0	0.77	6.2	1.5	2.0	1456.8	7.2	1130
WY355M1-10	110	150	229.5	218.0	210.1	590	93.2	0.78	6.0	1.3	2.0	1780.5	9.4	1820
WY355M2-10	132	180	274.7	261.0	251.6	590	93.5	0.78	6.0	1.3	2.0	2136.6	9.5	1910
WY355L-10	160	215	332.6	316.0	304.6	590	93.5	0.78	6.0	1.3	2.0	2589.8	9.6	1993

TECHNICAL SPECIFICATIONS - WY SERIES 10 POLES 60Hz IE1

Motor Type	Rated Power		Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
10 Poles	KW	HP	440V	460V	480V	r/min	%	cosϕ	Ratio			N.M	Kgm²	Kg
WY315S-10	45	60	86.09	82.35	78.92	708	91.5	0.75	6.2	1.5	2.0	607.0	5.1000	890
WY315M-10	55	75	104.5	100.0	95.83	708	92.0	0.75	6.2	1.5	2.0	741.9	6.1000	965
WY315L1-10	75	100	140.0	133.9	128.3	708	92.5	0.76	6.2	1.5	2.0	1011.7	6.9000	1040
WY315L2-10	90	125	164.5	157.4	150.8	708	93.0	0.77	6.2	1.5	2.0	1214.0	7.200	1130
WY355M1-10	110	150	198.2	189.6	181.7	708	93.2	0.78	6.0	1.3	2.0	1483.8	9.400	1820
WY355M2-10	132	180	237.3	227.0	217.5	708	93.5	0.78	6.0	1.3	2.0	1780.5	9.500	1910
WY355L-10	160	215	287.3	274.8	263.3	708	93.5	0.78	6.0	1.3	2.0	2158.2	9.6000	1993

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LOW VOLTAGE HIGH POWER THREE PHASE INDUCTION MOTORS

TECHNICAL SPECIFICATIONS - WY SERIES 50Hz

IE1

Motor Type	Rated Power	Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL
	KW	380V	400V	415V	r/min	%	cosϕ	Ratio			N.M
3000r/min Synchronous Speed 3000rpm											
WY355-1-2L	355	615	584	563	2980	96.3	0.91	1.3	6.5	2.5	1137.7
WY355-2-2L	400	695	660	636	2980	96.3	0.91	1.3	6.5	2.5	1281.9
WY355-3-2L	450	780	741	714	2980	96.3	0.91	1.3	6.5	2.5	1442.1
WY400-1-2	500	866	823	793	2980	96.3	0.91	1.3	6.5	2.5	1602.3
WY400-2-2	560	971	922	889	2980	96.3	0.91	1.3	6.5	2.5	1794.6
WY400-3-2	630	1091	1036	999	2980	96.3	0.92	1.2	6.5	2.5	2019.0
WY450-1-2	710	1231	1169	1127	2980	96.3	0.92	1.2	6.5	2.5	2275.3
WY450-2-2	800	1386	1317	1269	2980	96.3	0.92	1.2	6.5	2.5	2563.8
WY450-3-2	900	1543	1466	1413	2980	96.5	0.92	1.2	6.5	2.5	2884.2
1500r/min Synchronous Speed 1500rpm											
WY355-1-4L	355	628	597	575	1490	96.4	0.88	1.6	6.5	2.5	2275.3
WY355-2-4L	400	706	671	647	1490	96.4	0.88	1.6	6.5	2.5	2563.8
WY355-3-4L	450	780	741	714	1490	96.4	0.88	1.6	6.5	2.5	2884.2
WY355-4-4L	500	878	834	804	1490	96.4	0.88	1.6	6.5	2.5	3204.7
WY400-1-4	560	977	928	894	1490	96.4	0.88	1.4	6.5	2.5	3589.3
WY400-2-4	630	1099	1044	1006	1490	96.4	0.88	1.4	6.5	2.5	4037.9
WY400-3-4	710	1239	1177	1134	1490	96.5	0.88	1.4	6.5	2.5	4550.7
WY450-1-4	800	1396	1326	1278	1490	96.5	0.89	1.4	6.5	2.5	5127.5
WY450-2-4	900	1571	1492	1438	1490	96.5	0.89	1.4	6.5	2.5	5768.5
WY450-3-4	1000	1765	1677	1616	1490	96.7	0.89	1.4	6.5	2.5	6409.4
1000r/min Synchronous Speed 1000rpm											
WY355-1-6L	315	586	557	537	990	96.0	0.85	1.8	6.5	2.5	3038.6
WY355-2-6L	355	662	629	606	990	96.0	0.85	1.8	6.5	2.5	3424.5
WY355-3-6L	400	742	705	680	990	96.0	0.85	1.8	6.5	2.5	3858.6
WY400-1-6	450	833	791	762	990	96.0	0.86	1.8	6.5	2.5	4340.9
WY400-2-6	500	924	878	846	990	96.0	0.86	1.8	6.5	2.5	4823.2
WY400-3-6	560	971	922	889	990	96.0	0.86	1.6	6.5	2.5	5402.0
WY450-1-6	630	1091	1036	999	990	96.2	0.85	1.6	6.5	2.5	6077.3
WY450-2-6	710	1231	1169	1127	990	96.2	0.85	1.6	6.5	2.5	6849.0
WY450-3-6	800	1482	1408	1357	990	96.5	0.85	1.6	6.5	2.5	7717.2
750r/min Synchronous Speed 750rpm											
WY355-2-8L	250	478	454	438	740	95.1	0.80	1.8	6.5	2.5	3226.4
WY355-3-8L	315	617	586	565	740	95.1	0.80	1.8	6.5	2.5	4065.2
WY400-1-8	355	691	656	632	740	95.6	0.82	1.8	6.5	2.5	4581.4
WY400-2-8	400	779	740	713	740	95.6	0.82	1.8	6.5	2.5	5162.2
WY450-1-8	450	874	830	800	740	96	0.82	1.6	6.5	2.5	5807.4
WY450-2-8	500	971	922	889	740	96.2	0.82	1.6	6.5	2.5	6452.7
WY450-3-8	560	1087	1033	996	740	96.2	0.82	1.6	6.5	2.5	7227.0
WY450-4-8	630	1214	1153	1111	740	96.2	0.82	1.8	6.5	2.5	8130.4
600r/min Synchronous Speed 600rpm											
WY355-2-10L	200	427	406	391	590	94.7	0.74	1.4	6.5	2.5	3237.3
WY355-3-10L	250	533	506	488	590	94.7	0.74	1.4	6.5	2.5	4046.6
WY400-1-10	300	622	591	570	590	95.2	0.77	1.4	6.5	2.5	4855.9
WY400-2-10	315	663	630	607	590	95.2	0.77	1.4	6.5	2.5	5098.7
WY400-3-10	355	797	757	730	590	95.2	0.77	1.4	6.5	2.5	5746.2
WY450-1-10	355	797	757	730	595	95.2	0.77	1.3	6.5	2.5	5697.9
WY450-2-10	400	898	853	822	595	95.6	0.77	1.3	6.5	2.5	6420.2
WY450-3-10	450	1011	960	925	595	95.6	0.77	1.3	6.5	2.5	7222.7

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LOW VOLTAGE HIGH POWER THREE PHASE INDUCTION MOTORS IE1

TECHNICAL SPECIFICATIONS - WY SERIES 60Hz

Motor Type	Rated Power	Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL
	KW	440V	460V	480V	r/min	%	cosΦ	Ratio			N.M
3600r/min Synchronous Speed 3600rpm											
WY355-1-2L	355	531	508	487	3576	96.3	0.91	1.3	6.5	2.5	948.1
WY355-2-2L	400	600	574	550	3576	96.3	0.91	1.3	6.5	2.5	1068.2
WY355-3-2L	450	674	644	618	3576	96.3	0.91	1.3	6.5	2.5	1201.8
WY400-1-2	500	748	716	686	3576	96.3	0.91	1.3	6.5	2.5	1335.3
WY400-2-2	560	838	802	768	3576	96.3	0.91	1.3	6.5	2.5	1495.5
WY400-3-2	630	942	901	863	3576	96.3	0.92	1.2	6.5	2.5	1682.5
WY450-1-2	710	1063	1017	974	3576	96.3	0.92	1.2	6.5	2.5	1896.1
WY450-2-2	800	1197	1145	1098	3576	96.3	0.92	1.2	6.5	2.5	2136.5
WY450-3-2	900	1333	1275	1222	3576	96.5	0.92	1.2	6.5	2.5	2403.5
1800r/min Synchronous Speed 1800rpm											
WY355-1-4L	355	543	519	498	1788	96.4	0.88	1.6	6.5	2.5	1896.1
WY355-2-4L	400	610	583	559	1788	96.4	0.88	1.6	6.5	2.5	2136.5
WY355-3-4L	450	674	644	618	1788	96.4	0.88	1.6	6.5	2.5	2403.5
WY355-4-4L	500	758	725	695	1788	96.4	0.88	1.6	6.5	2.5	2670.6
WY400-1-4	560	844	807	773	1788	96.4	0.88	1.4	6.5	2.5	2991.1
WY400-2-4	630	949	908	870	1788	96.4	0.88	1.4	6.5	2.5	3364.9
WY400-3-4	710	1070	1023	981	1788	96.5	0.88	1.4	6.5	2.5	3792.2
WY450-1-4	800	1205	1153	1105	1788	96.5	0.89	1.4	6.5	2.5	4272.9
WY450-2-4	900	1356	1297	1243	1788	96.5	0.89	1.4	6.5	2.5	4807.0
WY450-3-4	1000	1525	1458	1398	1788	96.7	0.89	1.4	6.5	2.5	5341.2
1200r/min Synchronous Speed 1200rpm											
WY355-1-6L	315	506	484	464	1188	96.0	0.85	1.8	6.5	2.5	2532.2
WY355-2-6L	355	572	547	524	1188	96.0	0.85	1.8	6.5	2.5	2853.7
WY355-3-6L	400	641	613	588	1188	96.0	0.85	1.8	6.5	2.5	3215.5
WY400-1-6	450	719	688	659	1188	96.0	0.86	1.8	6.5	2.5	3617.4
WY400-2-6	500	798	763	732	1188	96.0	0.86	1.8	6.5	2.5	4019.4
WY400-3-6	560	838	802	768	1188	96.0	0.86	1.6	6.5	2.5	4501.7
WY450-1-6	630	942	901	863	1188	96.2	0.85	1.6	6.5	2.5	5064.4
WY450-2-6	710	1063	1017	974	1188	96.2	0.85	1.6	6.5	2.5	5707.5
WY450-3-6	800	1280	1224	1173	1188	96.5	0.85	1.6	6.5	2.5	6431.0
900r/min Synchronous Speed 900rpm											
WY355-2-8L	250	413	395	378	888	95.1	0.80	1.8	6.5	2.5	2688.6
WY355-3-8L	315	533	510	488	888	95.1	0.80	1.8	6.5	2.5	3387.7
WY400-1-8	355	596	570	547	888	95.6	0.82	1.8	6.5	2.5	3817.8
WY400-2-8	400	673	643	617	888	95.6	0.82	1.8	6.5	2.5	4301.8
WY450-1-8	450	755	722	692	888	96	0.82	1.6	6.5	2.5	4839.5
WY450-2-8	500	838	802	768	888	96.2	0.82	1.6	6.5	2.5	5377.3
WY450-3-8	560	939	898	861	888	96.2	0.82	1.6	6.5	2.5	6022.5
WY450-4-8	630	1048	1003	961	888	96.2	0.82	1.8	6.5	2.5	6775.3
720r/min Synchronous Speed 720rpm											
WY355-2-10L	200	369	353	338	708	94.7	0.74	1.4	6.5	2.5	2697.7
WY355-3-10L	250	460	440	422	708	94.7	0.74	1.4	6.5	2.5	3372.2
WY400-1-10	300	537	514	493	708	95.2	0.77	1.4	6.5	2.5	4046.6
WY400-2-10	315	573	548	525	708	95.2	0.77	1.4	6.5	2.5	4248.9
WY400-3-10	355	688	658	631	708	95.2	0.77	1.4	6.5	2.5	4788.5
WY450-1-10	355	688	658	631	714	95.2	0.77	1.3	6.5	2.5	4748.2
WY450-2-10	400	775	742	711	714	95.6	0.77	1.3	6.5	2.5	5350.1
WY450-3-10	450	873	835	800	714	95.6	0.77	1.3	6.5	2.5	6018.9

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NOISE AND TERMINAL BOX - WY SERIES

NOISE

Output (KW)	Synchronous Speed r/min				
	3000	1500	1000	750	600
	Db(A) Sound pressure level db(A)				
	No Load	No Load	No Load	No Load	No Load
0.18	61	52	52	52	52
0.25	61	55	52	52	52
0.37	64	55	54	54	54
0.55	64	58	54	54	54
0.75	66	58	57	56	56
1.1	66	61	57	56	56
1.5	68	61	58	58	58
2.2	68	64	58	58	58
3	70	65	60	60	60
4	70	65	60	60	62
5.5	72	67	62	62	63
7.5	72	67	62	62	65
11	78	68	65	63	66
15	78	68	65	65	68
18.5	78	70	68	65	68
22	81	70	68	66	70
30	84	71	68	68	72
37	84	73	70	70	72
45	84	73	72	70	74
55	85	75	72	72	74
75	86	78	77	74	74
90	86	78	77	74	74
110	88	85	77	74	74
132	88	85	77	82	82
160	91	89	84	82	82
200	91	89	84	82	82
250	95	93	84	84	82
315	95	93	86	86	84
355	97	95	88	88	84

TERMINAL BOX

Frame Size	Cable entry in mm	XxYxZ
		mm
WY71	2xM20x1.5	92x92x38
WY80~WY100	2xM25x1.5	111x111x60
WY112~WY132	2xM32x1.5	119x131x70
WY160~WY180	2xM40x1.5	166x176x85
WY200~WY225	2xM50x1.5	203x223x97
WY250~WY280	2xM63x1.5	229x256x109.5
WY315~WY355	2xM63x1.5	293x353x166.5

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BEARINGS AND VIBRATION - WY SERIES

BEARINGS

Frame Size	Driving End			Non-driving End		
	2 POLE	4,6,8 POLE	10 POLE	2 POLE	4,6,8 POLE	10 POLE
71	6202 2RS/C3	6202 2RS/C3		6202 2RS/C3	6202 2RS/C3	
80	6204 2RS/C3	6204 2RS/C3		6204 2RS/C3	6204 2RS/C3	
90	6205 2RS/C3	6205 2RS/C3		6205 2RS/C3	6205 2RS/C3	
100	6206 2RS/C3	6206 2RS/C3		6206 2RS/C3	6206 2RS/C3	
112	6206 2RS/C3	6206 2RS/C3		6206 2RS/C3	6206 2RS/C3	
132	6208 2RS/C3	6208 2RS/C3		6208 2RS/C3	6208 2RS/C3	
160	6209 2RS/C3	6209 2RS/C3		6209 2RS/C3	6209 2RS/C3	
180	6211/C3	6311/C3		6211/C3	6211/C3	
200	6212/C3	6312/C3		6212/C3	6212/C3	
225	6312/C3	6313/C3		6312/C3	6312/C3	
250	6313/C3	6314/C3		6313/C3	6313/C3	
280	6314/C3	6317/C3		6314/C3	6314/C3	
315	6317/C3	Nu319	Nu319	6317/C3	6319/C3	6319/C3
355	6319/C3	Nu322	Nu322	6319/C3	6322/C3	6322/C3

VIBRATION

Vibration Class	Limiting value(root-mean-square value) of vibration strength represented by displacement, speed and acceleration of different height H(mm) shaft center.									
	Height of Shaft Center /mm	56<H≤132			132<H≤280			280<H		
		Displacement	Speed	Acceleration	Displacement	Speed	Acceleration	Displacement	Speed	Acceleration
		μ/m	mm/s	m/s^2	μ/m	mm/s	m/s^2	μ/m	mm/s	m/s^2
A	Free Mounting	25	1.6	2.5	35	2.2	3.5	45	2.8	4.4
	Rigid Mounting	21	1.3	2	29	1.8	2.8	37	2.3	3.6
B	Free Mounting	11	0.7	1.1	18	1.1	1.7	29	1.8	2.8
	Rigid Mounting				14	0.9	1.4	24	1.5	2.4

Grade “A” applies to machine with no special vibration requirement.

Grade “B” applies to machine with special vibration requirement.
Rigid mounting is not considered acceptable for machine with shaft height of less than 132mm.

The interface frequencies for displacement/velocity are 10Hz and 250Hz respectively.

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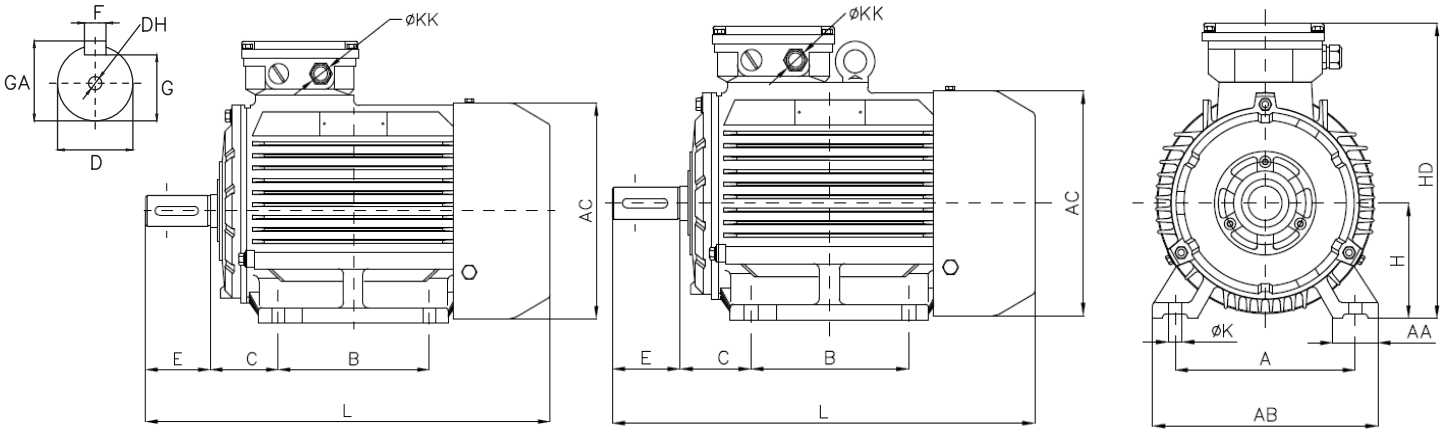
B3 MOUNTING AND OVERALL DIMENSIONS - WY SERIES

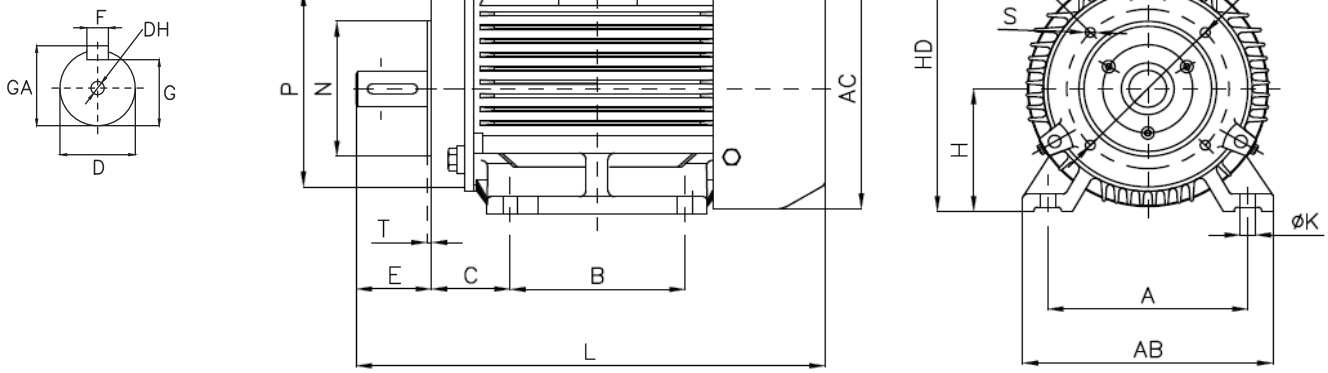


H71-H90 WITHOUT LIFTING BOLT

Frame Size	Poles	Mounting Dimensions (mm)													Overall Dimensions (mm)				
		A	B	C	D	E	F	G	H	K	KK	DH	GA	AA	AB	AC	AD	HD	L
71	2, 4, 6	112	90	45	14	30	5	11	71	7	M20x1.5	M5x13	16	24	150	150	124	195	255
80	2,4,6,8	125	100	50	19	40	6	15.5	80	10	M25x1.5	M6x16	21.5	34	165	175	145	220	290
90S	2,4,6,8	140	100	56	24	50	8	20	90	10	M25x1.5	M8x20	27	36	180	195	155	250	315
90L	2,4,6,8	140	125	56	24	50	8	20	90	10	M25x1.5	M8x20	27	36	180	195	155	250	340
100L	2,4,6,8	160	140	63	28	60	8	24	100	12	M25x1.5	M10x25	31	40	205	215	180	270	375
112M	2,4,6,8	190	140	70	28	60	8	24	112	12	M32x1.5	M10x25	31	45	230	240	190	300	400
132S	2,4,6,8	216	140	89	38	80	10	33	132	12	M32x1.5	M12x30	41	55	270	275	210	345	470
132M	2,4,6,8	216	178	89	38	80	10	33	132	12	M32x1.5	M12x30	41	55	270	275	210	345	510
160M	2,4,6,8	254	210	108	42	110	12	37	160	15	M40x1.5	M16x36	45	65	320	330	255	420	610
160L	2,4,6,8	254	254	108	42	110	12	37	160	15	M40x1.5	M16x36	45	65	320	330	255	420	655
180M	2,4,6,8	279	241	121	48	110	14	42.5	180	15	M40x1.5	M16x36	51.5	70	355	380	280	455	690
180L	2,4,6,8	279	279	121	48	110	14	42.5	180	15	M40x1.5	M16x36	51.5	70	355	380	280	455	730
200L	2,4,6,8	318	305	133	55	110	16	49	200	19	M50x1.5	M20x42	59	70	395	420	305	505	760
225S	4,8	356	286	149	60	140	18	53	225	19	M50x1.5	M20x40	64	75	435	470	335	560	810
225M	2	356	311	149	55	110	16	49	225	19	M50x1.5	M20x40	59	75	435	470	335	560	805
225M	4,6,8	356	311	149	60	140	18	53	225	19	M50x1.5	M20x40	64	75	435	470	335	560	835
250M	2	406	349	168	60	140	18	53	250	24	M63x1.5	M20x42	64	80	490	510	370	615	910
250M	4,6,8	406	349	168	65	140	18	58	250	24	M63x1.5	M20x42	69	80	490	510	370	615	910
280S	2	457	368	190	65	140	18	58	280	24	M63x1.5	M20x42	69	85	550	580	410	680	985
280S	4,6,8	457	368	190	75	140	20	67.5	280	24	M63x1.5	M20x42	79.5	85	550	580	410	680	985
280M	2	457	419	190	65	140	18	58	280	24	M63x1.5	M20x42	69	85	550	580	410	680	1035
280M	4,6,8	457	419	190	75	140	20	67.5	280	24	M63x1.5	M20x42	79.5	85	550	580	410	680	1035
315S	2	508	406	216	65	140	18	58	315	28	M63x1.5	M20x46	69	116	635	645	530	845	1190
315S	4,6,8,10	508	406	216	80	170	22	71	315	28	M63x1.5	M20x46	85	116	635	645	530	845	1220
315M	2	508	457	216	65	140	18	58	315	28	M63x1.5	M20x46	69	116	635	645	530	845	1300
315M	4,6,8,10	508	457	216	80	170	22	71	315	28	M63x1.5	M20x46	85	116	635	645	530	845	1330
315L	2	508	508	216	65	140	18	58	315	28	M63x1.5	M20x46	69	116	635	645	530	845	1300
315L	4,6,8,10	508	508	216	80	170	22	71	315	28	M63x1.5	M20x46	85	116	635	645	530	845	1330
355M	2	610	560	254	75	140	20	67.5	355	28	M63x1.5	M20x46	79.5	120	730	720	655	1010	1490
355M	4,6,8,10	610	560	254	95	170	25	86	355	28	M63x1.5	M20x46	100	120	730	720	655	1010	1520
355L	2	610	630	254	75	140	20	67.5	355	28	M63x1.5	M20x46	79.5	120	730	720	655	1010	1490
355L	4,6,8,10	610	630	254	95	170	25	86	355	28	M63x1.5	M20x46	100	120	730	720	655	1010	1520

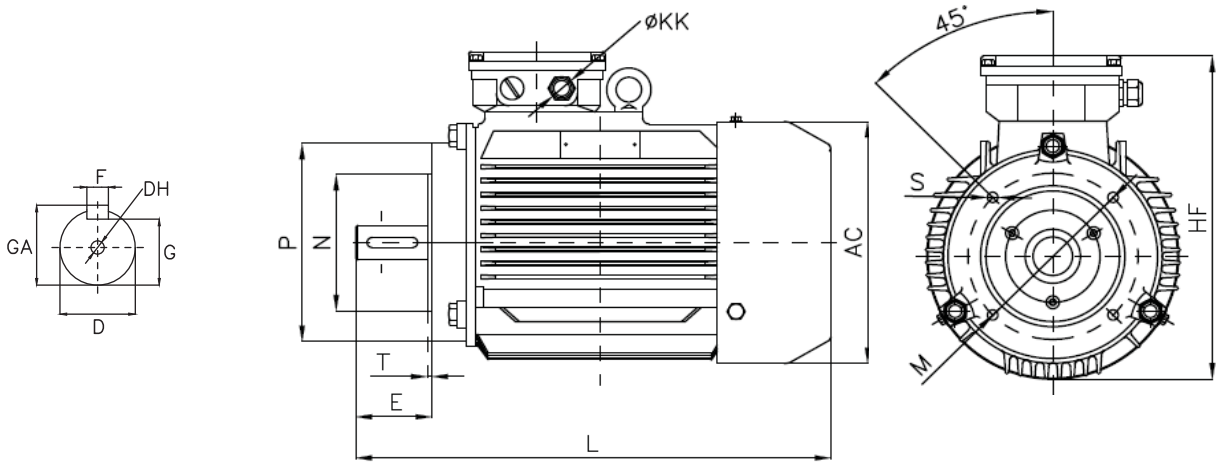
* Data are subjected to revisions without any prior notice.

B34 MOUNTING AND OVERALL DIMENSIONS - WY SERIES



Frame Size	Poles	Flange Size	Mounting Dimensions (mm)														Overall Dimensions (mm)							
			A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	KK	DH	GA	AB	AC	HD	L
71	2, 4, 6	FT85	112	90	45	14	30	5	11	71	7	85	70	105	0±1.5	4 -M6	2.5	M20x1.5	M5x13	16	150	150	195	255
80	2,4,6,8	FT100	125	100	50	19	40	6	15.5	80	10	100	80	120	0±1.5	4 -M6	3	M25x1.5	M6x16	21.5	165	175	220	290
90S	2,4,6,8	FT115	140	100	56	24	50	8	20	90	10	115	95	140	0±1.5	4 -M8	3	M25x1.5	M8x20	27	180	195	250	315
90L	2,4,6,8	FT115	140	125	56	24	50	8	20	90	10	115	95	140	0±1.5	4 -M8	3	M25x1.5	M8x20	27	180	195	250	340
100L	2,4,6,8	FT130	160	140	63	28	60	8	24	100	12	130	110	160	0±2	4 -M8	3.5	M25x1.5	M10x25	31	205	215	270	375
112M	2,4,6,8	FT130	190	140	70	28	60	8	24	112	12	130	110	160	0±2	4 -M8	3.5	M32x1.5	M10x25	31	230	240	300	400
132S	2,4,6,8	FT165	216	140	89	38	80	10	33	132	12	165	130	200	0±2	4 -M10	4	M32x1.5	M12x30	41	270	275	345	470
132M	2,4,6,8	FT165	216	178	89	38	80	10	33	132	12	165	130	200	0±2	4 -M10	4	M32x1.5	M12x30	41	270	275	345	510

B14 MOUNTING AND OVERALL DIMENSIONS - WY SERIES



Frame Size	Poles	Flange Size	Mounting Dimensions (mm)											Overall Dimensions (mm)			
			D	E	F	G	M	N	P	R	S	T	KK	DH	GA	AC	HF	L
71	2, 4, 6	FT85	14	30	5	11	85	70	105	0±1.0	4 -M6	2.5	M20x1.5	M5x13	16	150	195	255
80	2,4,6,8	FT100	19	40	6	15.5	100	80	120	0±1.5	4 -M6	3	M25x1.5	M6x16	21.5	175	220	290
90S	2,4,6,8	FT115	24	50	8	20	115	95	140	0±1.5	4 -M8	3	M25x1.5	M8x20	27	195	245	315
90L	2,4,6,8	FT115	24	50	8	20	115	95	140	0±1.5	4 -M8	3	M25x1.5	M8x20	27	195	245	340
100L	2,4,6,8	FT130	28	60	8	24	130	110	160	0±1.5	4 -M8	3.5	M25x1.5	M10x25	31	215	270	375
112M	2,4,6,8	FT130	28	60	8	24	130	110	160	0±1.5	4 -M8	3.5	M32x1.5	M10x25	31	240	305	400
132S	2,4,6,8	FT165	38	80	10	33	165	130	200	0±1.5	4 -M10	4	M32x1.5	M12x30	41	275	345	470
132M	2,4,6,8	FT165	38	80	10	33	165	130	200	0±1.5	4 -M10	4	M32x1.5	M12x30	41	275	345	510

R=0 distance from flange to shaft shoulder

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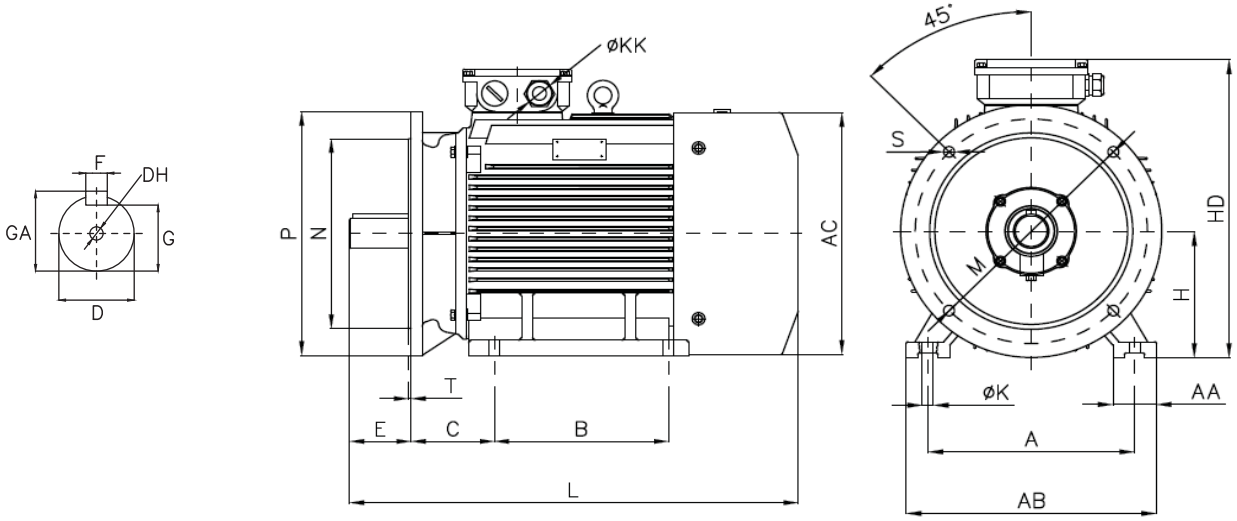
* Data are subjected to revisions without any prior notice.

B35 MOUNTING AND OVERALL DIMENSIONS - WY SERIES



H71-200

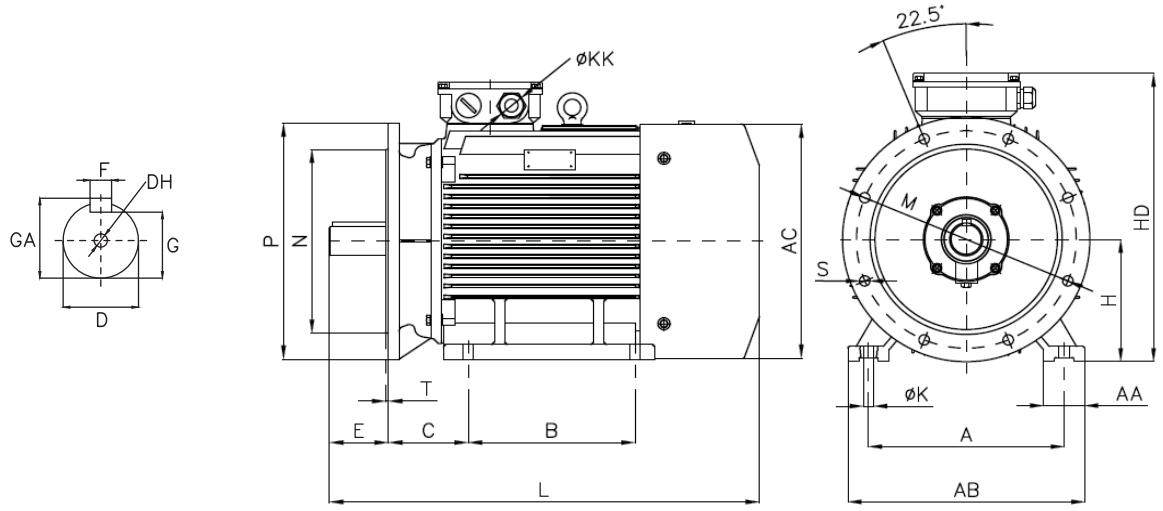
H71 - H90 WITHOUT LIFTING BOLT

Frame Size	Poles	Flange Size	Mounting Dimensions (mm)																Overall Dimensions (mm)					
			A	B	C	D	E	F	G	H	K	M	N	P	S	T	KK	DH	GA	AA	AB	AC	AD	HD	L
71	2, 4, 6	FF130	112	90	45	14	30	5	11	71	7	130	110	160	10	3.5	M20x1.5	M5x13	16	24	150	150	124	195	255
80	2,4,6,8	FF165	125	100	50	19	40	6	15.5	80	10	165	130	200	12	3.5	M25x1.5	M6x16	21.5	34	165	175	145	220	290
90S	2,4,6,8	FF165	140	100	56	24	50	8	20	90	10	165	130	200	12	3.5	M25x1.5	M8x20	27	36	180	195	155	250	315
90L	2,4,6,8	FF165	140	125	56	24	50	8	20	90	10	165	130	200	12	3.5	M25x1.5	M8x20	27	36	180	195	155	250	340
100L	2,4,6,8	FF215	160	140	63	28	60	8	24	100	12	215	180	250	15	4	M25x1.5	M10x25	31	40	205	215	180	270	375
112M	2,4,6,8	FF215	190	140	70	28	60	8	24	112	12	215	180	250	15	4	M32x1.5	M10x25	31	45	230	240	190	300	400
132S	2,4,6,8	FF265	216	140	89	38	80	10	33	132	12	265	230	300	15	4	M32x1.5	M12x30	41	55	270	275	210	345	470
132M	2,4,6,8	FF265	216	178	89	38	80	10	33	132	12	265	230	300	15	4	M32x1.5	M12x30	41	55	270	275	210	345	510
160M	2,4,6,8	FF300	254	210	108	42	110	12	37	160	15	300	250	350	19	5	M40x1.5	M16x36	45	65	320	330	255	420	610
160L	2,4,6,8	FF300	254	254	108	42	110	12	37	160	15	300	250	350	19	5	M40x1.5	M16x36	45	65	320	330	255	420	655
180M	2,4,6,8	FF300	279	241	121	48	110	14	42.5	180	15	300	250	350	19	5	M40x1.5	M16x36	51.5	70	355	380	280	455	690
180L	2,4,6,8	FF300	279	279	121	48	110	14	42.5	180	15	300	250	350	19	5	M40x1.5	M16x36	51.5	70	355	380	280	455	730
200L	2,4,6,8	FF350	318	305	133	55	110	16	49	200	19	350	300	400	19	5	M50x1.5	M20x42	59	70	395	420	305	505	760

R=0 distance from flange to shaft shoulder

* Data are subjected to revisions without any prior notice.

B35 MOUNTING AND OVERALL DIMENSIONS - WY SERIES



H225-355

H71-H200 REFER TO PREVIOUS PAGE

Frame Size	Poles	Flange Size	Mounting Dimensions (mm)																Overall Dimensions (mm)					
			A	B	C	D	E	F	G	H	K	M	N	P	S	T	KK	DH	GA	AA	AB	AC	AD	HD	L
225S	4,8	FF400	356	286	149	60	140	18	53	225	19	400	350	450	19	5	M50x1.5	M20x40	64	75	435	470	335	560	810
225M	2	FF400	356	311	149	55	110	16	49	225	19	400	350	450	19	5	M50x1.5	M20x40	59	75	435	470	335	560	805
225M	4,6,8	FF400	356	311	149	60	140	18	53	225	19	400	350	450	19	5	M50x1.5	M20x40	64	75	435	470	335	560	835
250M	2	FF500	406	349	168	60	140	18	53	250	24	500	450	550	19	5	M63x1.5	M20x42	64	80	490	510	370	615	910
250M	4,6,8	FF500	406	349	168	65	140	18	58	250	24	500	450	550	19	5	M63x1.5	M20x42	69	80	490	510	370	615	910
280S	2	FF500	457	368	190	65	140	18	58	280	24	500	450	550	19	5	M63x1.5	M20x42	69	85	550	580	410	680	985
280S	4,6,8	FF500	457	368	190	75	140	20	67.5	280	24	500	450	550	19	5	M63x1.5	M20x42	79.5	85	550	580	410	680	985
280M	2	FF500	457	419	190	65	140	18	58	280	24	500	450	550	19	5	M63x1.5	M20x42	69	85	550	580	410	680	1035
280M	4,6,8	FF500	457	419	190	75	140	20	67.5	280	24	500	450	550	19	5	M63x1.5	M20x42	79.5	85	550	580	410	680	1035
315S	2	FF600	508	406	216	65	140	18	58	315	28	600	550	660	24	6	M63x1.5	M20x46	69	116	635	645	530	845	1190
315S	4,6,8,10	FF600	508	406	216	80	170	22	71	315	28	600	550	660	24	6	M63x1.5	M20x46	85	116	635	645	530	845	1220
315M	2	FF600	508	457	216	65	140	18	58	315	28	600	550	660	24	6	M63x1.5	M20x46	69	116	635	645	530	845	1300
315M	4,6,8,10	FF600	508	457	216	80	170	22	71	315	28	600	550	660	24	6	M63x1.5	M20x46	85	116	635	645	530	845	1330
315L	2	FF600	508	508	216	65	140	18	58	315	28	600	550	660	24	6	M63x1.5	M20x46	69	116	635	645	530	845	1300
315L	4,6,8,10	FF600	508	508	216	80	170	22	71	315	28	600	550	660	24	6	M63x1.5	M20x46	85	116	635	645	530	845	1330
355M	2	FF740	610	560	254	75	140	20	67.5	355	28	740	680	800	24	6	M63x1.5	M20x46	79.5	120	730	720	655	1010	1490
355M	4,6,8,10	FF740	610	560	254	95	170	25	86	355	28	740	680	800	24	6	M63x1.5	M20x46	100	120	730	720	655	1010	1520
355L	2	FF740	610	630	254	75	140	20	67.5	355	28	740	680	800	24	6	M63x1.5	M20x46	79.5	120	730	720	655	1010	1490
355L	4,6,8,10	FF740	610	630	254	95	170	25	86	355	28	740	680	800	24	6	M63x1.5	M20x46	100	120	730	720	655	1010	1520

R=0 distance from flange to shaft shoulder

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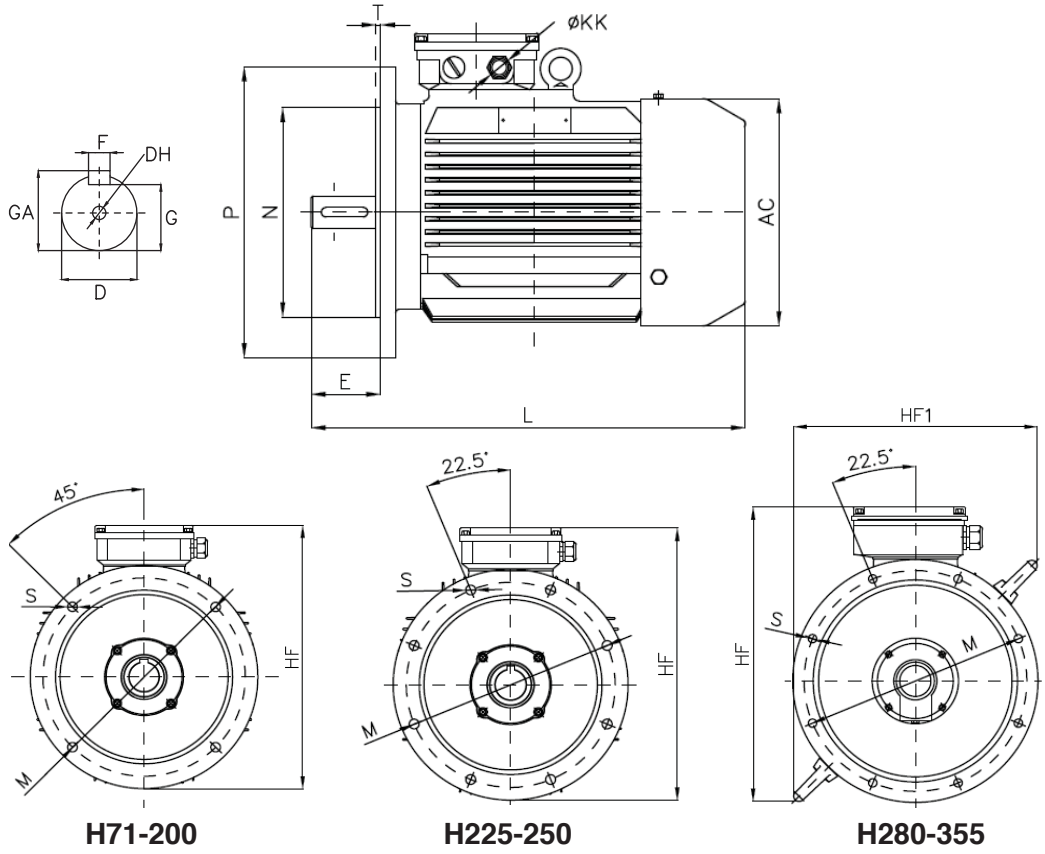
B5 MOUNTING AND OVERALL DIMENSIONS - WY SERIES



H71-200 H225-250 H280-355

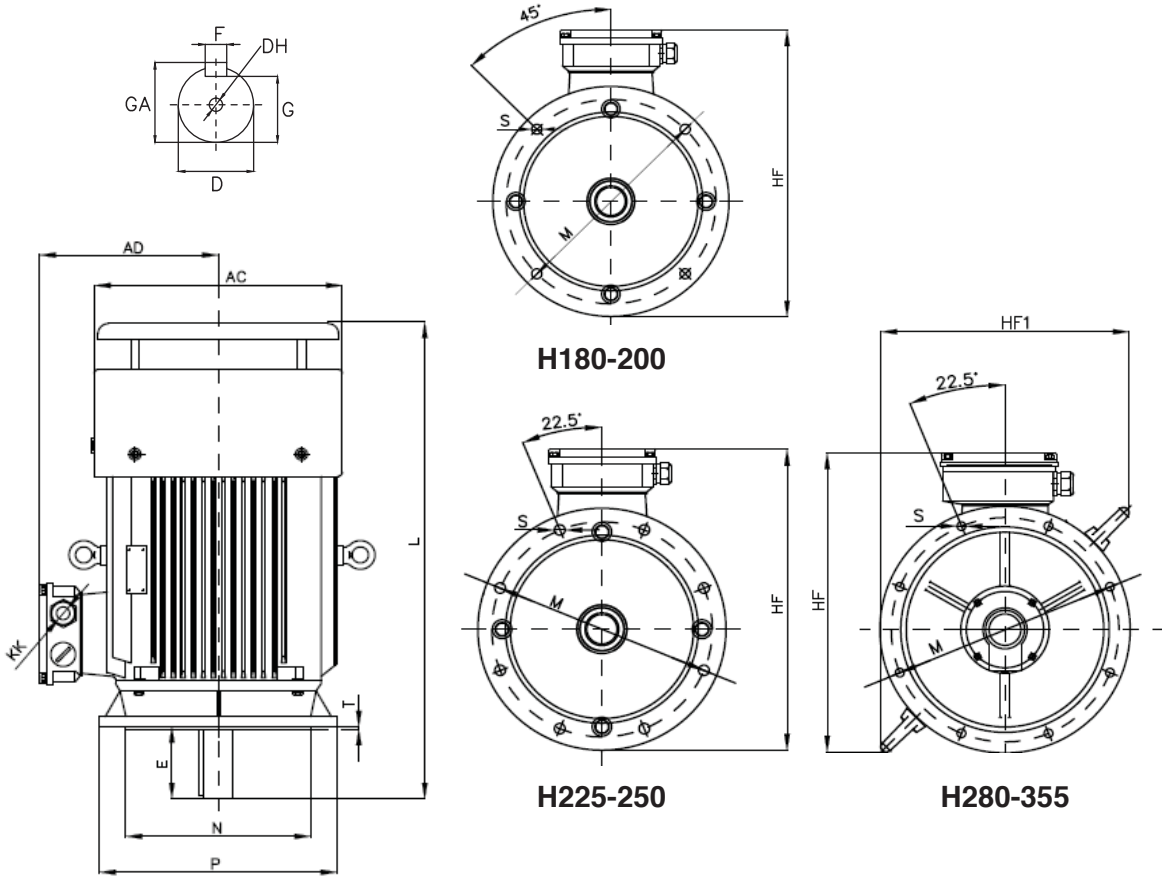
H71-H90 WITHOUT LIFTING BOLT

Frame Size	Poles	Flange Size	Mounting Dimensions (mm)												Overall Dimensions(mm)				
			D	E	F	G	M	N	P	R	S	T	KK	DH	GA	AC	HF	HF1	L
71	2, 4, 6	FF130	14	30	5	11	130	110	160	0±1.5	4 -Φ10	3.5	M20x1.5	M5x13	16	150	195	-	255
80	2,4,6,8	FF165	19	40	6	15.5	165	130	200	0±1.5	4 -Φ12	3.5	M25x1.5	M6x16	21.5	175	220	-	290
90S	2,4,6,8	FF165	24	50	8	20	165	130	200	0±1.5	4 -Φ12	3.5	M25x1.5	M8x20	27	195	245	-	315
90L	2,4,6,8	FF165	24	50	8	20	165	130	200	0±1.5	4 -Φ12	3.5	M25x1.5	M8x20	27	195	245	-	340
100L	2,4,6,8	FF215	28	60	8	24	215	180	250	0±2	4 -Φ15	4	M25x1.5	M10x25	31	215	270	-	375
112M	2,4,6,8	FF215	28	60	8	24	215	180	250	0±2	4 -Φ15	4	M32x1.5	M10x25	31	240	305	-	400
132S	2,4,6,8	FF265	38	80	10	33	265	230	300	0±2	4 -Φ15	4	M32x1.5	M12x30	41	275	345	-	470
132M	2,4,6,8	FF265	38	80	10	33	265	230	300	0±2	4 -Φ15	4	M32x1.5	M12x30	41	275	345	-	510
160M	2,4,6,8	FF300	42	110	12	37	300	250	350	0±3	4 -Φ19	5	M40x1.5	M16x36	45	330	420	-	610
160L	2,4,6,8	FF300	42	110	12	37	300	250	350	0±3	4 -Φ19	5	M40x1.5	M16x36	45	330	420	-	655
180M	2,4,6,8	FF300	48	110	14	42.5	300	250	350	0±3	4 -Φ19	5	M40x1.5	M16x36	51.5	380	455	-	690
180L	2,4,6,8	FF300	48	110	14	42.5	300	250	350	0±3	4 -Φ19	5	M40x1.5	M16x36	51.5	380	455	-	730
200L	2,4,6,8	FF350	55	110	16	49	350	300	400	0±3	4 -Φ19	5	M50x1.5	M20x42	59	420	515	-	760
225S	4,8	FF400	60	140	18	53	400	350	450	0±4	8 -Φ19	5	M50x1.5	M20x40	64	470	560	-	810
225M	2	FF400	55	110	16	49	400	350	450	0±4	8 -Φ19	5	M50x1.5	M20x40	59	470	560	-	805
225M	4,6,8	FF400	60	140	18	53	400	350	450	0±4	8 -Φ19	5	M50x1.5	M20x40	64	470	560	-	835
250M	2	FF500	60	140	18	53	500	450	550	0±4	8 -Φ19	5	M63x1.5	M20x42	64	510	645	-	910
250M	4,6,8	FF500	65	140	18	58	500	450	550	0±4	8 -Φ19	5	M63x1.5	M20x42	69	510	645	-	910
280S	2	FF500	65	140	18	58	500	450	550	0±4	8 -Φ19	5	M63x1.5	M20x42	69	580	685	585	985
280S	4,6,8	FF500	75	140	20	67.5	500	450	550	0±4	8 -Φ19	5	M63x1.5	M20x42	79.5	580	685	585	985
280M	2	FF500	65	140	18	58	500	450	550	0±4	8 -Φ19	5	M63x1.5	M20x42	69	580	685	585	1035
280M	4,6,8	FF500	75	140	20	67.5	500	450	550	0±4	8 -Φ19	5	M63x1.5	M20x42	79.5	580	685	585	1035

R=0 distance from flange to shaft shoulder

* Data are subjected to revisions without any prior notice.

V1 MOUNTING AND OVERALL DIMENSIONS - WY SERIES



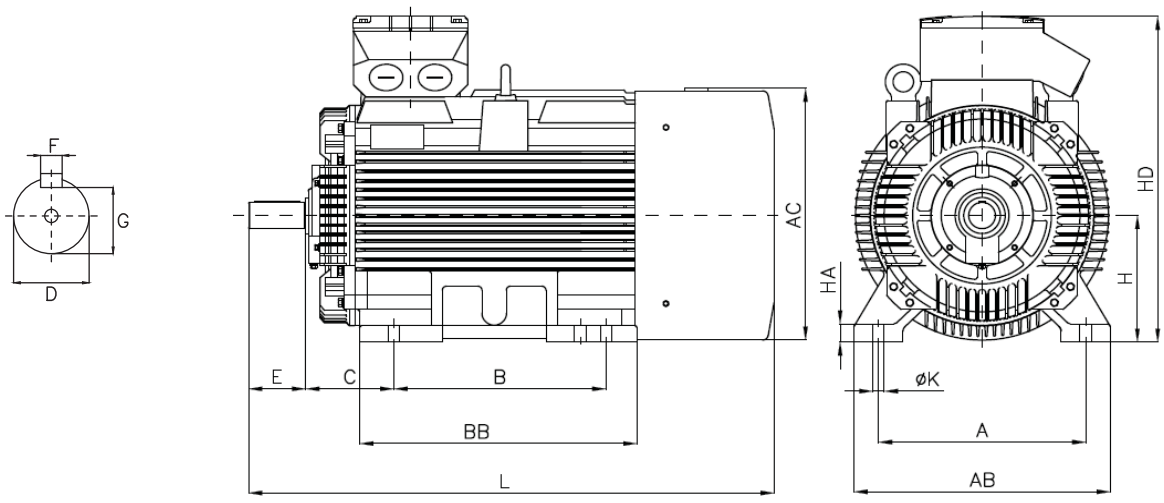
Frame Size	Poles	Mounting Dimensions (mm)													Overall Dimensions (mm)				
		D	E	F	G	M	N	P	R	S	T	KK	DH	GA	AC	AD	HF	HF1	L
180M	2,4,6,8	48	110	14	42.5	300	250	350	0±3	4 -Φ19	5	M40x1.5	M16x36	51.5	380	280	500	-	750
180L	2,4,6,8	48	110	14	42.5	300	250	350	0±3	4 -Φ19	5	M40x1.5	M16x36	51.5	380	280	500	-	790
200L	2,4,6,8	55	110	16	49	350	300	400	0±3	4 -Φ19	5	M50x1.5	M20x42	59	420	305	550	-	835
225S	4,8	60	140	18	53	400	350	450	0±4	8 -Φ19	5	M50x1.5	M20x40	64	470	335	610	-	900
225M	2	55	110	16	49	400	350	450	0±4	8 -Φ19	5	M50x1.5	M20x40	59	470	335	610	585	895
225M	4,6,8	60	140	18	53	400	350	450	0±4	8 -Φ19	5	M50x1.5	M20x40	64	470	335	610	585	925
250M	2	60	140	18	53	500	450	550	0±4	8 -Φ19	5	M63x1.5	M20x42	64	510	370	650	585	1010
250M	4,6,8	65	140	18	58	500	450	550	0±4	8 -Φ19	5	M63x1.5	M20x42	69	510	370	650	585	1010
280S	2	65	140	18	58	500	450	550	0±4	8 -Φ19	5	M63x1.5	M20x42	69	580	410	685	800	1105
280S	4,6,8	75	140	20	67.5	500	450	550	0±4	8 -Φ19	5	M63x1.5	M20x42	79.5	580	410	685	800	1105
280M	2	65	140	18	58	500	450	550	0±4	8 -Φ19	5	M63x1.5	M20x42	69	580	410	685	800	1155
280M	4,6,8	75	140	20	67.5	500	450	550	0±4	8 -Φ19	5	M63x1.5	M20x42	79.5	580	410	685	800	1155
315S	2	65	140	18	58	600	550	660	0±4	8 -Φ24	6	M63x1.5	M20x46	69	645	530	830	800	1310
315S	4,6,8,10	80	170	22	71	600	550	660	0±4	8 -Φ24	6	M63x1.5	M20x46	85	645	530	830	800	1340
315M	2	65	140	18	58	600	550	660	0±4	8 -Φ24	6	M63x1.5	M20x46	69	645	530	830	800	1420
315M	4,6,8,10	80	170	22	71	600	550	660	0±4	8 -Φ24	6	M63x1.5	M20x46	85	645	530	830	800	1450
315L	2	65	140	18	58	600	550	660	0±4	8 -Φ24	6	M63x1.5	M20x46	69	645	530	830	800	1420
315L	4,6,8,10	80	170	22	71	600	550	660	0±4	8 -Φ24	6	M63x1.5	M20x46	85	645	530	830	800	1450
355M	2	75	140	20	67.5	740	680	800	0±4	8 -Φ24	6	M63x1.5	M20x46	79.5	720	655	990	920	1630
355M	4,6,8,10	95	170	25	86	740	680	800	0±4	8 -Φ24	6	M63x1.5	M20x46	100	720	655	990	920	1660
355L	2	75	140	20	67.5	740	680	800	0±4	8 -Φ24	6	M63x1.5	M20x46	79.5	720	655	990	920	1630
355L	4,6,8,10	95	170	25	86	740	680	800	0±4	8 -Φ24	6	M63x1.5	M20x46	100	720	655	990	920	1660

R=0 distance from flange to shaft shoulder

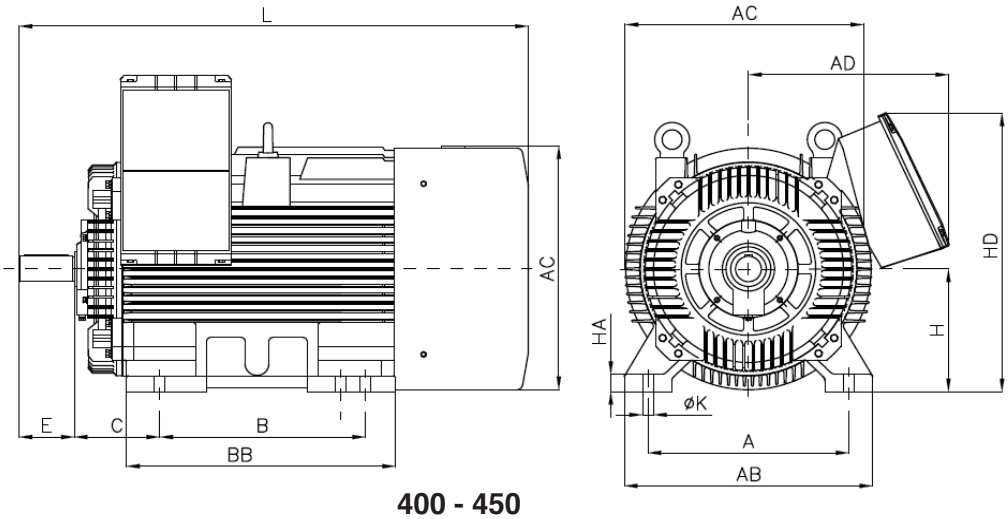
* Data are subjected to revisions without any prior notice.

LOW VOLTAGE HIGH POWER THREE PHASE INDUCTION MOTORS

B3 MOUNTING AND OVERALL DIMENSIONS - WY SERIES



355



400 - 450

Frame Size	Poles	Mounting Dimensions (mm)									Overall Dimensions (mm)						
		A	B	C	D	E	F	G	H	K	AB	AC	AD	BB	HA	HD	L
355	2	610	800	224	70	140	20	62.5	355	35	765	775	690	1140	50	970	1890
355	4,6,8,10	610	800	224	100	210	28	90	355	35	765	775	690	1140	50	970	1960
400	2	710	900	224	80	170	22	71	400	35	840	870	730	1160	55	1030	1985
400	4,6,8,10	710	900	224	110	210	28	90	400	35	840	870	730	1160	55	1030	2025
450	2	800	1000	250	80	170	22	71	450	42	960	960	760	1430	55	1140	2250
450	4,6,8	800	1000	250	120	210	32	109	450	42	960	960	760	1430	55	1140	2290

BEARINGS

Frame Size	Driving End		Non-driving End	
	2 POLE	4,6,8,10 POLE	2 POLE	4,6,8, 10 POLE
355	6316C3	NU322C3	6316C3	6316C3
400	6319C3	NU324C3	6319C3	6319C3
450	6322C3	NU326C3	6322C3	6322C3

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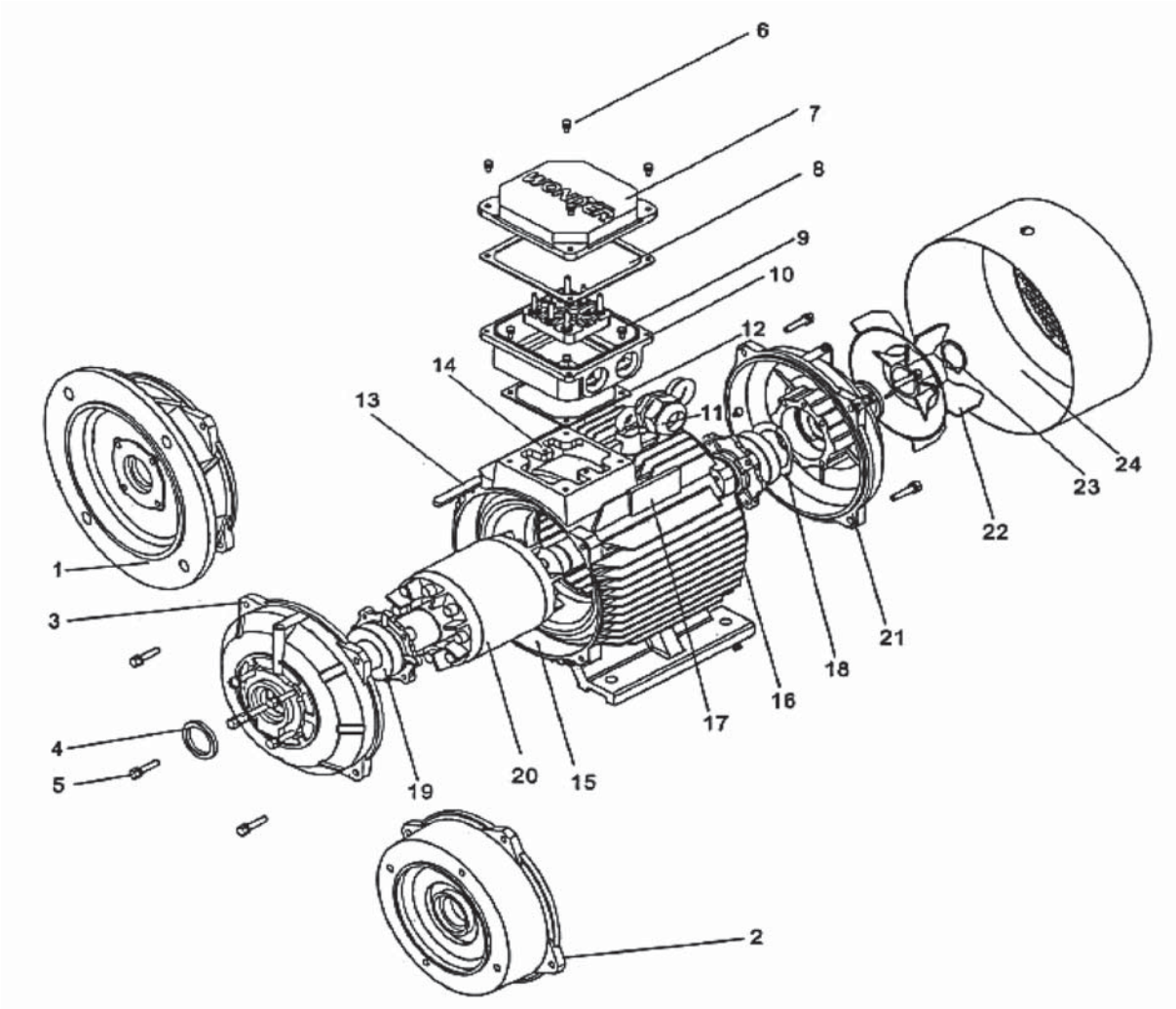
MOTOR SPARE PART LIST/DRAWING - WY SERIES



1. This catalogue is only reference for users. The data may be changed. Please contact us before placing your order.

2. Kindly take note of type, rated output, synchronous speed, voltage and frequency, Insulation class, mounting type etc. when placing your order.

1	Flange B5
2	Flange B14
3	End Shield B3
4	Oil Seal
5	Mounting Studs Screws
6	Screws For Fixing Terminal Box Cover
7	Terminal Box Cover IP55
8	Terminal Box Seal
9	Screws For Fixing Terminal Box Base
10	Terminal Box Base IP55
11	Cable Gland
12	Terminal Seal Base
13	Key
14	Terminal Board Complete With Components
15	Wound Stator
16	Frame
17	Name Plate
18	Spring Washer
19	Bearings
20	Rotor With Shaft Complete
21	NDE Shield
22	Cooling Fan
23	Circlip
24	Fan Cover

* Data are subjected to revisions without any prior notice.

RMS SERIES (IE1)

THREE PHASE REMOVABLE FEET
STANDARD EFFICIENCY
ALUMINIUM INDUCTION MOTORS

RMS series aluminium motor is three phase induction motor with removable feet. Position of terminal box can be changed according to user's requirement. Efficiency Indicator reaches IE1 standard.

Characteristics for all WONDER standard 3-Phase asynchronous motors

- Widely applied in general machinery and industries such as pumps & water treatment, road machinery, petroleum, chemical, metallurgy, cement and paper-milling.
- IP55 protection, Class F Insulation, B Temperature rise, S1 duty
- Rated voltage 380V, 400V, 415V, 440V, 460V and 480V
- Rated frequency 50Hz and 60Hz
- Operation conditions: ambient temperature: -20°C ~ 40°C, altitude ≤ 1000m
- Y-connection for motors up to 3KW
- Δ-connection for motors of 4KW and above
- Cooling method is IC411

MOUNTING ARRANGEMENTS

Types	Basic Type of Construction	Derived Types of Construction				
RMS63 - 132	IM B3 IM 1001	IM V5 IM 1011	IM V6 IM 1031	IM B6 IM 1051	IM B7 IM 1061	IM B8 IM 1071
RMS63 - 132	IM B35 Im2001	IM V15 IM 2011	IM V36 IM 2031	IM 2051	IM 2061	IM 2071
RMS63 - 132	IM B34 IM 2101	IM 2111	IM 2131	IM 2151	IM 2161	IM 2171
RMS63 - 132	IM B5 IM 3001	IM V1 IM 3011	IM V6 IM 3031			
RMS63 - 132	IM B14 IM 3601	IM V18 IM 3611	IM V19 IM 3631			

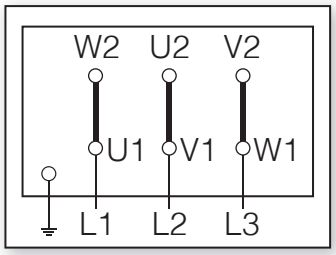
basics types of construction may be used in all derived types of construction

(*) non-defined mounting by IEC 60034-7

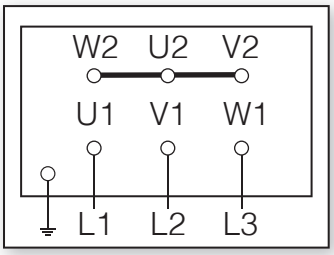
1) for IM V6, IM B6, IM B8 type of construction, inquiry is necessary.

CONNECTION DIAGRAM AND PROTECTION - RMS SERIES

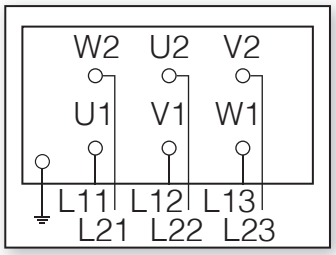
Connection Diagrams (Three Phase Motors with Cage Rotor)



Delta Connection

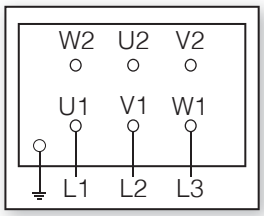


Star Connection

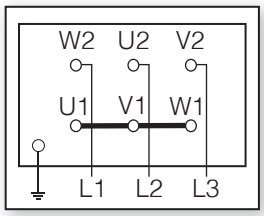


Connection to Star-Delta Starter

Multi-speed motors in Dahlander connection (Tapped winding)

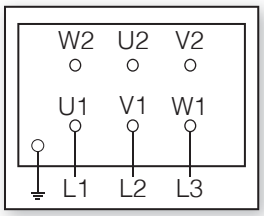


Low Speed

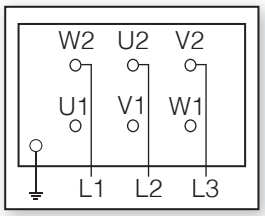


High Speed

Multi-speed motors with 2 separate windings



Low Speed



High Speed

All motors comply to the international standard IEC60034-5. This standard specifies the Degree of Protection of each electric equipment, commonly known as the “IP” code. See table below

Designation of Protection (IEC60034-5)

Designation	First Numeral	Second Numeral
	Protection against contact and ingress of foreign bodies, Protection against hazardous “Live” parts and moving mechanical parts.	Protection against water
	5. Ingress of dust is not totally prevented, but dust shall not interfere with the satisfactory operation of equipment. A probe of 1mm diameter shall not penetrate the enclosure.	5. Water projected in jets against the enclosure from any direction will have no harmful effects.
	6. No ingress of dust.	6. Water projected in power jets shall have no harmful effects.
IP55	Dust protected	Jetting water
IP56	Dust protected	Powerful jetting
IP65	Dust tight	Jetting water
IP66	Dust tight	Powerful jetting

* Data are subjected to revisions without any prior notice.

BEARINGS AND OIL SEAL - RMS SERIES

Frame Size	Driving End bearings	Non-driving End Bearings	Oil Seal
63	6201 2RS/C3	6201 2RS/C3	Φ12 X Φ22 X 7
71	6202 2RS/C3	6202 2RS/C3	Φ15 X Φ25 X 7
80	6204 2RS/C3	6204 2RS/C3	Φ20 X Φ30 X 7
90	6205 2RS/C3	6205 2RS/C3	Φ25 X Φ37 X 7
100	6206 2RS/C3	6206 2RS/C3	Φ30 X Φ42 X 7
112	6206 2RS/C3	6206 2RS/C3	Φ30 X Φ42 X 7
132	6208 2RS/C3	6208 2RS/C3	Φ40 X Φ58 X 8

VIBRATION - RMS SERIES

Vibration Class	Limiting value(root-mean-square value) of vibration strength represented by displacement, speed and acceleration of different height H(mm) shaft center.			
	Height of Shaft Center /mm	56<H≤132		
		Displacement	Speed	Acceleration
		μ/m	mm/s	m/s^2
A	Free Mounting	25	1.6	2.5
	Rigid Mounting	21	1.3	2
B	Free Mounting	11	0.7	1.1
	Rigid Mounting			

Grade “A” applies to machine with no special vibration requirement.

Grade “B” applies to machine with special vibration requirement.
Rigid mounting is not considered acceptable for machine with shaft height of less than 132mm.

The interface frequencies for displacement/velocity are 10Hz and 250Hz respectively.

* Data are subjected to revisions without any prior notice.

TECHNICAL SPECIFICATIONS - RMS SERIES 2 AND 4 POLES 50Hz IE1

Motor Type	Rated Power	Full Load Current/I_n(A)			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
	KW	380V	400V	415V	r/min	%	cosΦ	Ratio			N.M	Kgm^2	Kg
2-POLE/ 3000RPM													
RMS6312	0.18	0.58	0.55	0.53	2720	65.0*	0.73	5.5	2.2	2.2	0.63	0.00011	3.9
RMS6322	0.25	0.82	0.78	0.75	2720	66.0*	0.76	5.5	2.2	2.2	0.88	0.00024	4.4
RMS6332	0.33	0.88	0.84	0.81	2720	70.0*	0.81	6.1	2.2	2.2	1.16	0.00037	4.7
RMS7112	0.37	1.10	1.05	0.99	2760	70.0*	0.81	6.1	2.2	2.2	1.28	0.0005	6.2
RMS7122	0.55	1.40	1.33	1.26	2820	73.0*	0.82	6.1	2.2	2.3	1.86	0.00063	6.3
RMS7132	0.75	1.83	1.74	1.66	2845	74.0	0.82	6.1	2.2	2.3	2.52	0.00076	6.5
RMS8012	0.75	1.83	1.74	1.66	2845	74.0	0.83	6.1	2.4	2.5	2.52	0.00083	8.3
RMS8022	1.1	2.58	2.45	2.33	2840	76.0	0.84	7.0	2.5	2.5	3.70	0.0010	9.0
RMS8032	1.5	3.52	3.35	3.23	2840	77.0	0.84	7.0	2.5	2.5	5.04	0.0012	10.0
RMS90S2	1.5	3.50	3.33	3.20	2840	78.0	0.84	7.0	2.7	2.8	5.04	0.0012	12.5
RMS90L2	2.2	4.91	4.67	4.49	2840	80.0	0.85	7.0	2.5	2.8	7.40	0.0014	14.0
RMS90LB2	3.0	6.54	6.22	5.98	2840	81.0	0.86	7.0	2.5	2.8	10.09	0.00145	16.0
RMS100L2	3.0	6.30	6.07	5.80	2870	82.0	0.87	7.5	2.2	2.5	9.98	0.0029	20.5
RMS100LC2	4.0	8.22	7.81	7.52	2880	84.0	0.88	7.5	2.3	2.5	13.26	0.0039	28.0
RMS112M2	4.0	8.10	7.70	7.40	2880	84.0	0.88	7.5	2.3	2.3	13.26	0.0050	26.0
RMS112MC2	5.5	11.10	10.60	10.20	2900	85.0	0.88	7.5	2.3	2.3	18.11	0.0069	33.0
RMS132S1-2	5.5	11.10	10.60	10.20	2910	85.0	0.88	7.5	2.2	2.5	18.05	0.0104	40.0
RMS132S2-2	7.5	14.90	14.20	13.60	2905	86.3	0.88	7.5	2.2	2.4	24.66	0.0121	44.0
RMS132MC2	11	21.40	20.33	19.60	2910	87.8	0.89	7.5	2.2	2.4	36.10	0.0178	65.0
4-POLE/ 1500RPM													
RMS6314	0.12	0.44	0.42	0.40	1340	57.0*	0.72	4.4	1.8	2.0	0.86	0.0008	4.0
RMS6324	0.18	0.74	0.70	0.68	1340	58.0*	0.73	4.4	1.8	2.0	1.28	0.0009	4.5
RMS6334	0.22	0.79	0.75	0.72	1340	58.0*	0.73	4.4	1.8	2.0	1.57	0.0010	4.9
RMS7114	0.25	0.79	0.75	0.71	1345	65.0*	0.74	5.2	2.1	2.2	1.78	0.0011	6.1
RMS7124	0.37	1.11	1.06	0.99	1340	67.0*	0.75	5.2	2.1	2.2	2.64	0.0012	6.7
RMS7134	0.55	1.57	1.49	1.42	1390	71.0*	0.75	5.3	2.2	2.5	3.78	0.0016	8.2
RMS8014	0.55	1.57	1.49	1.43	1390	71.0*	0.75	5.3	2.2	2.5	3.78	0.0013	8.9
RMS8024	0.75	2.03	1.93	1.84	1380	72.6	0.76	5.3	2.3	2.5	5.19	0.0015	9.6
RMS8034	1.1	2.90	2.76	2.65	1390	75.7	0.76	6.0	2.3	2.5	7.56	0.0019	12.2
RMS90S4	1.1	2.90	2.76	2.65	1390	75.7	0.77	6.0	2.3	2.5	7.56	0.0020	12.5
RMS90L4	1.5	3.74	3.56	3.43	1390	78.0	0.78	6.0	2.3	2.5	10.31	0.0030	15.0
RMS90LB4	2.2	4.72	4.48	4.31	1415	80.0	0.82	7.0	2.3	2.5	14.85	0.0039	19.5
RMS100LA4	2.2	5.16	4.90	4.72	1415	80.0	0.81	7.0	2.3	2.5	14.85	0.0054	19.2
RMS100LB4	3.0	6.70	6.37	6.10	1415	82.0	0.82	7.0	2.3	2.5	20.25	0.0067	23.0
RMS100LC4	4.0	8.70	8.27	7.90	1430	83.9	0.83	7.0	2.3	2.5	26.71	0.0069	25.9
RMS112M4	4.0	8.70	8.27	7.90	1430	83.9	0.83	7.0	2.3	2.5	26.71	0.0091	29.0
RMS112MC4	5.5	11.89	11.30	10.89	1445	85.0	0.83	7.0	2.3	2.5	36.35	0.0117	37.5
RMS132S4	5.5	11.89	11.30	10.89	1445	85.0	0.83	7.0	2.3	2.5	36.35	0.0205	43.5
RMS132M4	7.5	15.50	14.73	14.10	1445	86.4	0.84	7.0	2.3	2.5	49.57	0.0296	53.5
RMS132MC4	11.0	22.60	21.50	20.70	1460	87.9	0.84	7.0	2.2	2.3	71.95	0.0326	75.6

* Defined by Wonder
All values of current indicated have a tolerance level of ± 3%
Efficiencies according to the indirect method of IEC 60034-2-1:2007 with stray load losses determined from measurement.

IST = Locked Rotor Current
IFL = Full Load Current
TM = Maximum Torque
TFL = Full Load Torque
TST = Locked Rotor Torque

WONDER®

* Data are subjected to revisions without any prior notice.

TECHNICAL SPECIFICATIONS - RMS SERIES 6 AND 8 POLES 50Hz

IE1

Motor Type	Rated Power	Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
	KW	380V	400V	415V	r/min	%	cosΦ	Ratio			N.M	Kgm^2	Kg
6-POLE/ 1000RPM													
RMS6316	0.09	0.48	0.46	0.44	860	48.0*	0.59	4.0	1.9	2.0	1.00	0.0009	4.5
RMS6326	0.12	0.60	0.56	0.54	860	51.5*	0.59	4.0	1.9	2.0	1.33	0.0010	5.6
RMS7116	0.18	0.73	0.70	0.67	860	56.0*	0.66	4.0	1.9	2.0	2.00	0.0011	6.4
RMS7126	0.25	0.94	0.90	0.87	860	59.0*	0.68	4.0	1.9	2.0	2.78	0.0012	6.5
RMS8016	0.37	1.29	1.23	1.18	885	62.0*	0.70	4.7	2.0	2.1	3.99	0.0016	8.5
RMS8026	0.55	1.79	1.70	1.63	885	65.0*	0.72	4.7	2.0	2.1	5.94	0.002	9.2
RMS90S6	0.75	2.26	2.15	2.07	915	70.0	0.72	5.5	2.0	2.2	7.83	0.003	12.0
RMS90L6	1.1	3.13	2.98	2.87	915	72.9	0.73	5.5	2.0	2.2	11.48	0.004	14.0
RMS100L6	1.5	4.20	3.99	3.79	920	75.5	0.75	5.5	2.1	2.3	15.57	0.0069	19.5
RMS112M6	2.2	5.90	5.60	5.40	940	78.4	0.76	6.5	2.2	2.2	22.35	0.0071	28.0
RMS132S6	3.0	7.49	7.12	6.85	960	80.0	0.76	6.5	2.2	2.8	29.84	0.0274	38.0
RMS132M1-6	4.0	9.00	8.55	8.24	965	81.5	0.76	6.5	2.4	2.9	39.59	0.0343	45.0
RMS132M2-6	5.5	12.9	12.3	11.86	960	83.3	0.77	6.5	2.4	2.8	54.71	0.0431	54.0
8-POLE/ 750RPM													
RMS7118	0.09	0.71	0.68	0.65	635	39.0*	0.49	2.9	1.8	2.0	1.35	0.0011	6.5
RMS7128	0.12	0.78	0.74	0.71	635	48.0*	0.49	2.9	1.8	2.0	1.80	0.0015	7.5
RMS8018	0.18	0.88	0.84	0.81	645	51.0*	0.61	2.9	1.8	2.0	2.67	0.0018	8.3
RMS8028	0.25	1.15	1.10	1.06	645	54.0*	0.61	2.9	1.8	2.0	3.70	0.0021	9.0
RMS90S8	0.37	1.48	1.41	1.36	670	62.0*	0.61	3.2	1.9	2.3	5.27	0.0030	12.0
RMS90L8	0.55	2.18	2.07	1.99	670	63.0*	0.61	3.2	2.0	2.3	7.84	0.004	15.0
RMS100LA-8	0.75	2.54	2.42	2.25	680	66.7	0.67	4.7	1.8	2.2	10.53	0.0063	16.4
RMS100LB-8	1.1	3.46	3.29	3.17	680	69.9	0.69	5.0	1.8	2.2	15.45	0.0097	21.8
RMS112M8	1.5	4.52	4.30	4.14	700	73.0	0.69	5.0	2.0	2.5	20.46	0.0120	29.0
RMS132S8	2.2	6.18	5.88	5.66	710	76.1	0.71	6.0	1.8	2.5	29.59	0.0290	39.0
RMS132M8	3.0	7.98	7.59	7.30	710	78.2	0.73	6.0	1.8	2.4	40.35	0.0380	45.0

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Efficiencies according to the indirect method of IEC 60034-2-1:2007 with stray load losses determined from measurement.

IST = Locked Rotor Current
IFL = Full Load Current
TM = Maximum Torque
TFL = Full Load Torque
TST= Locked Rotor Torque

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TECHNICAL SPECIFICATIONS - RMS SERIES 2 AND 4 POLES 60Hz

IE1

Motor Type	Rated Power	Full Load Current /I_n(A)			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
	KW	440V	460V	480V	r/min	%	cosΦ	Ratio			N.M	Kgm^2	Kg
2-POLE/ 3600RPM													
RMS6312	0.18	0.47	0.45	0.43	3260	68.0*	0.73	5.5	2.2	2.2	0.53	-	3.9
RMS6322	0.25	0.64	0.61	0.59	3260	69.0*	0.76	5.5	2.2	2.2	0.73	-	4.4
RMS6332	0.33	0.75	0.71	0.68	3260	73.0*	0.79	6.1	2.2	2.2	0.97	-	4.7
RMS7112	0.37	0.80	0.77	0.74	3310	73.0*	0.81	6.1	2.2	2.2	1.07	0.0005	6.2
RMS7122	0.55	1.14	1.09	1.05	3385	73.0*	0.82	6.1	2.2	2.3	1.55	0.00063	6.3
RMS7132	0.75	1.51	1.44	1.38	3410	75.0	0.82	6.1	2.2	2.3	2.10	0.00076	6.5
RMS8012	0.75	1.50	1.43	1.38	3410	77.0	0.83	6.1	2.4	2.5	2.10	0.00083	8.3
RMS8022	1.1	2.17	2.08	2.00	3405	78.5	0.84	7.0	2.5	2.5	3.09	0.0010	9.0
RMS8032	1.5	2.94	2.81	2.69	3405	81.0	0.84	7.0	2.5	2.5	4.21	0.0012	10.0
RMS90S2	1.5	2.94	2.81	2.69	3405	81.0	0.84	7.0	2.7	2.8	4.21	0.0012	12.5
RMS90L2	2.2	4.03	3.85	3.70	3405	81.5	0.85	7.0	2.5	2.8	6.17	0.0014	14.0
RMS90LB2	3.0	5.46	5.22	4.98	3440	83.0	0.86	7.0	2.5	2.8	8.33	0.00145	16.0
RMS100L2	3.0	5.46	5.22	4.98	3440	83.0	0.87	7.5	2.2	2.5	8.33	0.0029	20.5
RMS100LC2	4.0	6.83	6.53	6.26	3455	84.5	0.88	7.5	2.3	2.5	11.06	0.0039	28.0
RMS112M2	4.0	6.83	6.53	6.26	3455	84.5	0.88	7.5	2.3	2.3	11.06	0.0050	26.0
RMS112MC2	5.5	10.0	9.57	9.13	3490	86.0	0.85	7.5	2.3	2.3	15.05	0.0069	33.0
RMS132S1-2	5.5	10.0	9.57	9.13	3490	86.0	0.85	7.5	2.2	2.5	15.05	0.0104	40.0
RMS132S2-2	7.5	12.5	11.96	11.46	3485	87.5	0.90	7.5	2.2	2.4	20.55	0.0121	44.0
RMS132MC2	11	17.91	17.13	16.42	3490	87.5	0.89	7.5	2.2	2.4	30.10	0.0178	65.0
4-POLE/ 1800RPM													
RMS6314	0.12	0.38	0.36	0.35	1605	56.0*	0.72	4.4	1.8	2.0	0.71	-	4.0
RMS6324	0.18	0.59	0.56	0.54	1605	57.0*	0.71	4.4	1.8	2.0	1.07	-	4.5
RMS6334	0.22	0.65	0.62	0.60	1605	58.0*	0.73	4.4	1.8	2.0	1.31	-	4.9
RMS7114	0.25	0.65	0.62	0.60	1610	63.0*	0.71	5.2	2.1	2.2	1.48	0.0011	6.1
RMS7124	0.37	0.90	0.86	0.83	1605	67.0*	0.76	5.2	2.1	2.2	2.20	0.0012	6.7
RMS7134	0.55	1.30	1.24	1.19	1665	71.0*	0.73	5.3	2.2	2.5	3.15	0.0016	8.2
RMS8014	0.55	1.38	1.32	1.26	1665	71.0*	0.73	5.3	2.2	2.5	3.15	0.0013	8.9
RMS8024	0.75	1.68	1.61	1.54	1655	78.0	0.73	5.3	2.3	2.5	4.33	0.0015	9.6
RMS8034	1.1	2.51	2.40	2.29	1665	79.0	0.73	6.0	2.3	2.5	6.31	0.0019	12.2
RMS90S4	1.1	2.51	2.40	2.29	1665	79.0	0.73	6.0	2.3	2.5	6.31	0.0020	12.5
RMS90L4	1.5	3.04	2.91	2.79	1665	81.5	0.74	6.0	2.3	2.5	8.60	0.0030	15.0
RMS90LB4	2.2	4.75	4.55	4.34	1695	83.0	0.73	7.0	2.3	2.5	12.40	0.0039	19.5
RMS100LA4	2.2	4.75	4.55	4.34	1695	83.0	0.73	7.0	2.3	2.5	12.40	0.0054	19.2
RMS100LB4	3.0	5.51	5.27	5.05	1695	84.0	0.78	7.0	2.3	2.5	16.90	0.0067	23.0
RMS100LC4	4.0	7.36	7.04	6.75	1715	85.0	0.81	7.0	2.3	2.5	22.27	0.0069	25.9
RMS112M4	4.0	7.36	7.04	6.75	1715	85.0	0.81	7.0	2.3	2.5	22.27	0.0091	29.0
RMS112MC4	5.5	10.0	9.57	9.18	1730	87.0	0.82	7.0	2.3	2.5	30.36	0.0117	37.5
RMS132S4	5.5	10.0	9.57	9.18	1730	87.0	0.82	7.0	2.3	2.5	30.36	0.0205	43.5
RMS132M4	7.5	13.0	12.4	11.91	1730	87.5	0.84	7.0	2.3	2.5	41.40	0.0296	53.5
RMS132MC4	11.0	19.4	18.6	17.7	1750	88.5	0.84	7.0	2.2	2.3	60.03	0.0326	75.6

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TECHNICAL SPECIFICATIONS - RMS SERIES 6 AND 8 POLES 60Hz IE1

Motor Type	Rated Power	Current (IFL) /A			Rated Speed	Full load Efficiency	Power Factor	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Moment of Inertia J	Weight
	KW	440V	460V	480V	r/min	%	cosΦ	Ratio			N.M	Kgm^2	Kg
6-POLE/ 1200RPM													
RMS6316	0.09	0.42	0.40	0.38	1030	48.0*	0.59	4.0	1.9	2.0	0.83	-	4.5
RMS6326	0.12	0.62	0.59	0.56	1030	49.0*	0.52	4.0	1.9	2.0	1.11	-	5.6
RMS7116	0.18	0.64	0.61	0.58	1030	56.0*	0.66	4.0	1.9	2.0	1.67	0.0011	6.4
RMS7126	0.25	0.82	0.78	0.75	1030	59.0*	0.68	4.0	1.9	2.0	2.32	0.0012	6.5
RMS8016	0.37	1.12	1.07	1.02	1060	62.0*	0.70	4.7	2.0	2.1	3.33	0.0016	8.5
RMS8026	0.55	1.54	1.48	1.41	1060	65.0*	0.71	4.7	2.0	2.1	4.96	0.002	9.2
RMS90S6	0.75	1.90	1.82	1.73	1095	73.0	0.72	5.5	2.0	2.2	6.54	0.003	12.0
RMS90L6	1.1	2.68	2.56	2.45	1095	75.0	0.72	5.5	2.0	2.2	9.59	0.004	14.0
RMS100L6	1.5	3.40	3.25	3.12	1100	77.0	0.76	5.5	2.1	2.3	13.02	0.0069	19.5
RMS112M6	2.2	4.55	4.35	4.20	1120	79.0	0.76	6.5	2.2	2.2	18.76	0.0071	28.0
RMS132S6	3.0	6.37	6.09	5.81	1150	81.0	0.76	6.5	2.2	2.8	24.91	0.0274	38.0
RMS132M1-6	4.0	7.60	7.30	7.00	1155	83.5	0.74	6.5	2.4	2.9	33.07	0.0343	45.0
RMS132M2-6	5.5	10.71	10.24	9.82	1150	85.0	0.76	6.5	2.4	2.8	45.67	0.0431	54.0
8-POLE/ 900RPM													
RMS7118	0.09	0.62	0.59	0.56	760	39.0*	0.49	2.9	1.8	2.0	1.13	-	6.5
RMS7128	0.12	0.67	0.64	0.61	760	48.0*	0.49	2.9	1.8	2.0	1.51	-	7.5
RMS8018	0.18	0.76	0.73	0.69	770	51.0*	0.61	2.9	1.8	2.0	2.23	0.0018	8.3
RMS8028	0.25	1.00	0.96	0.91	770	54.0*	0.61	2.9	1.8	2.0	3.10	0.0021	9.0
RMS90S8	0.37	1.36	1.31	1.24	800	58.0*	0.61	3.2	1.9	2.3	4.42	0.0030	12.0
RMS90L8	0.55	1.91	1.82	1.74	800	62.0*	0.61	3.2	2.0	2.3	6.57	0.004	15.0
RMS100LA-8	0.75	2.09	2.00	1.91	820	70.0	0.67	4.7	1.8	2.2	8.73	0.0063	16.4
RMS100LB-8	1.1	2.91	2.78	2.66	825	72.0	0.68	5.0	1.8	2.2	12.73	0.0097	21.8
RMS112M8	1.5	3.82	3.65	3.48	875	75.0	0.69	5.0	2.0	2.5	16.37	0.0120	29.0
RMS132S8	2.2	5.18	4.96	4.73	850	78.0	0.71	6.0	1.8	2.5	24.72	0.0290	39.0
RMS132M8	3.0	6.82	6.52	6.23	850	79.0	0.73	6.0	1.8	2.4	33.71	0.0380	45.0

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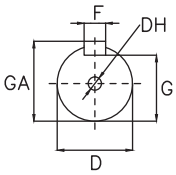
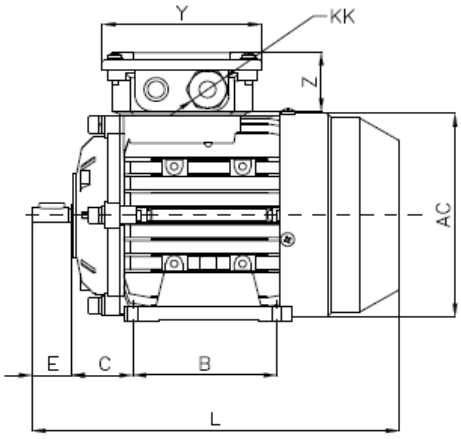
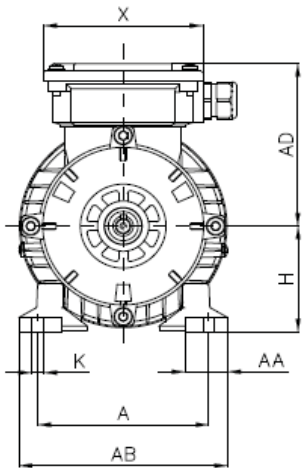
MOUNTING AND OVERALL DIMENSIONS - RMS SERIES

B3







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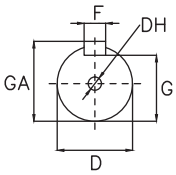
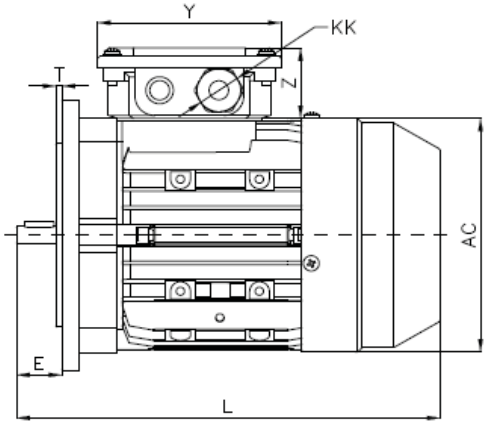
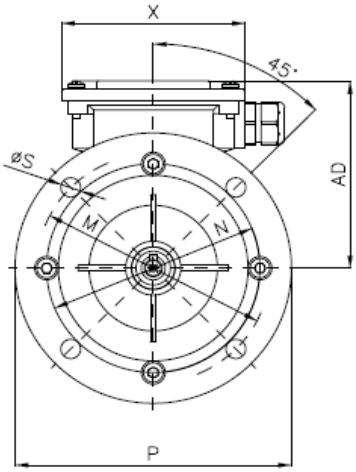
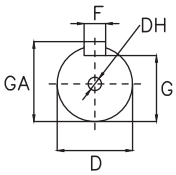
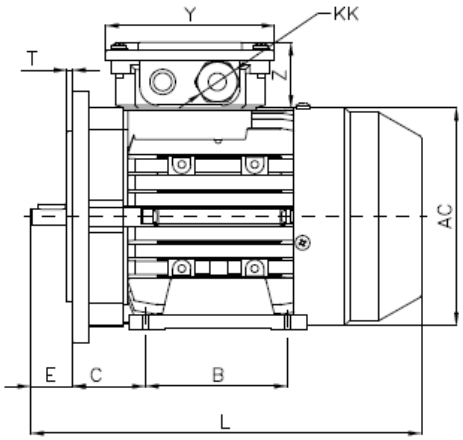


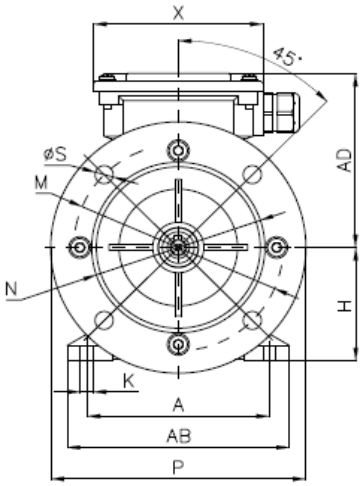




B35







Frame Size	Mounting Dimensions (mm)															Overall Dimensions (mm)							
	A	AA	AB	AC	AD	B	C	D	DH	E	F	G	H	K	KK	L	M	N	P	S	T	GA	XxYxZ(mm)
RMS63	100	25	122	122	99	80	40	11	M4x10	23	4	8.5	63	7	M16x1.5	218	115	95	140	9	3	12.5	92x92x38
RMS71	112	26	136	138	109	90	45	14	M5x12	30	5	11	71	7	M18x1.5	251	130	110	160	9	3.5	16	103x103x38
RMS80	125	30	154	157	112	100	50	19	M6x16	40	6	15.5	80	10	M20x1.5	286	165	130	200	12	3.5	21.5	110x110x35.5
RMS90S	140	34.5	174	175	123	100	56	24	M8x19	50	8	20	90	10	M20x1.5	320	165	130	200	12	3.5	27	110x110x35.5
RMS90L	140	38	174	175	123	125	56	24	M8x19	50	8	20	90	10	M20x1.5	335	165	130	200	12	3.5	27	110x110x35.5
RMS100L	160	39	194	196	139	140	63	28	M10x22	60	8	24	100	12	M20x1.5	377	215	180	250	15	4	31	110x110x35.5
RMS112M	190	45	224	220	156	140	70	28	M10x22	60	8	24	112	12	M25x1.5	395	215	180	250	15	4	31	144x144x44
RMS132S	216	48	256	260	185	140	89	38	M12x28	80	10	33	132	12	M25x1.5	472	265	230	300	15	4	41	144x144x44
RMS132M	216	48	256	260	185	178	89	38	M12x28	80	10	33	132	12	M25x1.5	510	265	230	300	15	4	41	144x144x44

R=0 distance from flange to shaft shoulder

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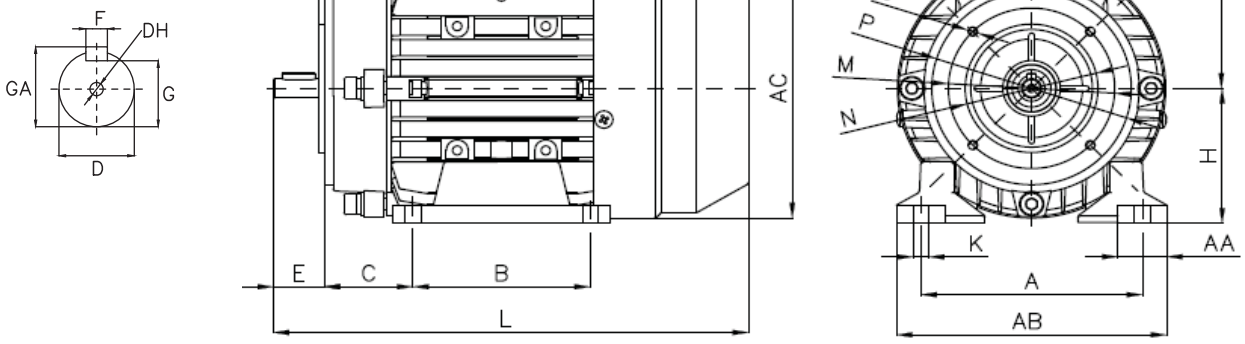
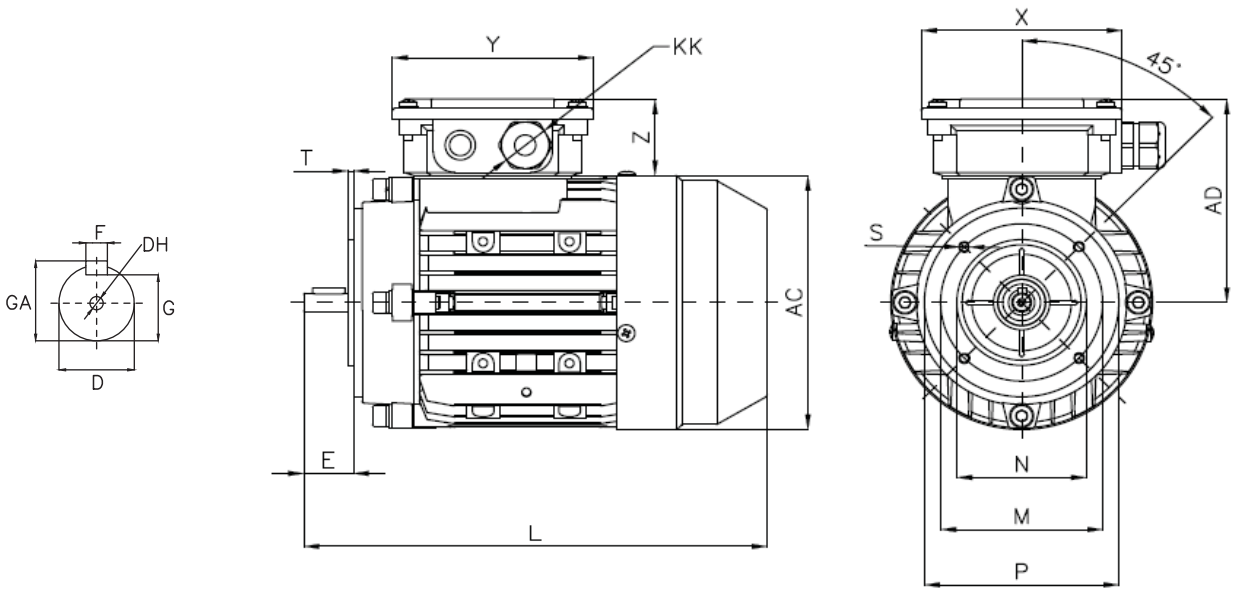
MOUNTING AND OVERALL DIMENSIONS - RMS SERIES

B34



B14



Frame Size	Mounting Dimensions (mm)															Overall Dimensions (mm)							
	A	AA	AB	AC	AD	B	C	D	DH	E	F	G	H	K	KK	L	M	N	P	S	T	GA	XxYxZ(mm)
RMS63	100	25	122	122	99	80	40	11	M4x10	23	4	8.5	63	7	M16x1.5	218	75	60	90	M5	3	12.5	92x92x38
RMS71	112	26	136	138	109	90	45	14	M5x12	30	5	11	71	7	M18x1.5	251	85	70	105	M6	3.5	16	103x103x38
RMS80	125	30	154	157	112	100	50	19	M6x16	40	6	15.5	80	10	M20x1.5	286	100	80	120	M6	3.5	21.5	110x110x35.5
RMS90S	140	34.5	174	175	123	100	56	24	M8x19	50	8	20	90	10	M20x1.5	335	115	95	140	M8	3.5	27	110x110x35.5
RMS90L	140	38	174	175	123	125	56	24	M8x19	50	8	20	90	10	M20x1.5	350	115	95	140	M8	3.5	27	110x110x35.5
RMS100L	160	39	194	196	139	140	63	28	M10x22	60	8	24	100	12	M20x1.5	377	130	110	160	M8	4	31	110x110x35.5
RMS112M	190	45	224	220	156	140	70	28	M10x22	60	8	24	112	12	M25x1.5	395	130	110	160	M8	4	31	144x144x44
RMS132S	216	48	256	260	185	140	89	38	M12x28	80	10	33	132	12	M25x1.5	472	165	130	200	M10	4	41	144x144x44
RMS132M	216	48	256	260	185	178	89	38	M12x28	80	10	33	132	12	M25x1.5	510	165	130	200	M10	4	41	144x144x44

R=0 distance from flange to shaft shoulder

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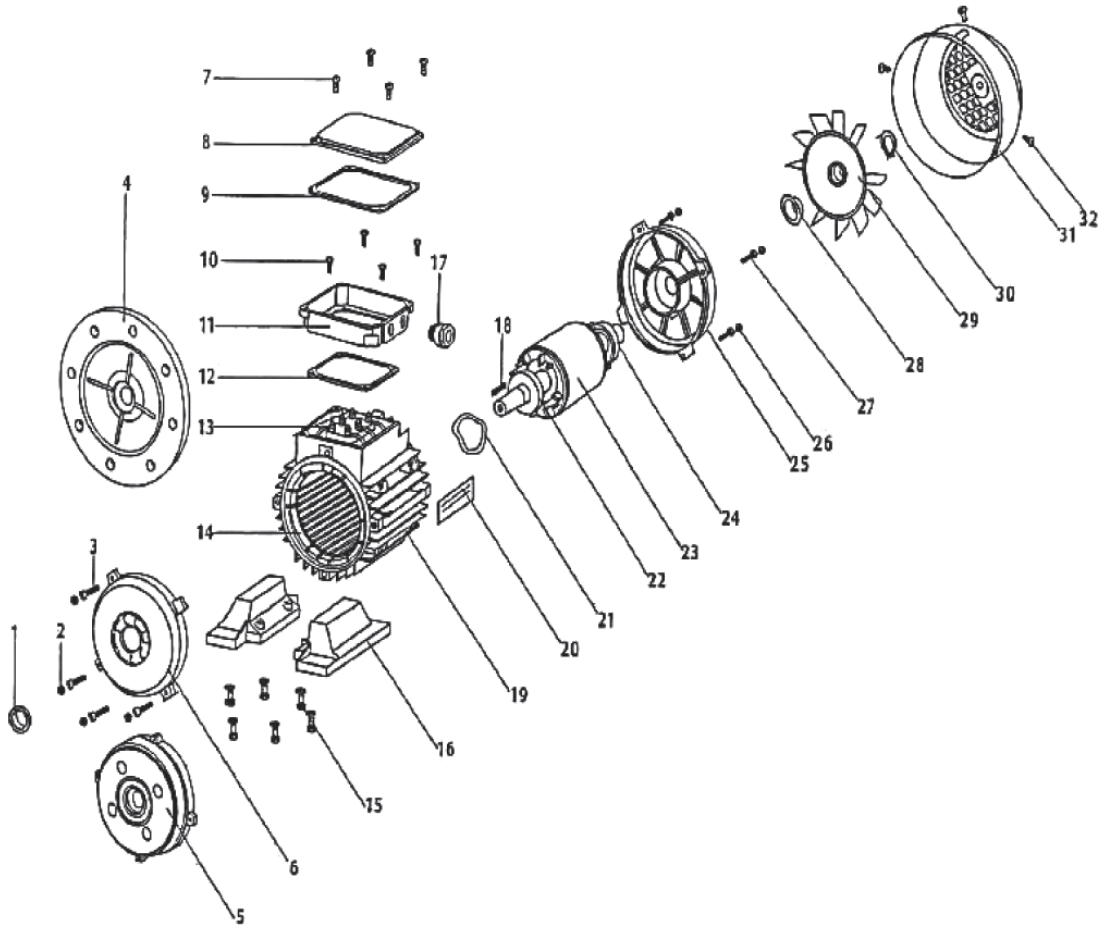
MOTOR SPARE PART LIST/DRAWING - RMS SERIES



1	Oil Seal
2	Washer
3	Mounting studs screws
4	Flange B5
5	Flange B14
6	End shield B3
7	Screws for fixing terminal box(cover) IP55
8	Terminal box cover
9	Terminal seal IP55
10	Screws for fixing terminal box(base) IP55
11	Terminal box base
12	Terminal seal IP55
13	Terminal board complete with components
14	Wound stator
15	Screws for fixing removable feet
16	Removable feet
17	Cable gland
18	Key
19	Frame
20	Name plate
21	Spring washer
22	Bearing (DE)
23	Rotor with shaft
24	Bearing (NDE)
25	NDE shield
26	Washer
27	Mounting studs screws
28	Oilseal
29	Fan
30	Circlip
31	Fan cover
32	Screws for fixing fan cover

* Data are subjected to revisions without any prior notice.

MY ML SERIES

SINGLE PHASE TEFC ALUMINIUM INDUCTION MOTORS

These motors are single phase aluminium motors.

MY is capacitor run series which is mainly used for low start torque application such as fans and pumps.

ML is dual capacitors series. This series comes with centrifugal switch, which is suitable for high start torque application such as air compressor.

Characteristics for all WONDER standard 3-Phase asynchronous motors

- Widely applied in general machinery and industries such as pumps & water treatment, road machinery, petroleum, chemical, metallurgy, cement and paper-milling.
- IP55 protection, Class F Insulation, B Temperature rise, S1 duty
- Rated voltage 220V, 230V, 240V
- Rated frequency 50Hz
- Operation conditions: ambient temperature: -20°C ~ 40°C, altitude ≤ 1000m
- Other voltage and 60Hz frequency available upon request
- Cooling method is IC411

MOUNTING ARRANGEMENTS

Basic Type of Construction	Derived Types of Construction				
IM B3 IM 1001	IM V5 IM 1011	IM V6 IM 1031	IM B6 IM 1051	IM B7 IM 1061	IM B8 IM 1071
IM B35 Im2001	IM V15 IM 2011	IM V36 IM 2031	* IM 2051	* IM 2061	* IM 2071
IM B34 IM 2101	* IM 2111	* IM 2131	* IM 2151	* IM 2161	* IM 2171
IM B5 IM 3001	IM V1 IM 3011	IM V6 IM 3031			
IM B14 IM 3601	IM V18 IM 3611	IM V19 IM 3631			

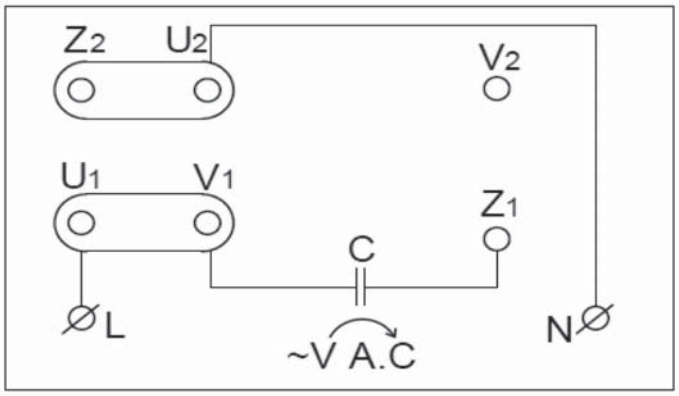
basics types of construction may be used in all derived types of construction

(*) non-defined mounting by IEC 60034-7

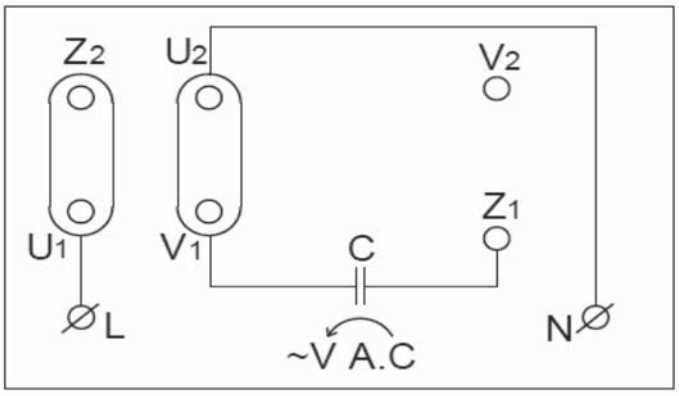
1) for IM V6, IM B6, IM B8 types of construction, inquiry is necessary.

CONNECTION DIAGRAM, BEARINGS AND OIL SEAL - MY ML SERIES

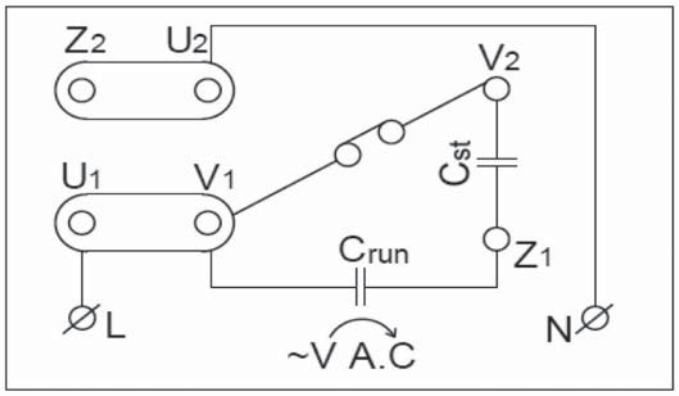
CONNECTION DIAGRAM



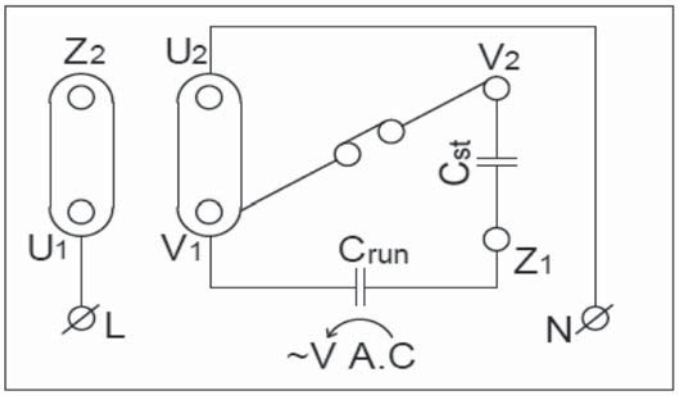
MY - CLOCKWISE DIRECTION



MY - ANTICLOCKWISE DIRECTION



ML - CLOCKWISE DIRECTION



ML - ANTICLOCKWISE DIRECTION

Note: The rotational direction indicated is from the point of view of the shaft extension end.

Ensure that the wiring connections are correct before the motor is started. The motor can only be started when the wiring connections are made in accordance with the above wiring diagram which is also given on the terminal box. If you like to vary rotational direction of the motor, you may refer to the above wiring diagram for different ways of connection which effects the relevant rotational direction change.

BEARINGS AND OIL SEAL - MY ML SERIES

Frame Size	Driving End bearings	Non-driving End Bearings	Oil Seal
56	6201 2RS/C3	6201 2RS/C3	Φ12 X Φ22 X 5
63	6201 2RS/C3	6201 2RS/C3	Φ12 X Φ22 X 7
71	6202 2RS/C3	6202 2RS/C3	Φ15 X Φ25 X 7
80	6204 2RS/C3	6204 2RS/C3	Φ20 X Φ30 X 7
90	6205 2RS/C3	6205 2RS/C3	Φ25 X Φ37 X 7
100	6206 2RS/C3	6206 2RS/C3	Φ30 X Φ42 X 7
112	6206 2RS/C3	6206 2RS/C3	Φ30 X Φ42 X 7

* Data are subjected to revisions without any prior notice.

TECHNICAL SPECIFICATIONS - MY SERIES (50Hz)

Motor Type	Output	Rated Speed	Current (IFL) /A			Full-load Power Factor	Full Load Efficiency	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Running Capacitor (450V)	Weight
	KW	r/min	220V	230V	240V	cosϕ	%	Ratio			N.M	μF	Kg
2 POLES 50Hz													
MY5612	0.09	2730	0.79	0.75	0.72	0.92	56	3.2	0.50	1.7	0.31	6	3.2
MY5622	0.12	2730	0.99	0.94	0.91	0.92	60	3.5	0.50	1.7	0.42	6	3.4
MY6312	0.18	2740	1.37	1.31	1.25	0.92	65	3.7	0.40	1.7	0.63	6	3.9
MY6322	0.25	2740	1.87	1.78	1.71	0.92	66	3.7	0.40	1.7	0.87	8	4.4
MY7112	0.37	2750	2.73	2.61	2.50	0.92	67	3.7	0.35	1.7	1.28	12	6.2
MY7122	0.55	2760	3.90	3.73	3.60	0.92	70	3.9	0.35	1.7	1.90	16	6.3
MY8012	0.75	2780	5.20	4.97	4.80	0.92	72	3.9	0.33	1.7	2.58	30	8.3
MY8022	1.1	2790	7.02	6.71	6.43	0.95	75	4.3	0.33	1.7	3.77	35	9.0
MY90S-2	1.5	2800	9.50	9.09	8.70	0.95	76	4.8	0.30	1.7	5.12	40	13.0
MY90L-2	2.2	2800	13.70	13.10	12.60	0.95	77	4.8	0.30	1.7	7.50	40	15.0
4 POLES 50Hz													
MY5614	0.06	1330	0.61	0.58	0.56	0.9	50	3.3	0.45	1.7	0.43	6	3.2
MY5624	0.09	1340	0.87	0.83	0.79	0.9	52	2.9	0.45	1.7	0.64	6	3.4
MY6314	0.12	1350	1.06	1.01	0.97	0.9	57	3.2	0.40	1.7	0.85	6	4.0
MY6324	0.18	1360	1.54	1.47	1.41	0.9	59	3.3	0.40	1.7	1.26	8	4.5
MY7114	0.25	1370	2.02	1.93	1.85	0.92	61	3.4	0.35	1.7	1.74	12	6.1
MY7124	0.37	1370	2.95	2.82	2.70	0.92	62	3.4	0.35	1.7	2.58	16	7.0
MY8014	0.55	1380	4.30	4.11	3.94	0.92	64	3.5	0.35	1.7	3.81	25	9.5
MY8024	0.75	1380	5.45	5.21	4.99	0.92	68	3.7	0.32	1.7	5.19	30	10.0
MY90S-4	1.1	1390	7.41	7.08	6.79	0.95	71	4	0.32	1.7	7.56	40	13.0
MY90L-4	1.5	1400	9.85	9.40	9.01	0.95	73	4.6	0.30	1.7	10.23	40	16.0
MY100L-4	2.2	1360	13.60	13.00	12.80	0.98	72	4.7	0.30	1.7	15.45	70	19.2
6 POLES 50Hz													
MY7116	0.18	820	1.5	1.43	1.37	0.87	64	2.6	0.94	1.7	2.10	8	6.4
MY7126	0.25	820	2.5	2.4	2.3	0.93	57	2	0.89	1.7	2.91	10	6.5
MY8016	0.37	830	2.73	2.61	2.51	0.95	64	2.4	0.28	1.2	4.26	12	8.5
MY8026	0.55	830	4.18	4	3.83	0.99	59	2.26	0.35	1.2	6.33	16	9.2
MY90S-6	0.75	860	5.5	5.2	5	0.93	67	1.7	0.72	1.2	8.33	25	12
MY90L-6	1.1	870	7.7	7.3	7	0.94	69	2.55	0.34	1.3	12.07	35	14

* Defined by Wonder
All values of current indicated have a tolerance level of ± 3%

IST = Locked Rotor Current
IFL = Full Load Current
TM = Maximum Torque
TFL = Full Load Torque
TST = Locked Rotor Torque

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TECHNICAL SPECIFICATIONS - MY SERIES (60Hz)

Motor Type	Output	Rated Speed	Current (IFL) /A			Full-load Power Factor	Full Load Efficiency	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Running Capacitor (450V)	Weight
	KW	r/min	220V	230V	240V	cosϕ	%	Ratio			N.M	μF	Kg
2 POLES 60Hz													
MY5612	0.09	3276	0.79	0.75	0.72	0.92	56	3.2	0.50	1.7	0.26	6	3.2
MY5622	0.12	3276	0.99	0.94	0.91	0.92	60	3.5	0.50	1.7	0.35	6	3.4
MY6312	0.18	3288	1.37	1.31	1.25	0.92	65	3.7	0.40	1.7	0.52	6	3.9
MY6322	0.25	3288	1.87	1.78	1.71	0.92	66	3.7	0.40	1.7	0.73	8	4.4
MY7112	0.37	3300	2.73	2.61	2.50	0.92	67	3.7	0.35	1.7	1.07	12	6.2
MY7122	0.55	3312	3.90	3.73	3.60	0.92	70	3.9	0.35	1.7	1.59	16	6.3
MY8012	0.75	3336	5.20	4.97	4.80	0.92	72	3.9	0.33	1.7	2.15	30	8.3
MY8022	1.1	3348	7.02	6.71	6.43	0.95	75	4.3	0.33	1.7	3.14	35	9.0
MY90S-2	1.5	3360	9.50	9.09	8.70	0.95	76	4.8	0.30	1.7	4.26	40	13.0
MY90L-2	2.2	3360	13.70	13.10	12.60	0.95	77	4.8	0.30	1.7	6.25	40	15.0
4 POLES 60Hz													
MY5614	0.06	1596	0.61	0.58	0.56	0.9	50	3.3	0.45	1.7	0.36	6	3.2
MY5624	0.09	1608	0.87	0.83	0.79	0.9	52	2.9	0.45	1.7	0.53	6	3.4
MY6314	0.12	1620	1.06	1.01	0.97	0.9	57	3.2	0.40	1.7	0.71	6	4.0
MY6324	0.18	1632	1.54	1.47	1.41	0.9	59	3.3	0.40	1.7	1.05	8	4.5
MY7114	0.25	1644	2.02	1.93	1.85	0.92	61	3.4	0.35	1.7	1.45	12	6.1
MY7124	0.37	1644	2.95	2.82	2.70	0.92	62	3.4	0.35	1.7	2.15	16	7.0
MY8014	0.55	1656	4.30	4.11	3.94	0.92	64	3.5	0.35	1.7	3.17	25	9.5
MY8024	0.75	1656	5.45	5.21	4.99	0.92	68	3.7	0.32	1.7	4.33	30	10.0
MY90S-4	1.1	1668	7.41	7.08	6.79	0.95	71	4	0.32	1.7	6.30	40	13.0
MY90L-4	1.5	1680	9.85	9.40	9.01	0.95	73	4.6	0.30	1.7	8.53	40	16.0
MY100L-4	2.2	1632	13.60	13.00	12.80	0.98	72	4.7	0.30	1.7	12.87	70	19.2
6 POLES 60Hz													
MY7116	0.18	984	1.5	1.43	1.37	0.87	64	2.6	0.94	1.7	1.75	8	6.4
MY7126	0.25	984	2.5	2.4	2.3	0.93	57	2	0.89	1.7	2.43	10	6.5
MY8016	0.37	996	2.73	2.61	2.51	0.95	64	2.4	0.28	1.2	3.55	12	8.5
MY8026	0.55	996	4.18	4	3.83	0.99	59	2.26	0.35	1.2	5.27	16	9.2
MY90S-6	0.75	1032	5.5	5.2	5	0.93	67	1.7	0.72	1.2	6.94	25	12
MY90L-6	1.1	1044	7.7	7.3	7	0.94	69	2.55	0.34	1.3	10.06	35	14

* Defined by Wonder
All values of current indicated have a tolerance level of ± 3%

IST = Locked Rotor Current
IFL = Full Load Current
TM = Maximum Torque
TFL = Full Load Torque
TST = Locked Rotor Torque

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TECHNICAL SPECIFICATIONS - ML SERIES (50Hz)

Motor Type	Output	Rated Speed	Current (IFL) /A			Full-load Power Factor	Full Load Efficiency	IST/ IFL	TST/ TFL	TM/ TFL	TFL	Capacitor		Weight
	KW	r/min	220V	230V	240V	cosϕ	%	Ratio			N.M	Starting (250V) μF	Running (450V) μF	Kg
2 POLES 50Hz														
ML7112	0.37	2750	2.73	2.61	2.50	0.92	67	5.2	1.8	1.7	1.28	75	10.0	6.2
ML7122	0.55	2760	3.90	3.73	3.60	0.92	70	5.3	1.8	1.7	1.90	75	16.0	6.3
ML8012	0.75	2800	4.94	4.72	4.52	0.92	75	5.7	1.8	1.7	2.56	100	25.0	8.3
ML8022	1.10	2800	6.75	6.45	6.18	0.95	78	5.6	1.8	1.7	3.75	150	25.0	9.0
ML90S-2	1.50	2800	9.20	8.79	8.43	0.95	78	6.0	1.7	1.7	5.12	300	40.0	12.5
ML90L-2	2.20	2800	12.80	12.24	11.70	0.95	82	6.2	1.7	1.7	7.50	300	40.0	14.0
ML100L1-2	3.00	2820	17.30	16.50	15.80	0.95	83	6.4	1.7	1.7	10.16	400	55.0	20.5
ML112M-2	3.70	2820	21.10	20.20	19.30	0.96	83	6.5	1.7	1.7	12.53	400	50.0	26.0
4 POLES 50Hz														
ML7114	0.25	1370	2.1	2	1.93	0.9	60	5.2	1.8	1.7	1.74	75	10	6.3
ML7124	0.37	1370	3.00	2.87	2.75	0.92	61	5.3	1.80	1.7	2.58	75	12	7.2
ML8014	0.55	1400	3.88	3.71	3.55	0.92	70	5.4	1.80	1.7	3.75	100	25	8.9
ML8024	0.75	1400	5.22	4.99	4.78	0.92	71	5.5	1.80	1.7	5.12	150	25	9.6
ML90S-4	1.10	1400	6.93	6.62	6.35	0.95	76	5.7	1.70	1.7	7.50	200	35	13.0
ML90L-4	1.50	1400	9.20	8.79	8.43	0.95	78	6	1.70	1.7	10.23	200	40	16.0
ML100LA-4	2.20	1410	13.20	12.60	12.10	0.95	80	6.1	1.70	1.7	14.90	400	50	23.0
ML100LB-4	3.00	1420	17.30	16.50	15.80	0.95	83	6.4	1.70	1.7	20.18	400	50	27.0
ML112M-4	3.70	1430	21.10	20.10	19.30	0.96	83	6.5	1.70	1.7	24.71	400	50	35.0

* Defined by Wonder
All values of current indicated have a tolerance level of ± 3%

IST = Locked Rotor Current
IFL = Full Load Current
TM = Maximum Torque
TFL= Full Load Torque
TST= Locked Rotor Torque

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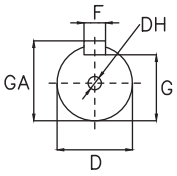
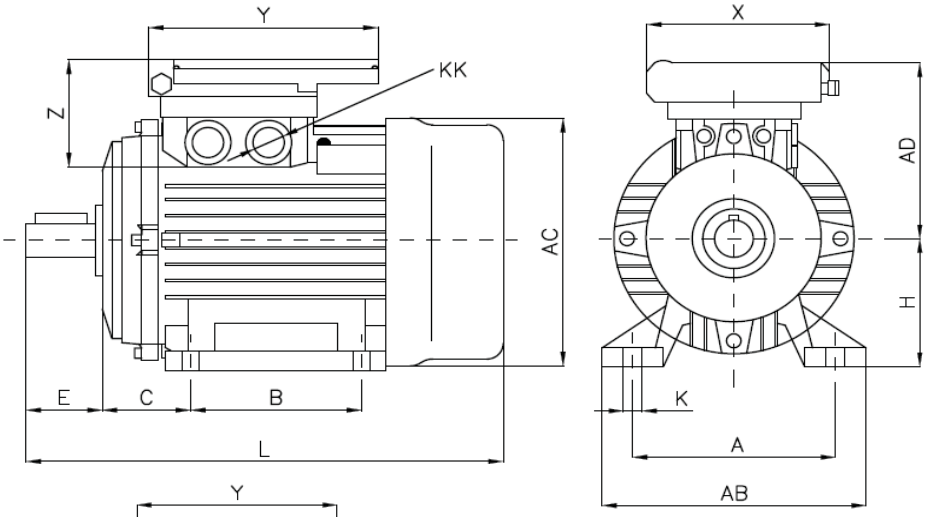
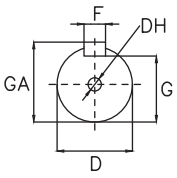
MOUNTING AND OVERALL DIMENSIONS - MY ML SERIES

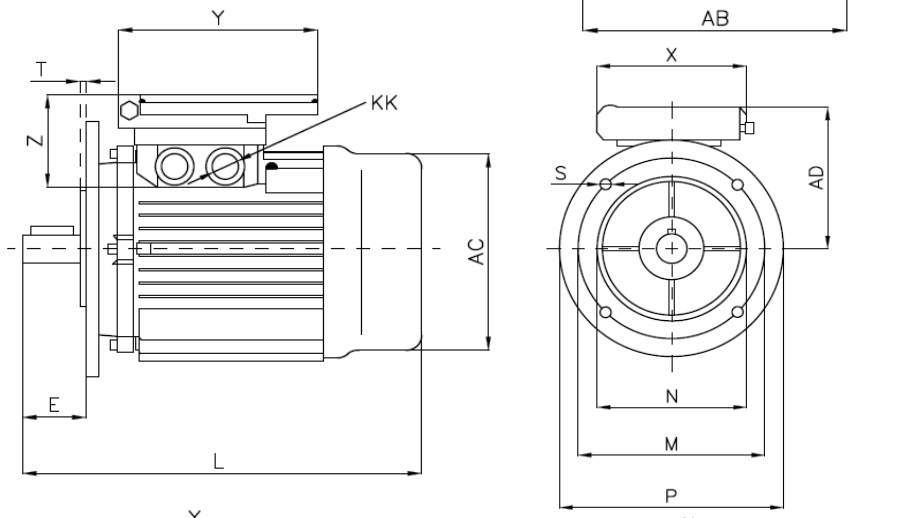
B3



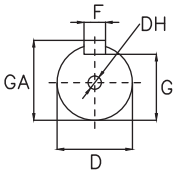


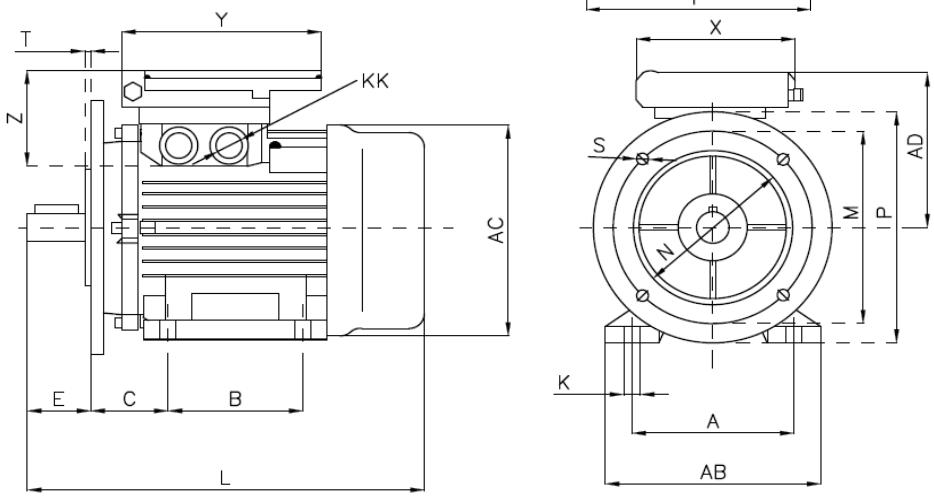
B5





B35



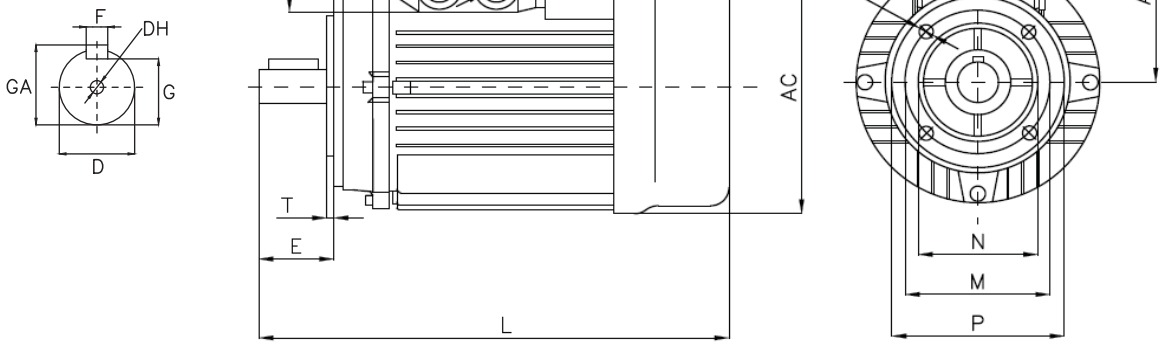


Frame Size	Flange Size	Mounting Dimensions (mm)														Overall Dimensions (mm)							
		A	AB	AC	AD	B	C	D	DH	E	F	G	H	K	KK	L	M	N	P	S	T	GA	XxYxZ(mm)
56	FF100	90	110	110	96	71	36	9	M4X12	20	3	7.2	56	7	M18X1.5	193	100	80	120	7	3	10.2	97X124X46
63	FF115	100	122	122	99	80	40	11	M4X12	23	4	8.5	63	7	M18X1.5	218	115	95	140	9	3	12.5	97X124X46
71	FF130	112	136	138	110	90	45	14	M5X12	30	5	11	71	7	M18X1.5	251	130	110	160	9	3.5	16	111X128X50
80	FF165	125	154	157	152	100	50	19	M6X16	40	6	15.5	80	10	M20X1.5	286	165	130	200	12	3.5	21.5	176X126X68
90S	FF165	140	174	175	158	100	56	24	M8X19	50	8	20	90	10	M20X1.5	335	165	130	200	12	3.5	27	176X126X68
90L	FF165	140	174	175	158	125	56	24	M8X19	50	8	20	90	10	M20X1.5	350	165	130	200	12	3.5	27	176X126X68
100L	FF215	160	194	196	177	140	63	28	M10X22	60	8	24	100	12	M20X1.5	422	215	180	250	15	4	31	176X126X68
112M	FF215	190	224	220	184	140	70	28	M10X22	60	8	24	112	12	M20X1.5	434	215	180	250	15	4	31	176X126X68

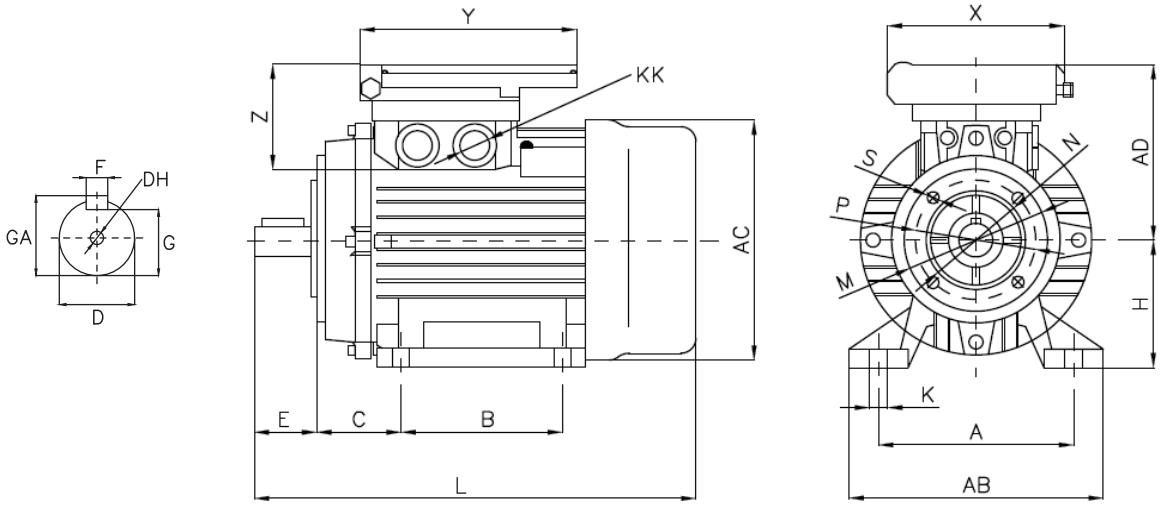
* Data are subjected to revisions without any prior notice.

MOUNTING AND OVERALL DIMENSIONS - MY ML SERIES

B14



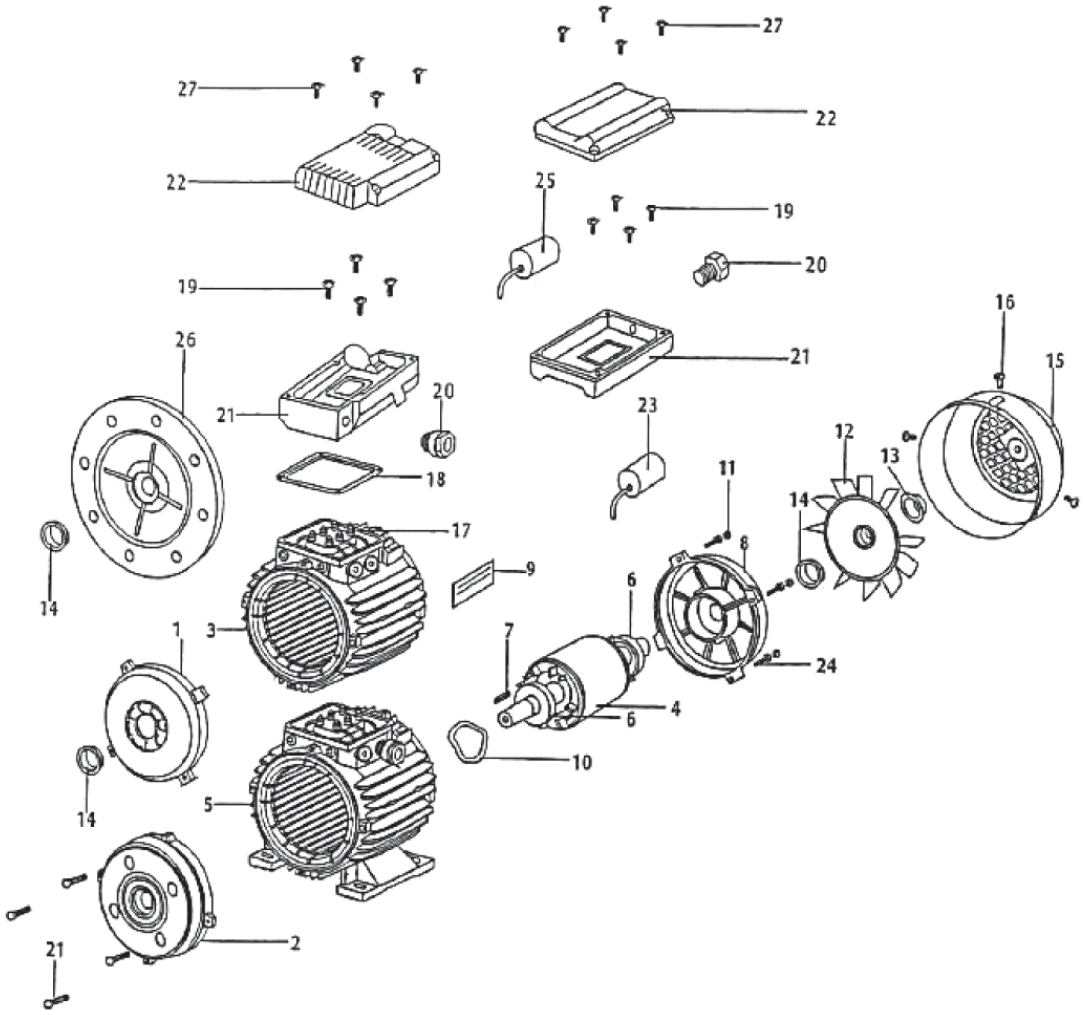
B34



Frame Size	Flange Size	Mounting Dimensions (mm)														Overall Dimensions (mm)							
		A	AB	AC	AD	B	C	D	DH	E	F	G	H	K	KK	L	M	N	P	S	T	GA	XxYxZ(mm)
56	FF65	90	110	110	96	71	36	9	M4X12	20	3	7.2	56	7	M18X1.5	193	65	50	80	M5	3	10.2	97X124X46
63	FF75	100	122	122	99	80	40	11	M4X12	23	4	8.5	63	7	M18X1.5	218	75	60	90	M5	3	12.5	97X124X46
71	FF85	112	136	138	110	90	45	14	M5X12	30	5	11	71	7	M18X1.5	251	85	70	105	M6	3.5	16	111X128X50
80	FF100	125	154	157	152	100	50	19	M6X16	40	6	15.5	80	10	M20X1.5	286	100	80	120	M6	3.5	21.5	176X126X68
90S	FF115	140	174	175	158	100	56	24	M8X19	50	8	20	90	10	M20X1.5	335	115	95	140	M8	3.5	27	176X126X68
90L	FF115	140	174	175	158	125	56	24	M8X19	50	8	20	90	10	M20X1.5	350	115	95	140	M8	3.5	27	176X126X68
100L	FF130	160	194	196	177	140	63	28	M10X22	60	8	24	100	12	M20X1.5	422	130	110	160	M8	4	31	176X126X68
112M	FF130	190	224	220	184	140	70	28	M10X22	60	8	24	112	12	M20X1.5	434	130	110	160	M8	4	31	176X126X68

* Data are subjected to revisions without any prior notice.

MOTOR SPARE PART LIST/DRAWING - MY ML SERIES



1	End shield B3
2	Flange B14
3	B14, B5 Frame wound stator
4	Rotor with shaft
5	B3 Frame wound stator
6	Bearings
7	Key
8	Back shield
9	Name plate
10	Spring washer
11	Washer
12	Cooling fan
13	Fan clamping bushing
14	Oil seal
15	Fan cover
16	Screws for fan cover fixing
17	Terminal board complete with components
18	Terminal seal IP55
19	Screws for terminal box fixing IP55
20	Cable gland
21	Terminal box IP55 (base)
22	Terminal box IP55 (cover)
23	Capacitor
24	Mounting studs screws
25	Start capacitor
26	Flange B5
27	Screws for terminal box fixing IP55

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RANGE OF PRODUCTS

- Three phase asynchronous squirrel-cage & slip ring induction motors
- Three phase asynchronous self-braking motors
- Hollow shaft rotor motors
- Cooling tower motors
- High Efficiency motors, (IE2) (IE3)
- Explosion-proof & increased safety motors
- Anchor winch motors
- High temperature resistant motors
- Geared motors

MOTORS CAN BE CUSTOMIZED IN ACCORDANCE TO CUSTOMERS' MECHANICAL & ELECTRICAL REQUIREMENTS:

1. IP56
2. IP65
3. IP66
4. Class H Insulation
5. Multi-speed
6. Special paint finish
7. Corrosion proof
8. Special voltage/frequency (Hz)
9. PTC thermistor for heater thermal protection
10. Anti-Condensation Heater
11. Sun Canopy
12. TENV/TEAO Motors
13. Class H / High Temp Motors
14. VSD Motors
15. Double Ended Shaft

Note: The technical data in this catalogue is only for reference. Continuous development of our products entitles us to change the specification without any prior notice. If you have any queries, please feel free to contact us.

Distributor:

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