

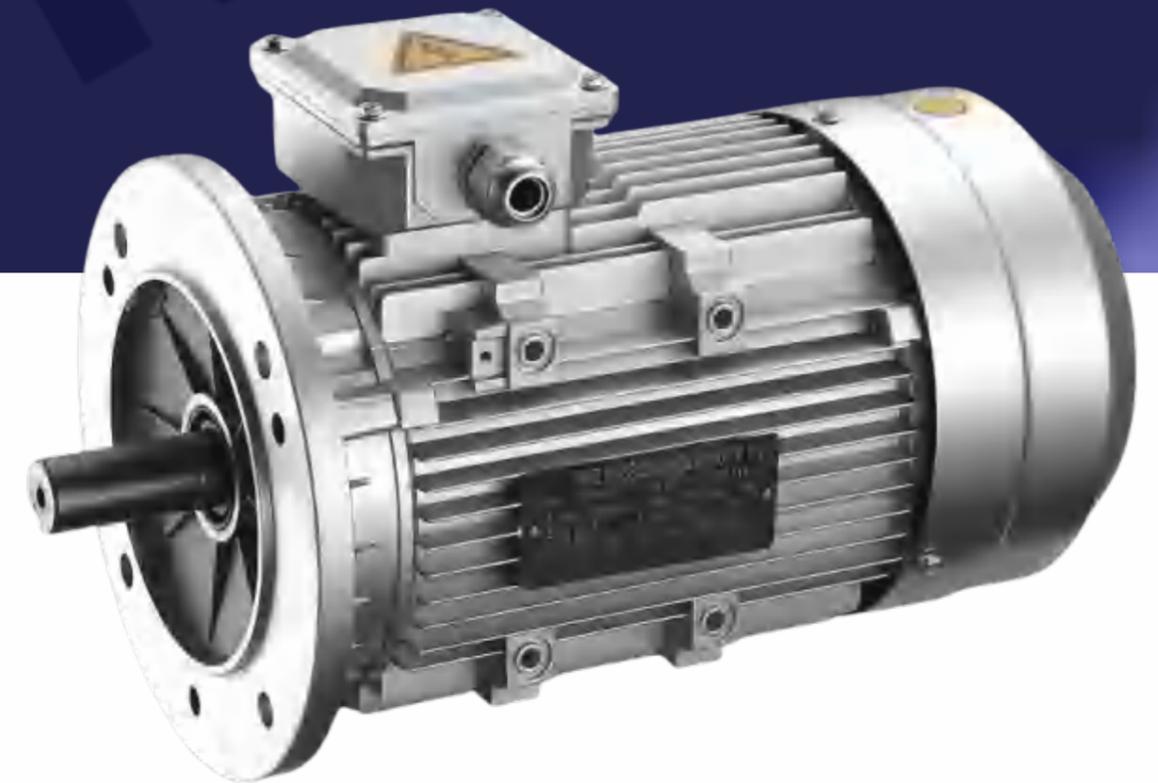
KEMATROS

KEMATROS

High-Efficiency Three-Phase Induction Motors (IE3 - IE5)

Presented by

TAIZHOU FANGTAI IMPORT AND EXPORT CO., LTD



TAIZHOU FANGTAI IMPORT AND EXPORT CO., LTD

Add: 365 Hangwen Road, DaxiTown, Wenling, Taizhou, Zhejiang, China

Mbl: +86-18806579315

WeChat: 18806579315

Tel: +86-576-86380815

Email: info@fangtai-importexport.com

Connecting the Globe, Driving the Future

KEMATROS® is a trademark owned by Taizhou Fangtai Import & Export Co., Ltd., registered in China.

KEMATROS

Table of Contents

01 / About KEMATROS.....01

02 / Product Range.....02

2.1 YE3 (IE3) High Efficiency Motors.....02

- (1) Cast Iron02
 - Technical Specifications.....02
 - Installation Dimensions.....06
- (2) Aluminium.....10
 - Technical Specifications.....10
 - Installation Dimensions.....12

2.2 YE4 (IE4) Super Premium Efficiency Motors.....16

- (1) Cast Iron.....16
 - Technical Specifications.....16
 - Installation Dimensions.....20
- (2) Aluminium.....24
 - Technical Specifications.....24
 - Installation Dimensions.....26

2.3 YE5 (IE5) Ultra High Efficiency Motors.....30

- (1) Cast Iron.....30
- (2) Aluminium.....34

(Note: Installation dimensions for YE5 motors are the same as YE4.)

03 / Certifications & Compliance.....36

04 / Ordering Guide & Contact.....37

About KEMATROS

KEMATROS specializes in high-efficiency electric motors, providing reliable solutions for global industries. Our motors are CE-certified and comply with IEC 60034-7 and EU energy efficiency standards, ensuring superior quality and performance.

Located in Zhejiang, China—a leading manufacturing hub—we leverage an advanced supply chain to guarantee consistent production, competitive pricing, and stable delivery.

Why Choose KEMATROS?

- High-performance motors with stringent quality control
- Full compliance with EU & international standards
- Reliable export logistics and supply chain management
- Flexible customization and technical support

With extensive experience in global trade, we provide seamless export solutions, helping businesses optimize their motor

applications efficiently.

Visit our website for more details: www.kematros.com

Beyond high-efficiency motors, KEMATROS also offers a diverse range of electric motors for various industrial applications.



Brake Motor

Multistage Pump Motor

VFD Motor



Single Phase Motor



Customized Solutions

YE3 Cast Iron - Technical Data

Rated Speed: 3000 RPM | 2-Pole | 50Hz

Premium Efficiency (IE3) • Cast Iron • 2-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE3)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE3-631-2	0.18	0.25	2730	65.9	65.9	64.6	0.80	0.52	0.49	0.47	0.63	2.2	2.2	5.5	9.5
YE3-632-2	0.25	0.37	2730	69.7	69.7	68.3	0.81	0.67	0.64	0.62	0.87	2.2	2.2	5.5	10
YE3-711-2	0.37	0.5	2750	73.8	73.8	72.3	0.81	0.94	0.89	0.86	1.28	2.2	2.2	6.1	11
YE3-712-2	0.55	0.75	2750	77.8	77.8	76.2	0.82	1.31	1.24	1.20	1.91	2.3	2.3	6.1	12.1
YE3-801-2	0.75	1	2880	80.7	80.7	79.1	0.82	1.72	1.64	1.58	2.49	2.3	2.3	7.0	18.1
YE3-802-2	1.1	1.5	2880	82.7	82.7	81.0	0.83	2.43	2.31	2.23	3.65	2.2	2.3	7.3	19.5
YE3-90S-2	1.5	2	2895	84.2	84.2	82.5	0.84	3.22	3.06	2.95	4.95	2.2	2.3	7.6	23.3
YE3-90L-2	2.2	3	2895	85.9	85.9	84.2	0.85	4.58	4.35	4.19	7.26	2.2	2.3	7.6	27.1
YE3-100L-2	3	4	2895	87.1	87.1	85.4	0.87	6.02	5.71	5.51	9.90	2.2	2.3	7.8	38.8
YE3-112M-2	4	5.5	2905	88.1	88.1	86.3	0.88	7.84	7.45	7.18	13.1	2.2	2.3	8.3	48.3
YE3-132S1-2	5.5	7.5	2930	89.2	89.2	87.4	0.88	10.6	10.1	9.75	17.9	2.0	2.3	8.3	55.1
YE3-132S2-2	7.5	10	2930	90.1	90.1	88.3	0.88	14.4	13.7	13.2	24.4	2.0	2.3	7.9	69.2
YE3-160M1-2	11	15	2945	91.2	91.2	89.4	0.89	20.6	19.6	18.9	35.7	2.0	2.3	8.1	113
YE3-160M2-2	15	20	2945	91.9	91.9	90.1	0.89	27.9	26.5	25.5	48.6	2.0	2.3	8.1	123
YE3-160L-2	18.5	25	2940	92.4	92.4	90.6	0.89	34.2	32.5	31.3	60.1	2.0	2.3	8.2	142
YE3-180M-2	22	30	2955	92.7	92.7	90.8	0.89	40.5	38.5	37.1	71.1	2.0	2.3	8.2	182
YE3-200L1-2	30	40	2960	93.3	93.3	91.4	0.89	54.9	52.1	50.3	96.8	2.0	2.3	7.6	246
YE3-200L2-2	37	50	2960	93.7	93.7	91.8	0.89	67.4	64.0	61.7	119.4	2.0	2.3	7.6	265
YE3-225M-2	45	60	2965	94.0	94.0	92.1	0.90	80.8	76.8	74.0	144.9	2.0	2.3	7.7	323
YE3-250M-2	55	75	2970	94.3	94.3	92.4	0.90	98.5	93.5	90.2	176.9	2.0	2.3	7.7	413
YE3-280S-2	75	100	2975	94.7	94.7	92.8	0.90	134	127	122	240.8	1.8	2.3	7.1	546
YE3-280M-2	90	125	2975	95.0	95.0	93.1	0.90	160	152	146	288.9	1.8	2.3	7.1	569
YE3-315S-2	110	150	2978	95.2	95.2	93.3	0.90	195	185	179	352.8	1.8	2.3	7.1	897
YE3-315M-2	132	180	2978	95.4	95.4	93.5	0.90	234	222	214	423.3	1.8	2.3	7.1	1029
YE3-315L1-2	160	200	2980	95.6	95.6	93.7	0.91	279	265	256	512.8	1.8	2.3	7.2	1067
YE3-315L2-2	200	270	2980	95.8	95.8	93.9	0.91	349	331	319	640.9	1.8	2.2	7.2	1194
YE3-355M-2	250	340	2982	95.8	95.8	93.9	0.91	436	414	399	800.6	1.6	2.2	7.2	1685
YE3-355L-2	315	430	2982	95.8	95.8	93.9	0.91	549	522	503	1009	1.6	2.2	7.2	1734

YE3 Cast Iron - Technical Data

Rated Speed: 1500 RPM | 4-Pole | 50Hz

Premium Efficiency (IE3) • Cast Iron • 4-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE3)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE3-631-4	0.12	0.18	1320	64.8	64.8	63.5	0.72	0.39	0.37	0.36	0.87	2.1	2.2	4.4	9.8
YE3-632-4	0.18	0.25	1320	69.9	69.9	68.5	0.73	0.54	0.51	0.49	1.30	2.1	2.2	4.4	10.5
YE3-711-4	0.25	0.37	1340	73.5	73.5	72.0	0.74	0.70	0.66	0.64	1.78	2.1	2.2	5.2	15.2
YE3-712-4	0.37	0.5	1340	77.3	77.3	75.8	0.75	0.97	0.92	0.89	2.64	2.1	2.2	5.2	16.6
YE3-801-4	0.55	0.75	1400	80.8	80.8	79.2	0.75	1.38	1.31	1.26	3.75	2.4	2.3	5.2	17.6
YE3-802-4	0.75	1	1420	82.5	82.5	80.9	0.75	1.84	1.75	1.69	5.04	2.3	2.3	6.6	18.4
YE3-90S-4	1.1	1.5	1445	84.1	84.1	82.4	0.76	2.61	2.48	2.39	7.27	2.3	2.3	6.8	24.2
YE3-90L-4	1.5	2	1445	85.3	85.3	83.6	0.77	3.47	3.3	3.18	9.91	2.3	2.3	7.0	29.7
YE3-100L1-4	2.2	3	1450	86.7	86.7	85.0	0.81	4.76	4.52	4.36	14.5	2.3	2.3	7.6	41.5
YE3-100L2-4	3	4	1450	87.7	87.7	85.9	0.82	6.34	6.02	5.8	19.8	2.3	2.3	7.6	46
YE3-112M-4	4	5.5	1450	88.6	88.6	86.8	0.82	8.37	7.95	7.66	26.3	2.2	2.3	7.8	63.2
YE3-132S-4	5.5	7.5	1460	89.6	89.6	87.8	0.83	11.2	10.7	10.3	36.0	2.0	2.3	7.9	71.2
YE3-132M-4	7.5	10	1460	90.4	90.4	88.6	0.84	15.0	14.3	13.7	49.1	2.0	2.3	7.5	85.1
YE3-160M-4	11	15	1465	91.4	91.4	89.6	0.85	21.5	20.4	19.7	71.7	2.2	2.3	7.7	121
YE3-160L-4	15	20	1465	92.1	92.1	90.3	0.86	28.8	27.3	26.3	97.8	2.2	2.3	7.8	142
YE3-180M-4	18.5	25	1470	92.6	92.6	90.7	0.86	35.3	33.5	32.3	120.2	2.0	2.3	7.8	181
YE3-180L-4	22	30	1470	93.0	93.0	91.1	0.86	41.8	39.7	38.3	142.9	2.0	2.3	7.8	209
YE3-200L-4	30	40	1475	93.6	93.6	91.7	0.86	56.6	53.8	51.8	194.2	2.0	2.3	7.3	284
YE3-225S-4	37	50	1485	93.9	93.9	92.0	0.86	69.6	66.1	63.7	237.9	2.0	2.3	7.4	328
YE3-225M-4	45	60	1485	94.2	94.2	92.3	0.86	84.4	80.2	77.3	289.4	2.0	2.3	7.4	363
YE3-250M-4	55	75	1485	94.6	94.6	92.7	0.86	103	97.6	94.1	353.7	2.2	2.3	7.4	442
YE3-280S-4	75	100	1486	95.0	95.0	93.1	0.88	136	129	125	482.0	2.0	2.3	6.9	569
YE3-280M-4	90	125	1486	95.2	95.2	93.3	0.88	163	155	149	578.4	2.0	2.3	6.9	639
YE3-315S-4	110	150	1488	95.4	95.4	93.5	0.89	197	187	180	706.0	2.0	2.2	7.0	939
YE3-315M-4	132	180	1488	95.6	95.6	93.7	0.89	236	224	216	847.2	2.0	2.2	7.0	1033
YE3-315L1-4	160	200	1488	95.8	95.8	93.9	0.89	285	271	261	1027	2.0	2.2	7.1	1126
YE3-315L2-4	200	270	1490	96.0	96.0	94.1	0.90	352	334	322	1282	2.0	2.2	7.1	1238
YE3-355M-4	250	340	1490	96.0	96.0	94.1	0.90	440	418	403	1602	2.0	2.2	7.1	1830
YE3-355L-4	315	430	1490	96.0	96.0	94.1	0.90	554	526	507	2019	2.0	2.2	7.1	1950

YE3 Cast Iron – Technical Data

Rated Speed: 1000 RPM | 6-Pole | 50Hz

Premium Efficiency (IE3) • Cast Iron • 6-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE3)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE3-632-6	0.12	0.18	855	57.7	57.7	56.5	0.60	0.53	0.50	0.48	1.34	1.8	1.9	3.5	10.3
YE3-711-6	0.18	0.25	855	63.9	63.9	62.6	0.66	0.65	0.62	0.59	2.01	1.9	2.0	4.0	11
YE3-712-6	0.25	0.37	855	68.6	68.6	67.2	0.68	0.81	0.77	0.75	2.79	1.9	2.0	4.0	11.5
YE3-801-6	0.37	0.5	890	73.5	73.5	72.0	0.70	1.09	1.04	1.00	3.97	1.9	2.0	4.7	15.2
YE3-802-6	0.55	0.75	890	77.2	77.2	75.7	0.72	1.50	1.43	1.38	5.90	1.9	2.1	4.7	16.6
YE3-90S-6	0.75	1	935	78.9	78.9	77.3	0.71	2.03	1.93	1.86	7.66	2.0	2.1	6.0	24.1
YE3-90L-6	1.1	1.5	945	81.0	81.0	79.4	0.73	2.83	2.69	2.59	11.1	2.0	2.1	6.0	25.7
YE3-100L-6	1.5	2	949	82.5	82.5	80.9	0.73	3.78	3.59	3.47	15.1	2.0	2.1	6.5	34.9
YE3-112M-6	2.2	3	955	84.3	84.3	82.6	0.74	5.36	5.09	4.91	22.0	2.0	2.1	6.6	54.2
YE3-132S-6	3	4	968	85.6	85.6	83.9	0.74	7.20	6.84	6.59	29.6	2.0	2.1	6.8	62.3
YE3-132M1-6	4	5.5	968	86.8	86.8	85.1	0.74	9.46	8.99	8.66	39.5	2.0	2.1	6.8	75.2
YE3-132M2-6	5.5	7.5	968	88.0	88.0	86.2	0.75	12.7	12.0	11.6	54.3	2.0	2.1	7.0	82.3
YE3-160M-6	7.5	10	970	89.1	89.1	87.3	0.79	16.2	15.4	14.8	73.8	2.0	2.1	7.0	112
YE3-160L-6	11	15	970	90.3	90.3	88.5	0.80	23.1	22.0	21.2	108.3	2.0	2.1	7.2	134
YE3-180L-6	15	20	978	91.2	91.2	89.4	0.81	30.9	29.3	28.2	146.5	2.0	2.1	7.3	197
YE3-200L1-6	18.5	25	980	91.7	91.7	89.9	0.81	37.8	35.9	34.7	180.3	2.0	2.1	7.3	234
YE3-200L2-6	22	30	980	92.2	92.2	90.4	0.81	44.8	42.5	41.0	214.4	2.0	2.1	7.4	251
YE3-225M-6	30	40	980	92.9	92.9	91.0	0.83	59.1	56.2	54.1	292.3	2.0	2.1	6.9	308
YE3-250M-6	37	50	985	93.3	93.3	91.4	0.84	71.7	68.1	65.7	358.7	2.0	2.1	7.1	383
YE3-280S-6	45	60	985	93.7	93.7	91.8	0.85	85.8	81.6	78.6	436.3	2.0	2.0	7.3	501
YE3-280M-6	55	75	985	94.1	94.1	92.2	0.86	103	98.1	94.6	533.2	2.0	2.0	7.3	573
YE3-315S-6	75	100	985	94.6	94.6	92.7	0.84	143	136	131	727.2	2.0	2.0	6.6	843
YE3-315M-6	90	125	988	94.9	94.9	93.0	0.85	170	161	155	869.9	2.0	2.0	6.7	941
YE3-315L1-6	110	150	988	95.1	95.1	93.2	0.85	207	196	189	1063	2.0	2.0	6.7	1017
YE3-315L2-6	132	180	988	95.4	95.4	93.5	0.86	244	232	224	1276	2.0	2.0	6.8	1121
YE3-355M1-6	160	200	990	95.6	95.6	93.7	0.86	296	281	271	1543	1.8	2.0	6.8	1715
YE3-355M2-6	200	270	990	95.8	95.8	93.9	0.87	365	346	334	1929	1.8	2.0	6.8	1846
YE3-355L-6	250	340	990	95.8	95.8	93.9	0.87	456	433	417	2412	1.8	2.0	6.8	2085

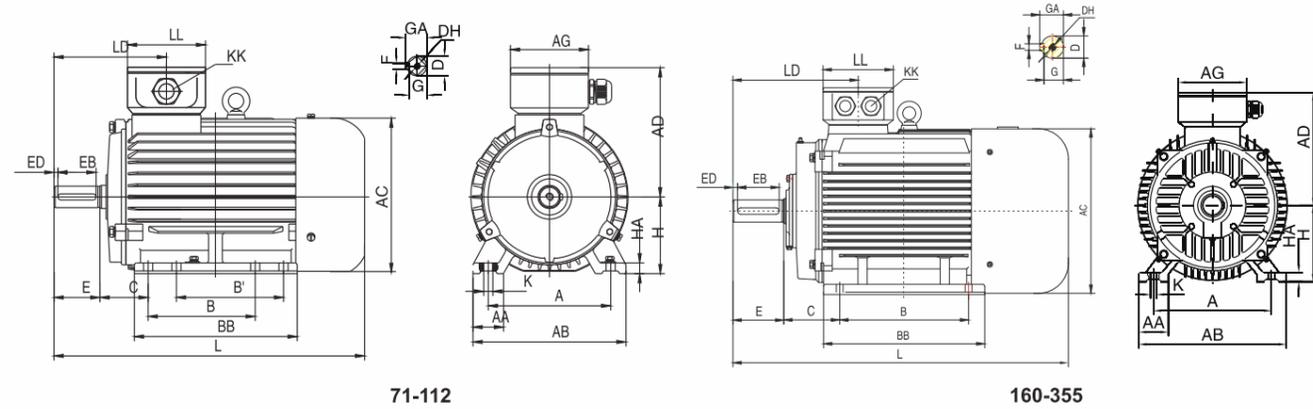
YE3 Cast Iron – Technical Data

Rated Speed: 750 RPM | 8-Pole | 50Hz

Premium Efficiency (IE3) • Cast Iron • 8-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE3)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE3-712-8	0.12	0.18	605	50.7	50.7	49.7	0.57	0.63	0.60	0.58	1.89	1.8	1.9	2.8	11
YE3-801-8	0.18	0.25	650	58.7	58.7	57.5	0.61	0.76	0.73	0.70	2.64	1.8	1.9	3.3	14.5
YE3-802-8	0.25	0.37	650	64.1	64.1	62.8	0.61	0.97	0.92	0.89	3.67	1.8	1.9	3.3	16.7
YE3-90S-8	0.37	0.5	675	69.3	69.3	67.9	0.61	1.33	1.26	1.22	5.23	1.8	1.9	4.0	28.2
YE3-90L-8	0.55	0.75	675	73.0	73.0	71.5	0.61	1.88	1.78	1.72	7.78	1.8	2.0	4.0	29.7
YE3-100L1-8	0.75	1	685	75.0	75.0	73.5	0.67	2.27	2.15	2.08	10.5	1.8	2.0	4.0	40
YE3-100L2-8	1.1	1.5	685	77.7	77.7	76.1	0.69	3.12	2.96	2.85	15.3	1.8	2.0	5.0	41.4
YE3-112M-8	1.5	2	695	79.7	79.7	78.1	0.70	4.08	3.88	3.74	20.6	1.8	2.0	5.0	57.5
YE3-132S-8	2.2	3	710	81.9	81.9	80.3	0.71	5.75	5.46	5.26	29.6	1.8	2.0	6.0	74.8
YE3-132M-8	3	4	710	83.5	83.5	81.8	0.73	7.48	7.10	6.85	40.4	1.8	2.0	6.0	89.1
YE3-160M1-8	4	5.5	725	84.8	84.8	83.1	0.73	9.82	9.33	8.99	52.7	1.9	2.0	6.0	101
YE3-160M2-8	5.5	7.5	725	86.2	86.2	84.5	0.74	13.1	12.4	12.0	72.4	1.9	2.0	6.0	126.5
YE3-160L-8	7.5	10	725	87.3	87.3	85.6	0.75	17.4	16.5	15.9	98.8	1.9	2.0	6.0	136
YE3-180L-8	11	15	735	88.6	88.6	86.8	0.75	25.2	23.9	23.0	142.9	2.0	2.0	6.5	198
YE3-200L-8	15	20	730	89.6	89.6	87.8	0.76	33.5	31.8	30.6	196.2	2.0	2.0	6.6	234
YE3-225S-8	18.5	25	730	90.1	90.1	88.3	0.76	41.0	39.0	37.6	242.0	1.9	2.0	6.6	284
YE3-225M-8	22	30	730	90.6	90.6	88.8	0.78	47.3	44.9	43.3	287.8	1.9	2.0	6.6	325
YE3-250M-8	30	40	735	91.3	91.3	89.5	0.79	63.2	60.0	57.9	389.8	1.9	2.0	6.5	425
YE3-280S-8	37	50	735	91.8	91.8	90.0	0.79	77.5	73.6	71.0	480.7	1.9	2.0	6.6	518
YE3-280M-8	45	60	735	92.2	92.2	90.4	0.79	93.9	89.2	85.9	584.7	1.9	2.0	6.6	582
YE3-315S-8	55	75	735	92.5	92.5	90.7	0.81	112	106	102	714.6	1.8	2.0	6.6	852
YE3-315M-8	75	100	735	93.1	93.1	91.2	0.81	151	144	138	974.5	1.8	2.0	6.2	952
YE3-315L1-8	90	125	735	93.4	93.4	91.5	0.82	179	170	163	1169	1.8	2.0	6.4	1040
YE3-315L2-8	110	150	735	93.7	93.7	91.8	0.82	218	207	199	1429	1.8	2.0	6.4	1056
YE3-355M1-8	132	180	740	94.0	94.0	92.1	0.82	260	247	238	1704	1.8	2.0	6.4	1784
YE3-355M2-8	160	220	740	94.3	94.3	92.4	0.82	314	299	288	2065	1.8	2.0	6.4	1941
YE3-355L-8	200	270	740	94.6	94.6	92.7	0.83	387	368	354	2581	1.8	2.0	6.4	2026

YE3 Cast Iron – Mounting and Overall Dimensions

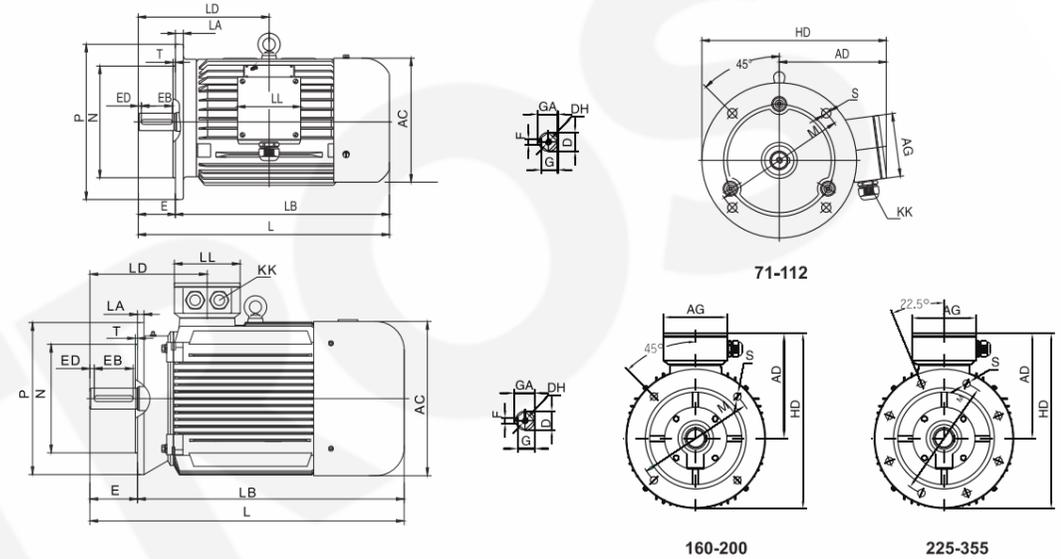
IM B3 H63-355



Model	Pole	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LD	LL
63	2, 4, 6	100	30	130	120	113	94	80	110	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	8	4-Φ7	1-M20X1.5	217	80.5	94
71	2, 4, 6	112	32	144	136	119	94	90	120	45	14	M5X12	30	25	2.5	5	11	16	71	8	4-Φ7	1-M20X1.5	242	99	94
80	2, 4, 6, 8	125	34	160	167	147	102	100	150	50	19	M6X16	40	30	5	6	15.5	21.5	80	10	4-Φ10	1-M25X1.5	304	119	102
90S	2, 4, 6, 8	140	36	176	182.4	154.5	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	4-Φ10	1-M25X1.5	336	143	102
90L	2, 4, 6, 8	140	36	176	182.4	154.5	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	4-Φ10	1-M25X1.5	361	143	102
100L	2, 4, 6, 8	160	40	200	205.4	166	102	140	213	63	28	M10X22	60	50	5	8	24	31	100	14	4-Φ12	1-M32X1.5	406	147	102
112M	2, 4, 6, 8	190	50	240	230	188	118	140	188	70	28	M10X22	60	50	5	8	24	31	112	15	4-Φ12	2-M32X1.5	394	147	110
132S	2, 4, 6, 8	216	55	262	258.4	203	118	140	200	89	38	M12X28	80	65	7.5	10	33	41	132	18	4-Φ12	2-M32X1.5	438	172	110
132M	4, 6, 8	216	55	262	258.4	203	118	178	238	89	38	M12X28	80	65	7.5	10	33	41	132	18	4-Φ12	2-M32X1.5	476	172	110
160M	2, 4, 6, 8	254	65	314	314	251	162	210	260	108	42	M16X36	110	90	10	12	37	45	160	20	4-Φ14.5	2-M40X1.5	608	256	152
160L	2, 4, 6, 8	254	65	314	314	251	162	254	304	108	42	M16X36	110	90	10	12	37	45	160	20	4-Φ14.5	2-M40X1.5	652	256	152
180M	2, 4, 8	279	70	349	355	267	162	241	311	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-Φ14.5	2-M40X1.5	688	271	152
180L	4, 6, 8	279	70	349	355	267	162	279	349	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-Φ14.5	2-M40X1.5	726	271	152
200L	2, 4, 6, 8	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	5	16	49	59	200	25	4-Φ18.5	2-M50X1.5	779	296	190
225S	4, 8	356	75	431	446	322	210	286	368	149	60	M20X42	140	125	7.5	18	53	64	225	28	4-Φ18.5	2-M50X1.5	824	329	190
225M	2	356	75	431	446	322	210	311	393	149	55	M20X42	110	100	5	16	49	59	225	28	4-Φ18.5	2-M50X1.5	819	299	190
225M	4, 6, 8	356	75	431	446	322	210	311	393	149	60	M20X42	140	125	7.5	18	53	64	225	28	4-Φ18.5	2-M50X1.5	849	329	190
250M	2	406	80	484	485	358	248	349	445	168	60	M20X42	140	125	7.5	18	53	64	250	30	4-Φ24	2-M63X1.5	910	347	218
250M	4, 6, 8	406	80	484	485	358	248	349	445	168	65	M20X42	140	125	7.5	18	58	69	250	30	4-Φ24	2-M63X1.5	910	347	218
280S	2	457	85	542	547	387	248	368	485	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-Φ24	2-M63X1.5	982	355.5	218
280S	4, 6, 8	457	85	542	547	387	248	368	485	190	75	M20X42	140	125	7.5	20	67.5	79.5	280	35	4-Φ24	2-M63X1.5	982	355.5	218
280M	2	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-Φ24	2-M63X1.5	1033	355.5	218
280M	4, 6, 8	457	85	542	547	387	248	419	536	190	75	M20X42	140	125	7.5	20	67.5	79.5	280	35	4-Φ24	2-M63X1.5	1033	355.5	218
315S	2	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Φ28	2-M63X1.5	1194	397	280
315S	4, 6, 8, 10	508	120	628	620	527	320	406	570	216	80	M20X42	170	160	5	22	71	85	315	45	4-Φ28	2-M63X1.5	1224	427	280
315M	2	508	120	628	620	527	320	457	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Φ28	2-M63X1.5	1304	397	280
315M	4, 6, 8, 10	508	120	628	620	527	320	457	680	216	80	M20X42	170	160	5	22	71	85	315	45	4-Φ28	2-M63X1.5	1334	427	280
315L	2	508	120	628	620	527	320	508	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Φ28	2-M63X1.5	1304	397	280
315L	4, 6, 8, 10	508	120	628	620	527	320	508	680	216	80	M20X42	170	160	5	22	71	85	315	45	4-Φ28	2-M63X1.5	1334	427	280
355M	2	610	116	726	698	642	380	560	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6-Φ28	2-M63X1.5	1486	414	330
355M	4, 6, 8, 10	610	116	726	698	642	380	560	750	254	95	M24X50	170	160	5	25	86	100	355	52	6-Φ28	2-M63X1.5	1516	444	330
355L	2	610	116	726	698	642	380	630	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6-Φ28	2-M63X1.5	1486	414	330
355L	4, 6, 8, 10	610	116	726	698	642	380	630	750	254	95	M24X50	170	160	5	25	86	100	355	52	6-Φ28	2-M63X1.5	1516	444	330

YE3 Cast Iron – Mounting and Overall Dimensions

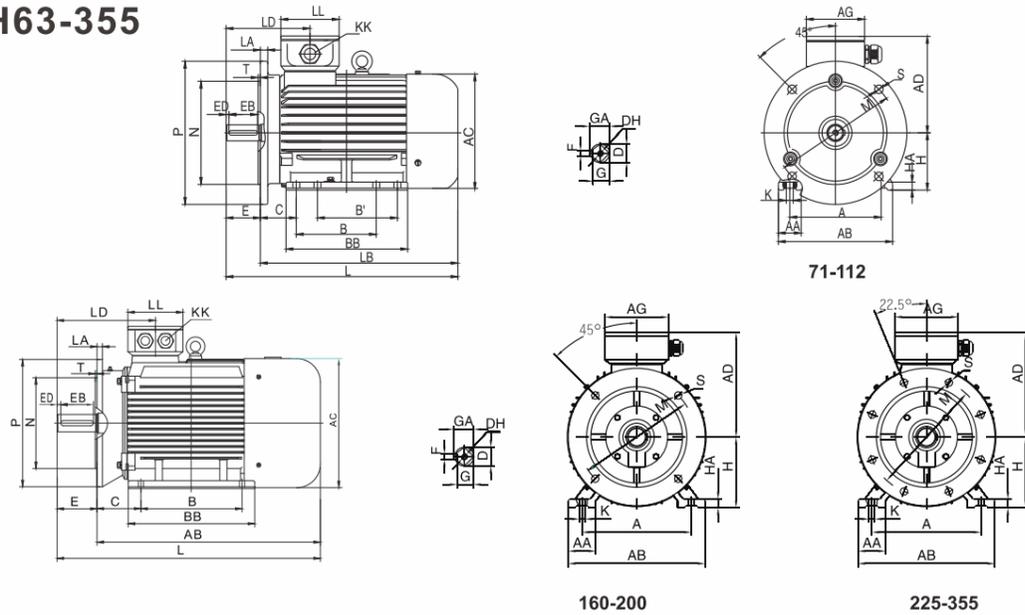
IM B5 H63-355



Model	Pole	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	KK	L	LA	LB	LD	LL	M	N	P	S	T
63	2, 4, 6	120	113	94	11	M4X12	23	16	3.5	4	8.5	12.5	183	1-M20X1.5	217	10	194	80.5	94	115	95	140	10	3
71	2, 4, 6	136	119	94	14	M5X12	30	25	2.5	5	11	16	199	1-M20X1.5	242	10	212	99	94	130	110	160	10	3.5
80	2, 4, 6, 8	167	154.5	102	19	M6X16	40	30	5	6	15.5	21.5	254.5	1-M25X1.5	304	12	264	112	102	165	130	200	12	3.5
90S	2, 4, 6, 8	182.4	162	102	24	M8X19	50	40	5	8	20	27	262	1-M25X1.5	336	12	286	130	102	165	130	200	12	3.5
90L	2, 4, 6, 8	182.4	162	102	24	M8X19	50	40	5	8	20	27	262	1-M25X1.5	361	12	311	130	102	165	130	200	12	3.5
100L	2, 4, 6, 8	205.4	173.5	102	28	M10X22	60	50	5	8	24	31	298.5	1-M32X1.5	406	13	346	139	102	215	180	250	14.5	4
112M	2, 4, 6, 8	230	188	118	28	M10X22	60	50	5	8	24	31	315	2-M32X1.5	394	14	334	205	110	215	180	250	14.5	4
132S	2, 4, 6, 8	258.4	203	118	38	M12X28	80	65	7.5	10	33	41	353	2-M32X1.5	438	14	390	172	110	265	230	300	14.5	4
132M	4, 6, 8	258.4	203	118	38	M12X28	80	65	7.5	10	33	41	353	2-M32X1.5	476	14	428	172	110	265	230	300	14.5	4
160M	2, 4, 6, 8	314	251	162	42	M16X36	110	90	10	12	37	45	426	2-M40X1.5	608	15	498	256	152	300	250	350	18.5	5
160L	2, 4, 6, 8	314	251	162	42	M16X36	110	90	10	12	37	45	426	2-M40X1.5	652	15	542	256	152	300	250	350	18.5	5
180M	2, 4, 8	355	267	162	48	M16X36	110	90	10	14	42.5	51.5	444.5	2-M40X1.5	688	15	578	271	152	300	250	350	18.5	5
180L	4, 6, 8	355	267	162	48	M16X36	110	90	10	14	42.5	51.5	444.5	2-M40X1.5	726	15	616	271	152	300	250	350	18.5	5
200L	2, 4, 6, 8	397	299	210	55	M20X42	110	100	5	16	49	59	499	2-M50X1.5	779	17	669	296	190	350	300	400	18.5	5
225S	4, 8	446	322	210	60	M20X42	140	125	7.5	18	53	64	547	2-M50X1.5	824	20	684	329	190	400	350	450	18.5	5
225M	2	446	322	210	55	M20X42	110	100	5	16	49	59	547	2-M50X1.5	819	20	709	299	190	400	350	450	18.5	5
225M	4, 6, 8	446	322	210	60	M20X42	140	125	7.5	18	53	64	547	2-M50X1.5	849	20	709	299	190	400	350	450	18.5	5
250M	2	485	358	248	60	M20X42	140	125	7.5	18	53	64	633	2-M63X1.5	910	22	770	347	218	500	450	550	18.5	5
250M	4, 6, 8	485	358	248	65	M20X42	140	125	7.5	18	58	69	633	2-M63X1.5	910	22	770	347	218	500	450	550	18.5	5
280S	2	547	387	248	65	M20X42	140	125	7.5	18	58	69	662	2-M63X1.5	982	22	842	355.5	218	500	450	550		

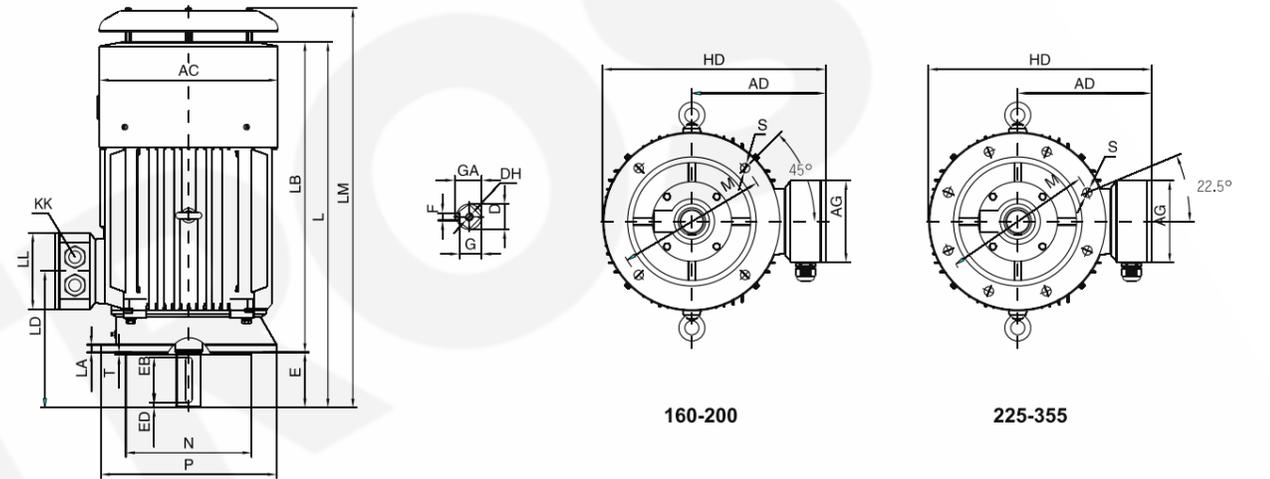
YE3 Cast Iron – Mounting and Overall Dimensions

IM B35 H63-355



YE3 Cast Iron – Mounting and Overall Dimensions

IM V1 H160-355



Model	Pole	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LA	LB	LD	LL	M	N	P	S	T
63	2,4,6	100	30	130	120	113	94	80	110	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	8	4-Ø7	1-M20X1.5	217	10	194	80.5	94	115	95	140	10	3
71	2,4,6	112	32	144	136	119	94	90	120	45	14	M5X12	30	25	2.5	5	11	16	71	8	4-Ø7	1-M20X1.5	242	10	212	99	94	130	110	160	10	3.5
80	2,4,6,8	125	34	160	167	147	102	100	150	50	19	M6X16	40	30	5	6	15.5	21.5	80	10	4-Ø10	1-M25X1.5	304	12	264	112	102	165	130	200	12	3.5
90S	2,4,6,8	140	36	176	182.4	154.5	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	4-Ø10	1-M25X1.5	336	12	286	130	102	165	130	200	12	3.5
90L	2,4,6,8	140	36	176	182.4	154.5	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	4-Ø10	1-M25X1.5	361	12	311	130	102	165	130	200	12	3.5
100L	2,4,6,8	160	40	200	205.4	166	102	140	213	63	28	M10X22	60	50	5	8	24	31	100	14	4-Ø12	1-M32X1.5	406	13	346	139	102	215	180	250	14.5	4
112M	2,4,6,8	190	50	240	230	188	118	140	188	70	28	M10X22	60	50	5	8	24	31	112	15	4-Ø12	2-M32X1.5	394	14	334	147	110	215	180	250	14.5	4
132S	2,4,6,8	216	55	262	258.4	203	118	140	200	89	38	M12X28	80	65	7.5	10	33	41	132	18	4-Ø12	2-M32X1.5	438	14	390	172	110	265	230	300	14.5	4
132M	4,6,8	216	55	262	258.4	203	118	178	238	89	38	M12X28	80	65	7.5	10	33	41	132	18	4-Ø12	2-M32X1.5	476	14	428	172	110	265	230	300	14.5	4
160M	2,4,6,8	254	65	314	314	251	162	210	260	108	42	M16X36	110	90	10	12	37	45	160	20	4-Ø14.52	2-M40X1.5	589	15	498	256	152	300	250	350	18.5	5
160L	2,4,6,8	254	65	314	314	251	162	254	304	108	42	M16X36	110	90	10	12	37	45	160	20	4-Ø14.52	2-M40X1.5	633	15	542	256	152	300	250	350	18.5	5
180M	2,4,8	279	70	349	355	267	162	241	311	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-Ø14.52	2-M40X1.5	661	15	578	271	152	300	250	350	18.5	5
180L	4,6,8	279	70	349	355	267	162	279	349	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-Ø14.52	2-M40X1.5	726	15	616	271	152	300	250	350	18.5	5
200L	2,4,6,8	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	5	16	49	59	200	25	4-Ø18.52	2-M50X1.5	757	17	669	296	190	350	300	400	18.5	5
225S	4,8	356	75	431	446	322	210	286	368	149	60	M20X42	140	125	7.5	18	53	64	225	28	4-Ø18.52	2-M50X1.5	824	20	684	329	190	400	350	450	18.5	5
225M	2	356	75	431	446	322	210	311	393	149	55	M20X42	110	100	5	16	49	59	225	28	4-Ø18.52	2-M50X1.5	793	20	709	299	190	400	350	450	18.5	5
225M	4,6,8	356	75	431	446	322	210	311	393	149	60	M20X42	140	125	7.5	18	53	64	225	28	4-Ø18.52	2-M50X1.5	849	20	709	329	190	400	350	450	18.5	5
250M	2	406	80	484	485	358	248	349	445	168	60	M20X42	140	125	7.5	18	53	64	250	30	4-Ø24	2-M63X1.5	900	22	770	347	218	500	450	550	18.5	5
250M	4,6,8	406	80	484	485	358	248	349	445	168	65	M20X42	140	125	7.5	18	58	69	250	30	4-Ø24	2-M63X1.5	900	22	770	347	218	500	450	550	18.5	5
280S	2	457	85	542	547	387	248	368	485	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-Ø24	2-M63X1.5	953	22	842	355.5	218	500	450	550	18.5	5
280S	4,6,8	457	85	542	547	387	248	368	485	190	75	M20X42	140	125	7.5	20	67.5	79.5	280	35	4-Ø24	2-M63X1.5	953	22	842	355.5	218	500	450	550	18.5	5
280M	2	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-Ø24	2-M63X1.5	1004	22	893	355.5	218	500	450	550	18.5	5
280M	4,6,8	457	85	542	547	387	248	419	536	190	75	M20X42	140	125	7.5	20	67.5	79.5	280	35	4-Ø24	2-M63X1.5	1004	22	893	355.5	218	500	450	550	18.5	5
315S	2	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Ø28	2-M63X1.5	1194	22	1054	397	280	600	550	660	24	6
315S	4,6,8,10	508	120	628	620	527	320	406	570	216	80	M20X42	170	160	5	22	71	85	315	45	4-Ø28	2-M63X1.5	1224	22	1054	427	280	600	550	660	24	6
315M	2	508	120	628	620	527	320	457	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Ø28	2-M63X1.5	1304	22	1164	397	280	600	550	660	24	6
315M	4,6,8,10	508	120	628	620	527	320	457	680	216	80	M20X42	170	160	5	22	71	85	315	45	4-Ø28	2-M63X1.5	1334	22	1164	427	280	600	550	660	24	6
315L	2	508	120	628	620	527	320	508	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Ø28	2-M63X1.5	1304	22	1164	397	280	600	550	660	24	6
315L	4,6,8,10	508	120	628	620	527	320	508	680	216	80	M20X42	170	160	5	22	71	85	315	45	4-Ø28	2-M63X1.5	1334	22	1164	427	280	600	550	660	24	6
355M	2	610	116	726	698	642	380	560	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6-Ø28	2-M63X1.5	1486	25	1346	414	330	740	680	800	24	6
355M	4,6,8,10	610	116	726	698	642	380	560	750	254	95	M24X50	170	160	5	25	86	100	355	52	6-Ø28	2-M63X1.5	1516	25	1346	444	330	740	680	800	24	6
355L	2	610	116	726	698	642	380	630	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6-Ø28	2-M63X1.5	1486	25	1346	414	330	740	680	800	24	6
355L	4,6,8,10	610	116	726	698	642	380	630	750	254	95	M24X50	170	160	5	25	86	100	355	52	6-Ø28	2-M63X1.5	1516	25	1346	444	330	740	680	800	24	6

Model	Pole	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	KK	L	LA	LB	LD	LL	LM	M	N	P	S	T
160M	2,4,6,8	314	251	162	42	M16X36	110	90	10	12	37	45	426	2-M40X1.5	608	15	498	256	152	670	300	250	350	18.5	5
160L	2,4,6,8	314	251	162	42	M16X36	110	90	10	12	37	45	426	2-M40X1.5	652	15	542	256	152	714	300	250	350	18.5	5
180M	2,4,8	355	267	162	48	M16X36	110	90	10	14	42.5	51.5	444.5	2-M40X1.5	688	15	578	271	152	760	300	250	350	18.5	5
180L	4,6,8	355	267	162	48	M16X36	110	90	10	14	42.5	51.5	444.5	2-M40X1.5	726	15	616	271	152	798	300	250	350	18.5	5
200L	2,4,6,8	397	299	210	55	M20X42	110	100	5	16	49	59	499	2-M50X1.5	779	17	669	296	190	853	350	300	400	18.5	5
225S	4,8	446	322	210	60	M20X42	140	125	7.5	18	53	64	547	2-M50X1.5	824	20	684	329	190	898	400	350	450	18.5	5
225M	2	446	322	210	55	M20X42	110	100	5	16	49	59	547	2-M50X1.5	819	20	709	299	190	893	400	350	450	18.5	5
225M	4,6,8	446	322	210	60	M20X42	140	125	7.5	18	53	64	547	2-M50X1.5	849	20	709	329	190	893	400	350	450	18.5	5
250M	2	485	358	248	60	M20X42	140	125	7.5	18	53	64	633	2-M63X1.5	910	22	770	347	218	986	500	450	550	18.5	5
250M	4,6,8	485	358	248	65	M20X42	140	125	7.5	18	58	69	633	2-M63X1.5	910	22	770	347	218	986	500	450	550	18.5	5
280S	2	547	387	248	65	M20X42	140	125	7.5	18	58	69	662	2-M63X1.5	982	22	842	355.5	218	1058	500	450	550	18.5	5
280S	4,6,8	54																							

YE3 Aluminum – Technical Data

Rated Speed: 3000 RPM | 2-Pole | 50Hz

High Efficiency (IE3) • Aluminum • 2-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE3)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE3-562-2	0.12	0.18	2760	60.8	60.8	59.6	0.72	0.42	0.40	0.38	0.42	2.1	2.2	5.2	5.2
YE3-631-2	0.18	0.25	2730	65.9	65.9	64.6	0.80	0.52	0.49	0.47	0.63	2.2	2.2	5.5	6.1
YE3-632-2	0.25	0.37	2730	69.7	69.7	68.3	0.81	0.67	0.64	0.62	0.87	2.2	2.2	5.5	6.4
YE3-711-2	0.37	0.5	2750	73.8	73.8	72.3	0.81	0.94	0.89	0.86	1.28	2.2	2.2	6.1	6.8
YE3-712-2	0.55	0.75	2750	77.8	77.8	76.2	0.82	1.31	1.24	1.20	1.91	2.3	2.3	6.1	7.9
YE3-801-2	0.75	1	2880	80.7	80.7	79.1	0.82	1.72	1.64	1.58	2.49	2.3	2.3	7.0	8.8
YE3-802-2	1.1	1.5	2880	82.7	82.7	81.0	0.83	2.43	2.31	2.23	3.65	2.2	2.3	7.3	9
YE3-90S-2	1.5	2	2895	84.2	84.2	82.5	0.84	3.22	3.06	2.95	4.95	2.2	2.3	7.6	13.5
YE3-90L-2	2.2	3	2895	85.9	85.9	84.2	0.85	4.58	4.35	4.19	7.26	2.2	2.3	7.6	17
YE3-100L-2	3	4	2895	87.1	87.1	85.4	0.87	6.02	5.71	5.51	9.90	2.2	2.3	7.8	23.2
YE3-112M-2	4	5.5	2905	88.1	88.1	86.3	0.88	7.84	7.45	7.18	13.1	2.2	2.3	8.3	40
YE3-132S1-2	5.5	7.5	2930	89.2	89.2	87.4	0.88	10.6	10.1	9.75	17.9	2.0	2.3	8.3	42
YE3-132S2-2	7.5	10	2930	90.1	90.1	88.3	0.88	14.4	13.7	13.2	24.4	2.0	2.3	7.9	48
YE3-160M1-2	11	15	2945	91.2	91.2	89.4	0.89	20.6	19.6	18.9	35.7	2.0	2.3	8.1	83
YE3-160M2-2	15	20	2945	91.9	91.9	90.1	0.89	27.9	26.5	25.5	48.6	2.0	2.3	8.1	94
YE3-160L-2	18.5	25	2940	92.4	92.4	90.6	0.89	34.2	32.5	31.3	60.1	2.0	2.3	8.2	106.5
YE3-180M-2	22	30	2955	92.7	92.7	90.8	0.89	40.5	38.5	37.1	71.1	2.0	2.3	8.2	140

Rated Speed: 1500 RPM | 4-Pole | 50Hz

High Efficiency (IE3) • Aluminum • 4-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE3)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE3-631-4	0.12	0.18	1320	64.8	64.8	63.5	0.72	0.39	0.37	0.36	0.87	2.1	2.2	4.4	4.8
YE3-632-4	0.18	0.25	1320	69.9	69.9	68.5	0.73	0.54	0.51	0.49	1.30	2.1	2.2	4.4	5.3
YE3-711-4	0.25	0.37	1340	73.5	73.5	72.0	0.74	0.70	0.66	0.64	1.78	2.1	2.2	5.2	6.8
YE3-712-4	0.37	0.5	1340	77.3	77.3	75.8	0.75	0.97	0.92	0.89	2.64	2.1	2.2	5.2	7.7
YE3-801-4	0.55	0.75	1400	80.8	80.8	79.2	0.75	1.38	1.31	1.26	3.75	2.4	2.3	5.2	9.1
YE3-802-4	0.75	1	1420	82.5	82.5	80.9	0.75	1.84	1.75	1.69	5.04	2.3	2.3	6.6	11.1
YE3-90S-4	1.1	1.5	1445	84.1	84.1	82.4	0.76	2.61	2.48	2.39	7.27	2.3	2.3	6.8	15
YE3-90L-4	1.5	2	1445	85.3	85.3	83.6	0.77	3.47	3.3	3.18	9.91	2.3	2.3	7.0	19
YE3-100L1-4	2.2	3	1450	86.7	86.7	85.0	0.81	4.76	4.52	4.36	14.5	2.3	2.3	7.6	25.4
YE3-100L2-4	3	4	1450	87.7	87.7	85.9	0.82	6.34	6.02	5.8	19.8	2.3	2.3	7.6	30.5
YE3-112M-4	4	5.5	1450	88.6	88.6	86.8	0.82	8.37	7.95	7.66	26.3	2.2	2.3	7.8	37
YE3-132S-4	5.5	7.5	1460	89.6	89.6	87.8	0.83	11.2	10.7	10.3	36.0	2.0	2.3	7.9	48.5
YE3-132M-4	7.5	10	1460	90.4	90.4	88.6	0.84	15.0	14.3	13.7	49.1	2.0	2.3	7.5	60
YE3-160M-4	11	15	1465	91.4	91.4	89.6	0.85	21.5	20.4	19.7	71.7	2.2	2.3	7.7	92.5
YE3-160L-4	15	20	1465	92.1	92.1	90.3	0.86	28.8	27.3	26.3	97.8	2.2	2.3	7.8	107
YE3-180M-4	18.5	25	1470	92.6	92.6	90.7	0.86	35.3	33.5	32.3	120.2	2.0	2.3	7.8	138
YE3-180L-4	22	30	1470	93.0	93.0	91.1	0.86	41.8	39.7	38.3	142.9	2.0	2.3	7.8	153

YE3 Aluminum – Technical Data

Rated Speed: 1000 RPM | 6-Pole | 50Hz

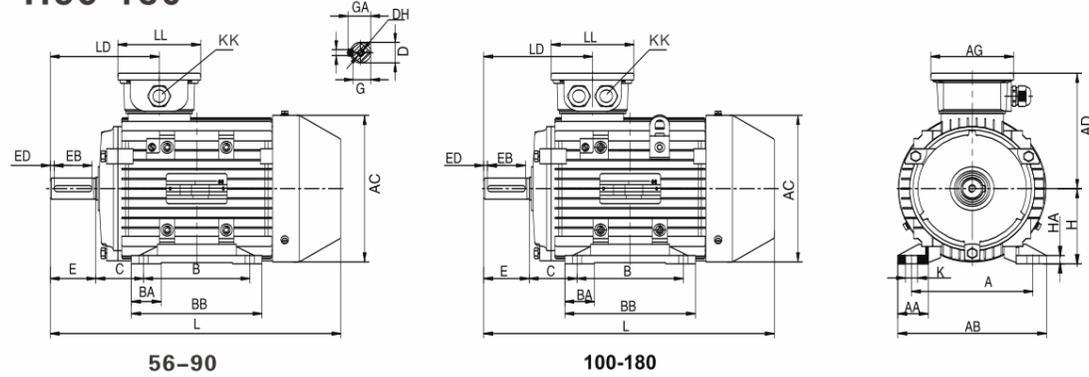
High Efficiency (IE3) • Aluminum • 6-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE3)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE3-632-6	0.12	0.18	855	57.7	57.7	56.5	0.60	0.53	0.50	0.48	1.34	1.8	1.9	3.5	6.2
YE3-711-6	0.18	0.25	855	63.9	63.9	62.6	0.66	0.65	0.62	0.59	2.01	1.9	2.0	4.0	9.3
YE3-712-6	0.25	0.37	855	68.6	68.6	67.2	0.68	0.81	0.77	0.75	2.79	1.9	2.0	4.0	9.7
YE3-801-6	0.37	0.5	890	73.5	73.5	72.0	0.70	1.09	1.04	1.00	3.97	1.9	2.0	4.7	12.2
YE3-802-6	0.55	0.75	890	77.2	77.2	75.7	0.72	1.50	1.43	1.38	5.90	1.9	2.1	4.7	13.2
YE3-90S-6	0.75	1	935	78.9	78.9	77.3	0.71	2.03	1.93	1.86	7.66	2.0	2.1	6.0	14
YE3-90L-6	1.1	1.5	945	81.0	81.0	79.4	0.73	2.83	2.69	2.59	11.1	2.0	2.1	6.0	18
YE3-100L-6	1.5	2	949	82.5	82.5	80.9	0.73	3.78	3.59	3.47	15.1	2.0	2.1	6.5	29.5
YE3-112M-6	2.2	3	955	84.3	84.3	82.6	0.74	5.36	5.09	4.91	22.0	2.0	2.1	6.6	32
YE3-132S-6	3	4	968	85.6	85.6	83.9	0.74	7.20	6.84	6.59	29.6	2.0	2.1	6.8	43
YE3-132M1-6	4	5.5	968	86.8	86.8	85.1	0.74	9.46	8.99	8.66	39.5	2.0	2.1	6.8	49
YE3-132M2-6	5.5	7.5	968	88.0	88.0	86.2	0.75	12.7	12.0	11.6	54.3	2.0	2.1	7.0	59
YE3-160M-6	7.5	10	970	89.1	89.1	87.3	0.79	16.2	15.4	14.8	73.8	2.0	2.1	7.0	82
YE3-160L-6	11	15	970	90.3	90.3	88.5	0.80	23.1	22.0	21.2	108.3	2.0	2.1	7.2	118.5
YE3-180L-6	15	20	978	91.2	91.2	89.4	0.81	30.9	29.3	28.2	146.5	2.0	2.1	7.3	135

Rated Speed: 750 RPM | 8-Pole | 50Hz

High Efficiency (IE3) • Aluminum • 8-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE3)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE3-712-8	0.12	0.18	605	50.7	50.7	49.7	0.57	0.63	0.60	0.58	1.89	1.8	1.9	2.8	10.6
YE3-801-8	0.18	0.25	650	58.7	58.7	57.5	0.61	0.76	0.73	0.70	2.64	1.8	1.9	3.3	11.7
YE3-802-8	0.25	0.37	650	64.1	64.1	62.8	0.61	0.97	0.92	0.89	3.67	1.8	1.9	3.3	12.5
YE3-90S-8	0.37	0.5	675	69.3	69.3	67.9	0.61	1.33	1.26	1.22	5.23	1.8	1.9	4.0	17.3
YE3-90L-8	0.55	0.75	675	73.0	73.0	71.5	0.61	1.88	1.78	1.72	7.78	1.8	2.0	4.0	21.2
YE3-100L1-8	0.75	1	685	75.0	75.0	73.5	0.67	2.27	2.15	2.08	10.5	1.8	2.0	4.0	29
YE3-100L2-8	1.1	1.5	685	77.7	77.7	76.1	0.69	3.12	2.96	2.85	15.3	1.8	2.0	5.0	30.5
YE3-112M-8	1.5	2	695	79.7	79.7	78.1	0.70	4.08	3.88	3.74	20.6	1.8	2.0	5.0	38.5
YE3-132S-8	2.2	3	710	81.9	81.9	80.3	0.71	5.75	5.46	5.26	29.6	1.8	2.0	6.0	49.5
YE3-132M-8	3	4	710	83.5	83.5	81.8	0.73	7.48	7.10	6.85	40.4	1.8	2.0	6.0	59
YE3-160M1-8	4	5.5	725	84.8	84.8	83.1	0.73	9.82	9.33	8.99	52.7	1.9	2.0	6.0	92
YE3-160M2-8	5.5	7.5	725	86.2	86.2	84.5	0.74	13.1	12.4	12.0	72.4	2.0	2.0	6.0	103
YE3-160L-8	7.5	10	725	87.3	87.3	85.6	0.75	17.4	16.5	15.9	98.8	2.0	2.0	6.0	117
YE3-180L-8	11	15	735	88.6	88.6	86.8	0.75	25.2	23.9	23.0	142.9	2.0	2.0	6.0	123

YE3 Aluminum - Mounting and Overall Dimensions

IM B3 H56-180

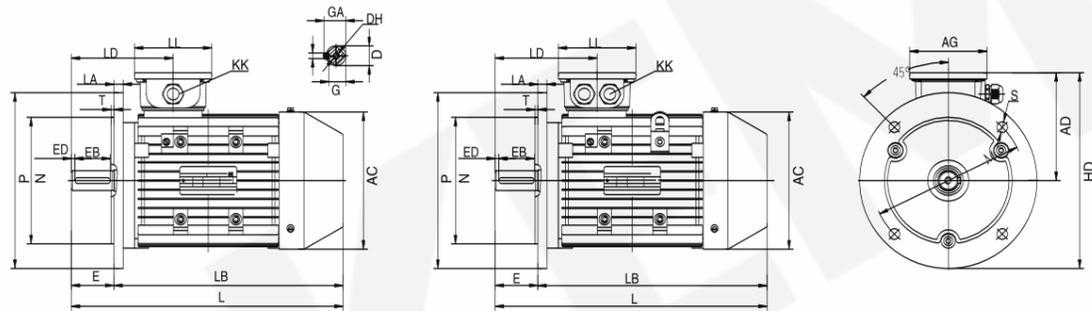


56-90

100-180

Model	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LD	LL
56	90	23	111	113	96	86	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	1-M20X1.5	199	83	86
63	100	24	123	120	102	101	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	1-M20X1.5	217	95.5	101
71	112	26	138	136	109	101	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	1-M20X1.5	245	110.5	101
80	125	35	157	158	129	101	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	1-M25X1.5	290	115	101
90S	140	37	173	175	140	109	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	325	145	109
90L	140	37	173	175	140	109	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	350	145	109
100L	160	40	196	198	156	109	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	1-M32X1.5	398	148.5	109
112M	190	40	227	230	176	117.5	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	2-M32X1.5	394	154	117.5
132S	216	51	262	258	188	117.5	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	475	180	117.5
132M	216	51	262	258	188	117.5	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	513	180	117.5
160M	254	55	304	315	242	167	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	609	268.5	167
160L	254	55	304	315	242	167	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	653	268.5	167
180M	279	75	350	355	272	167	241	61	311	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	15X18	2-M40X1.5	727	386	157
180L	279	75	350	355	272	167	279	61	350	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	15X18	2-M40X1.5	765	386	157

IM B5 H56-180



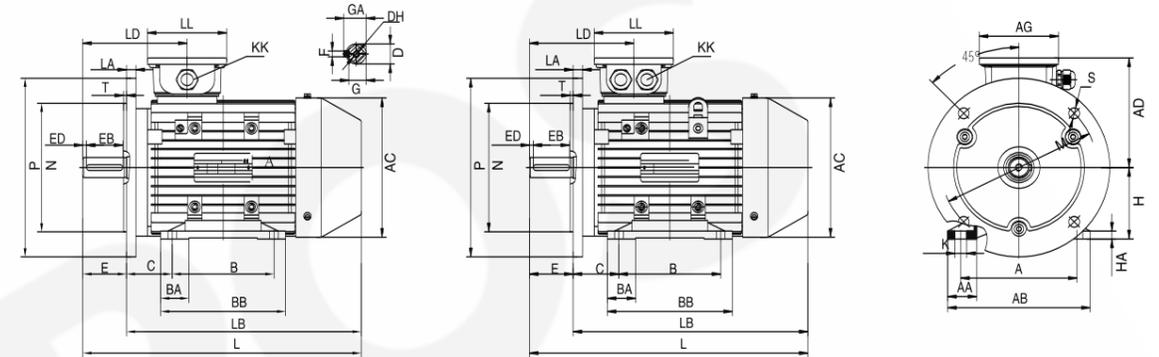
56-90

100-180

Model	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	METRIC	L	LA	LB	LD	LL	M	N	P	S	T
56	113	96	86	9	M4X12	20	16	2	3	7.2	10.2	156	1-M20X1.5	199	8	179	83	86	100	80	120	7	3
63	120	102	101	11	M4X12	23	16	3.5	4	8.5	12.5	172	1-M20X1.5	217	10	194	95.5	101	115	95	140	10	3
71	136	109	101	14	M5X12	30	25	2.5	5	11	16	189	1-M20X1.5	245	10	215	110.5	101	130	110	160	10	3.5
80	158	129	101	19	M6X16	40	30	5	6	15.5	21.5	229	1-M25X1.5	290	12	250	115	101	165	130	200	12	3.5
90S	175	140	109	24	M8X19	50	40	5	8	20	27	240	1-M25X1.5	325	12	275	145	109	165	130	200	12	3.5
90L	175	140	109	24	M8X19	50	40	5	8	20	27	240	1-M25X1.5	350	12	300	145	109	165	130	200	12	3.5
100L	198	156	109	28	M10X22	60	50	5	8	24	31	281	1-M32X1.5	398	13	338	148.5	109	215	180	250	14.5	4
112M	230	176	117.5	28	M10X22	60	50	5	8	24	31	301	2-M32X1.5	394	14	334	154	117.5	215	180	250	14.5	4
132S	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	338	2-M32X1.5	475	14	395	180	117.5	265	230	300	14.5	4
132M	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	338	2-M32X1.5	513	14	433	180	117.5	265	230	300	14.5	4
160M	315	242	167	42	M16X36	110	90	10	12	37	45	417	2-M40X1.5	609	15	499	268.5	167	300	250	350	18.5	5
160L	315	242	167	42	M16X36	110	90	10	12	37	45	417	2-M40X1.5	653	15	543	268.5	167	300	250	350	18.5	5
180M	355	272	167	48	M16X36	110	90	10	14	42.5	51.5	447	2-M40X1.5	727	15	617	386	157	300	250	350	18.5	5
180L	355	272	167	48	M16X36	110	90	10	14	42.5	51.5	447	2-M40X1.5	765	15	655	386	157	300	250	350	18.5	5

YE3 Aluminum - Mounting and Overall Dimensions

IM B35 H56-180

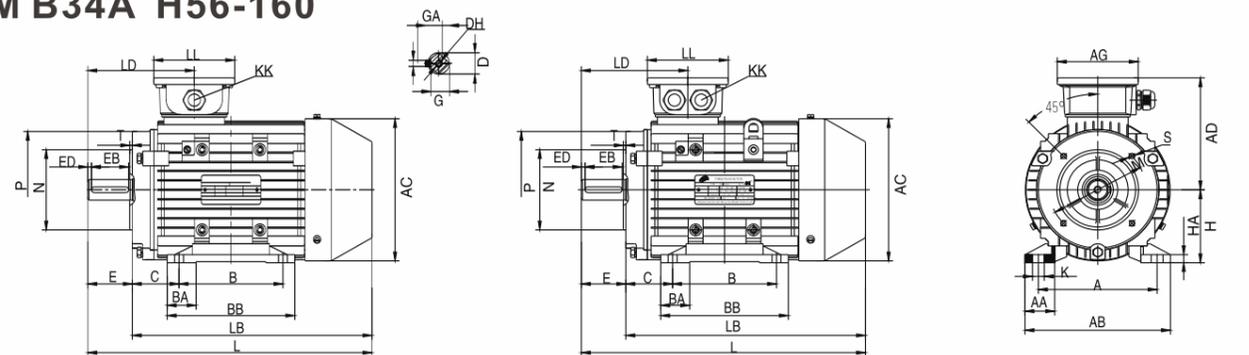


56-90

100-180

Model	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	METRIC	L	LA	LB	LD	LL	M	N	P	S	T
56	90	23	111	113	96	86	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	1-M20X1.5	199	8	179	83	86	100	80	120	7	3
63	100	24	123	120	102	101	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	1-M20X1.5	217	10	194	95.5	101	115	95	140	10	3
71	112	26	138	136	109	101	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	1-M20X1.5	245	10	215	110.5	101	130	110	160	10	3.5
80	125	35	157	158	129	101	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	1-M25X1.5	290	12	250	115	101	165	130	200	12	3.5
90S	140	37	173	175	140	109	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	325	12	275	145	109	165	130	200	12	3.5
90L	140	37	173	175	140	109	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	350	12	300	145	109	165	130	200	12	3.5
100L	160	40	196	198	156	109	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	1-M32X1.5	398	13	338	148.5	109	215	180	250	14.5	4
112M	190	40	227	230	176	117.5	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	2-M32X1.5	394	14	334	154	117.5	215	180	250	14.5	4
132S	216	51	262	258	188	117.5	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	475	14	395	180	117.5	265	230	300	14.5	4
132M	216	51	262	258	188	117.5	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	513	14	433	180	117.5	265	230	300	14.5	4
160M	254	55	304	315	242	167	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	609	15	499	268.5	167	300	250	350	18.5	5
160L	254	55	304	315	242	167	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	653	15	543	268.5	167	300	250	350	18.5	5
180M	279	75	350	355	272	167	241	61	311	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	15X18	2-M40X1.5	727	15	617	386	157	300	250	350	18.5	5
180L	279	75	350	355	272	167	279	61	350	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	15X18	2-M40X1.5	765	15	655	386	157	300	250	350	18.5	5

IM B34A H56-160



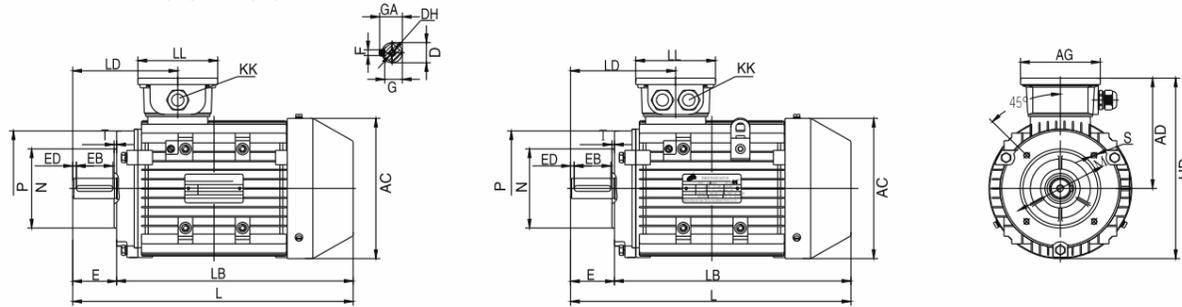
56-90

100-160

Model	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	METRIC	L	LB	LD	LL	M	N	P	S	T
56	90	23	111	113	96	86	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	1-M20X1.5	199	179	83	86	65	50	80	M5	2.5
63	100	24	123	120	102	101	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	1-M20X1.5	217	194	95.5	101	75	60	90	M5	2.5
71	112	26	138	136	109	101	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	1-M20X1.5	245	215	110.5	1					

YE3 Aluminum – Mounting and Overall Dimensions

IM B14A H56-160



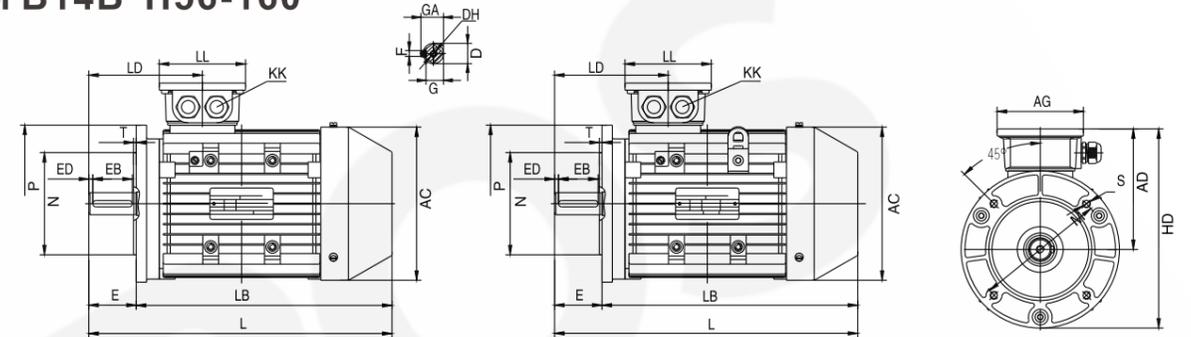
56-90

100-160

Model	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	METRIC	L	LB	LD	LL	M	N	P	S	T
56	113	96	86	9	M4X12	20	16	2	3	7.2	10.2	152.5	1-M20X1.5	199	179	83	86	65	50	80	M5	2.5
63	120	102	101	11	M4X12	23	16	3.5	4	8.5	12.5	162	1-M20X1.5	217	194	95.5	101	75	60	90	M5	2.5
71	136	109	101	14	M5X12	30	25	2.5	5	11	16	177	1-M20X1.5	245	215	110.5	101	85	70	105	M6	2.5
80	158	129	101	19	M6X16	40	30	5	6	15.5	21.5	208	1-M25X1.5	290	250	115	101	100	80	120	M6	3
90S	175	140	109	24	M8X19	50	40	5	8	20	27	227.5	1-M25X1.5	325	275	145	109	115	95	140	M8	3
90L	175	140	109	24	M8X19	50	40	5	8	20	27	227.5	1-M25X1.5	350	300	145	109	115	95	140	M8	3
100L	198	156	109	28	M10X22	60	50	5	8	24	31	255	1-M32X1.5	398	338	148.5	109	130	110	160	M8	3.5
112M	230	176	117.5	28	M10X22	60	50	5	8	24	31	291	2-M32X1.5	394	334	154	117.5	130	110	160	M8	3.5
132S	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	475	395	180	117.5	165	130	200	M10	3.5
132M	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	513	433	180	117.5	165	130	200	M10	3.5
160M	315	242	167	42	M16X36	110	90	10	12	37	45	399.5	2-M40X1.5	609	499	268.5	167	215	180	250	M12	4
160L	315	242	167	42	M16X36	110	90	10	12	37	45	399.5	2-M40X1.5	653	543	268.5	167	215	180	250	M12	4

YE3 Aluminum – Mounting and Overall Dimensions

IM B14B H56-160

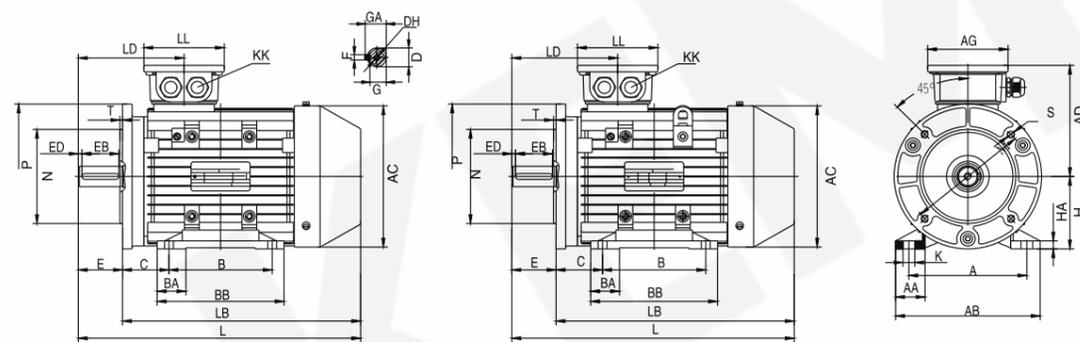


56-90

100-160

Model	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	METRIC	L	LB	LD	LL	M	N	P	S	T
56	113	96	86	9	M4X12	20	16	2	3	7.2	10.2	152.5	1-M20X1.5	199	179	83	86	65	50	80	M5	2.5
63	120	102	101	11	M4X12	23	16	3.5	4	8.5	12.5	162	1-M20X1.5	217	194	95.5	101	75	60	90	M5	2.5
71	136	109	101	14	M5X12	30	25	2.5	5	11	16	177	1-M20X1.5	245	215	110.5	101	85	70	105	M6	2.5
80	158	129	101	19	M6X16	40	30	5	6	15.5	21.5	209	1-M25X1.5	290	250	115	101	100	80	120	M6	3
90S	175	140	109	24	M8X19	50	40	5	8	20	27	227.5	1-M25X1.5	325	275	145	109	115	95	140	M8	3
90L	175	140	109	24	M8X19	50	40	5	8	20	27	227.5	1-M25X1.5	350	300	145	109	115	95	140	M8	3.5
100L	198	156	109	28	M10X22	60	50	5	8	24	31	256	1-M32X1.5	398	338	148.5	109	130	110	160	M8	3.5
112M	230	176	117.5	28	M10X22	60	50	5	8	24	31	291	2-M32X1.5	394	334	154	117.5	130	110	160	M8	3.5
132S	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	475	395	180	117.5	165	130	200	M10	3.5
132M	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	513	433	180	117.5	165	130	200	M10	3.5
160M	315	242	167	42	M16X36	110	90	10	12	37	45	399.5	2-M40X1.5	609	499	268.5	167	265	230	300	M12	4
160L	315	242	167	42	M16X36	110	90	10	12	37	45	399.5	2-M40X1.5	653	543	268.5	167	265	230	300	M12	4

IM B34B H56-160



56-90

100-160

Model	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	METRIC	L	LB	LD	LL	M	N	P	S	T
56	90	23	111	113	96	86	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	1-M20X1.5	199	179	83	86	65	50	80	M6	2.5
63	100	24	123	120	102	101	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	1-M20X1.5	217	194	95.5	101	75	60	90	M6	3
71	112	26	138	136	109	101	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	1-M20X1.5	245	215	110.5	101	85	70	105	M8	3
80	125	35	157	158	129	101	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	1-M25X1.5	290	250	115	101	100	80	120	M6	3.5
90S	140	37	173	175	140	109	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	325	275	145	109	130	110	160	M8	3.5
90L	140	37	173	175	140	109	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	350	300	145	109	130	110	160	M8	3.5
100L	160	40	196	198	156	109	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	1-M32X1.5	398	338	148.5	109	165	130	200	M10	3.5
112M	190	40	227	230	176	117.5	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	2-M32X1.5	394	334	154	117.5	165	130	200	M10	3.5
132S	216	51	262	258	188	117.5	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	475	395	180	117.5	215	180	250	M12	4
132M	216	51	262	258	188	117.5	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	513	433	180	117.5	215	180	250	M12	4
160M	254	55	304	315	242	167	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	609	499	268.5	167	265	230	300	M12	4
160L	254	55	304	315	242	167	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	653	543	268.5	167	265	230	300	M12	4



YE4 Cast Iron – Technical Data

Rated Speed: 3000 RPM | 2-Pole | 50Hz

Super Premium Efficiency (IE4) • Cast Iron • 2-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE4)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE4-631-2	0.18	0.25	2745	70.8	70.8	69.4	0.80	0.48	0.46	0.44	0.63	2.2	2.2	5.5	11.3
YE4-632-2	0.25	0.37	2745	74.3	74.3	72.8	0.81	0.63	0.60	0.58	0.87	2.2	2.2	5.5	11.8
YE4-711-2	0.37	0.5	2765	78.1	78.1	76.5	0.81	0.89	0.84	0.81	1.28	2.2	2.2	6.1	13.2
YE4-712-2	0.55	0.75	2765	81.5	81.5	79.9	0.82	1.25	1.19	1.14	1.90	2.3	2.3	6.1	14.5
YE4-801-2	0.75	1	2910	83.5	83.5	81.8	0.82	1.66	1.58	1.52	2.46	2.3	2.3	7.0	20
YE4-802-2	1.1	1.5	2920	85.2	85.2	83.5	0.83	2.36	2.25	2.16	3.60	2.2	2.3	7.3	21
YE4-90S-2	1.5	2	2930	86.5	86.5	84.8	0.84	3.14	2.98	2.87	4.89	2.2	2.3	7.6	24
YE4-90L-2	2.2	3	2930	88.0	88.0	86.2	0.85	4.47	4.25	4.09	7.17	2.2	2.3	7.6	29
YE4-100L-2	3	4	2935	89.1	89.1	87.3	0.87	5.88	5.59	5.38	9.76	2.2	2.3	7.8	37
YE4-112M-2	4	5.5	2940	90.0	90.0	88.2	0.88	7.67	7.29	7.03	13.0	2.2	2.3	8.3	48
YE4-132S1-2	5.5	7.5	2945	90.9	90.9	89.1	0.88	10.4	9.9	9.57	17.8	2.0	2.3	8.3	76
YE4-132S2-2	7.5	10	2950	91.7	91.7	89.9	0.88	14.1	13.4	12.9	24.3	2.0	2.3	7.9	85
YE4-160M1-2	11	15	2960	92.6	92.6	90.7	0.89	20.3	19.3	18.6	35.5	2.0	2.3	8.1	133
YE4-160M2-2	15	20	2960	93.3	93.3	91.4	0.89	27.4	26.1	25.1	48.4	2.0	2.3	8.1	146
YE4-160L-2	18.5	25	2960	93.7	93.7	91.8	0.89	33.7	32.0	30.9	59.7	2.0	2.3	8.2	160
YE4-180M-2	22	30	2965	94.0	94.0	92.1	0.89	40.0	38.0	36.6	70.9	2.0	2.3	8.2	221
YE4-200L1-2	30	40	2970	94.5	94.5	92.6	0.89	54.2	51.5	49.6	96.5	2.0	2.3	7.6	260
YE4-200L2-2	37	50	2970	94.8	94.8	92.9	0.89	66.6	63.3	61.0	119.0	2.0	2.3	7.6	309
YE4-225M-2	45	60	2975	95.0	95.0	93.1	0.90	80.0	76.0	73.2	144.5	2.0	2.3	7.7	370
YE4-250M-2	55	75	2975	95.3	95.3	93.4	0.90	97.4	92.6	89.2	176.6	2.0	2.3	7.7	520
YE4-280S-2	75	100	2980	95.6	95.6	93.7	0.90	132	126	121	240.4	1.8	2.3	7.1	570
YE4-280M-2	90	125	2982	95.8	95.8	93.9	0.90	159	151	145	288.2	1.8	2.3	7.1	630
YE4-315S-2	110	150	2980	96.0	96.0	94.1	0.90	193	184	177	352.5	1.8	2.3	7.1	985
YE4-315M-2	132	180	2980	96.2	96.2	94.3	0.90	232	220	212	423.0	1.8	2.3	7.1	1050
YE4-315L1-2	160	200	2980	96.3	96.3	94.4	0.91	277	264	254	512.8	1.8	2.3	7.2	1160
YE4-315L2-2	200	270	2980	96.5	96.5	94.6	0.91	346	329	317	640.9	1.8	2.2	7.2	1200
YE4-355M-2	250	340	2985	96.5	96.5	94.6	0.91	433	411	396	799.8	1.6	2.2	7.2	2050
YE4-355L-2	315	430	2982	96.5	96.5	94.6	0.91	545	518	499	1009	1.6	2.2	7.2	2380

YE4 Cast Iron – Technical Data

Rated Speed: 1500 RPM | 4-Pole | 50Hz

Super Premium Efficiency (IE4) • Cast Iron • 4-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE4)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE4-631-4	0.12	0.18	1340	69.8	69.8	68.4	0.72	0.36	0.34	0.33	0.86	2.1	2.2	4.4	11.8
YE4-632-4	0.18	0.25	1340	74.7	74.7	73.2	0.73	0.50	0.48	0.46	1.28	2.1	2.2	4.4	12.6
YE4-711-4	0.25	0.37	1355	77.9	77.9	76.3	0.74	0.66	0.63	0.6	1.76	2.1	2.2	5.2	18
YE4-712-4	0.37	0.5	1355	81.1	81.1	79.5	0.75	0.92	0.88	0.85	2.61	2.1	2.2	5.2	19.5
YE4-801-4	0.55	0.75	1420	83.9	83.9	82.2	0.75	1.33	1.26	1.22	3.70	2.4	2.3	5.2	21
YE4-802-4	0.75	1	1430	85.7	85.7	84.0	0.75	1.77	1.68	1.62	5.01	2.3	2.3	6.6	24
YE4-90S-4	1.1	1.5	1445	87.2	87.2	85.5	0.76	2.52	2.40	2.31	7.27	2.3	2.3	6.8	30
YE4-90L-4	1.5	2	1450	88.2	88.2	86.4	0.77	3.36	3.19	3.07	9.88	2.3	2.3	7.0	34
YE4-100L1-4	2.2	3	1455	89.5	89.5	87.7	0.81	4.61	4.38	4.22	14.4	2.3	2.3	7.6	47
YE4-100L2-4	3	4	1455	90.4	90.4	88.6	0.82	6.15	5.84	5.63	19.7	2.3	2.3	7.6	53
YE4-112M-4	4	5.5	1460	91.1	91.1	89.3	0.82	8.14	7.73	7.45	26.2	2.2	2.3	7.8	60
YE4-132S-4	5.5	7.5	1470	91.9	91.9	90.1	0.83	11.0	10.4	10.0	35.7	2.0	2.3	7.9	85
YE4-132M-4	7.5	10	1470	92.6	92.6	90.7	0.84	14.6	13.9	13.4	48.7	2.0	2.3	7.5	96
YE4-160M-4	11	15	1475	93.3	93.3	91.4	0.85	21.1	20.0	19.3	71.2	2.2	2.3	7.7	146
YE4-160L-4	15	20	1475	93.9	93.9	92.0	0.86	28.2	26.8	25.8	97.1	2.2	2.3	7.8	156
YE4-180M-4	18.5	25	1480	94.2	94.2	92.3	0.86	34.7	33.0	31.8	119.4	2.0	2.3	7.8	181
YE4-180L-4	22	30	1480	94.5	94.5	92.6	0.86	41.1	39.1	37.7	142.0	2.0	2.3	7.8	209
YE4-200L-4	30	40	1480	94.9	94.9	93.0	0.86	55.8	53.1	51.1	193.6	2.0	2.3	7.3	280
YE4-225S-4	37	50	1485	95.2	95.2	93.3	0.86	68.7	65.2	62.9	237.9	2.0	2.3	7.4	373
YE4-225M-4	45	60	1485	95.4	95.4	93.5	0.86	83.3	79.2	76.3	289.4	2.0	2.3	7.4	390
YE4-250M-4	55	75	1485	95.7	95.7	93.8	0.86	102	96.5	93.0	353.7	2.2	2.3	7.4	553
YE4-280S-4	75	100	1490	96.0	96.0	94.1	0.88	135	128	124	480.7	2.0	2.3	6.9	655
YE4-280M-4	90	125	1490	96.1	96.1	94.2	0.88	162	154	148	576.8	2.0	2.3	6.9	730
YE4-315S-4	110	150	1490	96.3	96.3	94.4	0.89	195	185	179	705.0	2.0	2.2	7.0	980
YE4-315M-4	132	180	1490	96.4	96.4	94.5	0.89	234	222	214	846.0	2.0	2.2	7.0	1031
YE4-315L1-4	160	200	1490	96.6	96.6	94.7	0.89	283	269	259	1026	2.0	2.2	7.1	1093
YE4-315L2-4	200	270	1490	96.7	96.7	94.8	0.90	349	332	320	1282	2.0	2.2	7.1	1190
YE4-355M-4	250	340	1490	96.7	96.7	94.8	0.90	436	415	400	1602	2.0	2.2	7.1	1754
YE4-355L-4	315	430	1490	96.7	96.7	94.8	0.90	550	522	504	2019	2.0	2.2	7.1	1960

YE4 Cast Iron – Technical Data

Rated Speed: 1000 RPM | 6-Pole | 50Hz

Super Premium Efficiency (IE4) • Cast Iron • 6-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE4)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE4-632-6	0.12	0.18	860	64.9	64.9	63.6	0.60	0.47	0.44	0.43	1.33	1.8	1.9	3.5	12.3
YE4-711-6	0.18	0.25	860	70.1	70.1	68.7	0.66	0.59	0.56	0.54	2.00	1.9	2.0	4.0	13.3
YE4-712-6	0.25	0.37	860	74.1	74.1	72.6	0.68	0.75	0.72	0.69	2.78	1.9	2.0	4.0	13.8
YE4-801-6	0.37	0.5	895	78.0	78.0	76.4	0.70	1.03	0.98	0.94	3.95	1.9	2.0	4.7	18.2
YE4-802-6	0.55	0.75	895	80.9	80.9	79.3	0.72	1.43	1.36	1.31	5.87	1.9	2.1	4.7	20
YE4-90S-6	0.75	1	950	82.7	82.7	81.0	0.71	1.94	1.84	1.78	7.54	2.0	2.1	6.0	28
YE4-90L-6	1.1	1.5	955	84.5	84.5	82.8	0.73	2.71	2.57	2.48	11.0	2.0	2.1	6.0	32
YE4-100L-6	1.5	2	960	85.9	85.9	84.2	0.73	3.63	3.45	3.33	14.9	2.0	2.1	6.5	40
YE4-112M-6	2.2	3	965	87.4	87.4	85.7	0.74	5.17	4.91	4.73	21.8	2.0	2.1	6.6	56
YE4-132S-6	3	4	970	88.6	88.6	86.8	0.74	6.95	6.60	6.37	29.5	2.0	2.1	6.8	78
YE4-132M1-6	4	5.5	975	89.5	89.5	87.7	0.74	9.18	8.72	8.40	39.2	2.0	2.1	6.8	89
YE4-132M2-6	5.5	7.5	975	90.5	90.5	88.7	0.75	12.3	11.7	11.3	53.9	2.0	2.1	7.0	102
YE4-160M-6	7.5	10	980	91.3	91.3	89.5	0.79	15.8	15.0	14.5	73.1	2.0	2.1	7.0	140
YE4-160L-6	11	15	980	92.3	92.3	90.5	0.80	22.6	21.5	20.7	107.2	2.0	2.1	7.2	160
YE4-180L-6	15	20	985	92.9	92.9	91.0	0.81	30.3	28.8	27.7	145.4	2.0	2.1	7.3	245
YE4-200L1-6	18.5	25	985	93.4	93.4	91.5	0.81	37.2	35.3	34.0	179.4	2.0	2.1	7.3	265
YE4-200L2-6	22	30	985	93.7	93.7	91.8	0.81	44.0	41.8	40.3	213.3	2.0	2.1	7.4	285
YE4-225M-6	30	40	990	94.2	94.2	92.3	0.83	58.3	55.4	53.4	289.4	2.0	2.1	6.9	335
YE4-250M-6	37	50	990	94.5	94.5	92.6	0.84	70.8	67.3	64.8	356.9	2.0	2.1	7.1	471
YE4-280S-6	45	60	990	94.8	94.8	92.9	0.85	84.8	80.6	77.7	434.1	2.0	2.0	7.3	530
YE4-280M-6	55	75	990	95.1	95.1	93.2	0.86	102	97.1	93.6	530.6	2.0	2.0	7.3	670
YE4-315S-6	75	100	990	95.4	95.4	93.5	0.84	142	135	130	723.5	2.0	2.0	6.6	960
YE4-315M-6	90	125	990	95.6	95.6	93.7	0.85	168	160	154	868.2	2.0	2.0	6.7	1070
YE4-315L1-6	110	150	990	95.8	95.8	93.9	0.85	205	195	188	1061	2.0	2.0	6.7	1160
YE4-315L2-6	132	180	990	96.0	96.0	94.1	0.86	243	231	222	1273	2.0	2.0	6.8	1250
YE4-355M1-6	160	200	990	96.2	96.2	94.3	0.86	294	279	269	1543	1.8	2.0	6.8	1780
YE4-355M2-6	200	270	990	96.3	96.3	94.4	0.87	363	345	332	1929	1.8	2.0	6.8	1900
YE4-355L-6	250	340	990	96.5	96.5	94.6	0.87	452	430	414	2412	1.8	2.0	6.8	2100

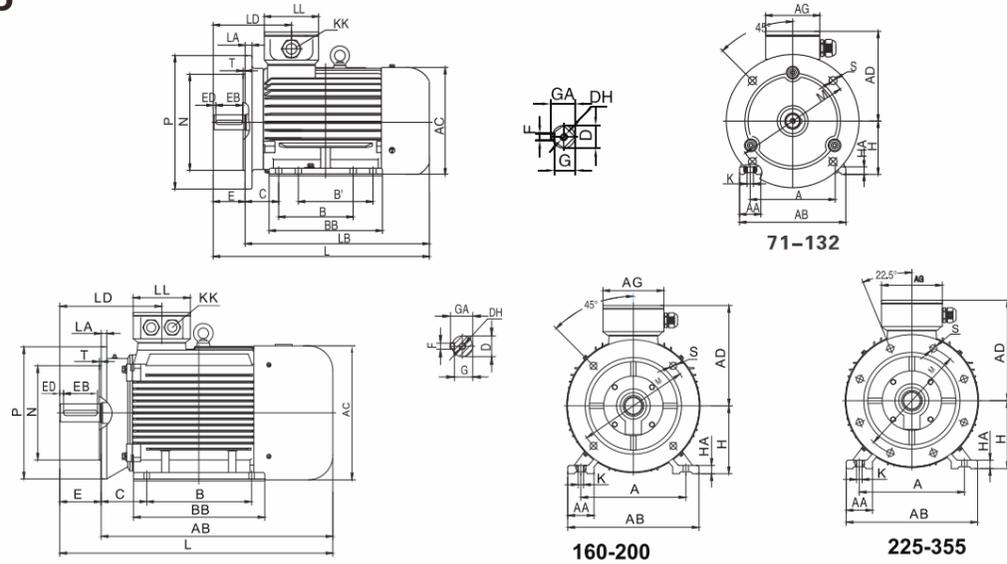
YE4 Cast Iron – Technical Data

Rated Speed: 750 RPM | 8-Pole | 50Hz

Super Premium Efficiency (IE4) • Cast Iron • 8-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE4)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE4-712-8	0.12	0.18	610	62.3	62.3	61.1	0.57	0.51	0.49	0.47	1.88	1.8	1.9	2.8	13
YE4-801-8	0.18	0.25	655	67.2	67.2	65.9	0.61	0.67	0.63	0.61	2.62	1.8	1.9	3.3	17.4
YE4-802-8	0.25	0.37	655	70.8	70.8	69.4	0.61	0.88	0.84	0.81	3.65	1.8	1.9	3.3	20
YE4-90S-8	0.37	0.5	680	74.3	74.3	72.8	0.61	1.24	1.18	1.14	5.20	1.8	1.9	4.0	34
YE4-90L-8	0.55	0.75	680	77.0	77.0	75.5	0.61	1.78	1.69	1.63	7.72	1.8	2.0	4.0	35.5
YE4-100L1-8	0.75	1	700	78.4	78.4	76.8	0.67	2.17	2.06	1.99	10.2	1.8	2.0	4.0	40
YE4-100L2-8	1.1	1.5	700	80.8	80.8	79.2	0.69	3.00	2.85	2.74	15.0	1.8	2.0	5.0	45
YE4-112M-8	1.5	2	710	82.6	82.6	80.9	0.70	3.94	3.74	3.61	20.2	1.8	2.0	5.0	50
YE4-132S-8	2.2	3	720	84.5	84.5	82.8	0.71	5.57	5.29	5.10	29.2	1.8	2.0	6.0	78
YE4-132M-8	3	4	720	85.9	85.9	84.2	0.73	7.27	6.91	6.66	39.8	1.8	2.0	6.0	88
YE4-160M1-8	4	5.5	730	87.1	87.1	85.4	0.73	9.56	9.08	8.75	52.3	1.9	2.0	6.0	138
YE4-160M2-8	5.5	7.5	730	88.3	88.3	86.5	0.74	12.8	12.1	11.7	72.0	1.9	2.0	6.0	150
YE4-160L-8	7.5	10	730	89.3	89.3	87.5	0.75	17.0	16.2	15.6	98.1	1.9	2.0	6.0	170
YE4-180L-8	11	15	735	90.4	90.4	88.6	0.75	24.7	23.4	22.6	142.9	2.0	2.0	6.5	230
YE4-200L-8	15	20	735	91.2	91.2	89.4	0.76	32.9	31.2	30.1	194.9	2.0	2.0	6.6	280
YE4-225S-8	18.5	25	735	91.7	91.7	89.9	0.76	40.3	38.2	36.9	240.4	1.9	2.0	6.6	302
YE4-225M-8	22	30	735	92.1	92.1	90.3	0.78	46.5	44.2	42.6	285.9	1.9	2.0	6.6	335
YE4-250M-8	30	40	735	92.7	92.7	90.8	0.79	62.2	59.1	57.0	389.8	1.9	2.0	6.5	400
YE4-280S-8	37	50	740	93.1	93.1	91.2	0.79	76.4	72.6	70.0	477.5	1.9	2.0	6.6	520
YE4-280M-8	45	60	740	93.4	93.4	91.5	0.79	92.7	88.0	84.8	580.7	1.9	2.0	6.6	600
YE4-315S-8	55	75	740	93.7	93.7	91.8	0.81	110	105	101	709.8	1.8	2.0	6.6	1010
YE4-315M-8	75	100	740	94.2	94.2	92.3	0.81	149	142	137	967.9	1.8	2.0	6.2	1140
YE4-315L1-8	90	125	740	94.4	94.4	92.5	0.82	177	168	162	1161	1.8	2.0	6.4	1175
YE4-315L2-8	110	150	740	94.7	94.7	92.8	0.82	215	204	197	1420	1.8	2.0	6.4	1210
YE4-355M1-8	132	180	740	94.9	94.9	93.0	0.82	258	245	236	1704	1.8	2.0	6.4	2050
YE4-355M2-8	160	220	740	95.1	95.1	93.2	0.82	312	296	285	2065	1.8	2.0	6.4	2200
YE4-355L-8	200	270	740	95.4	95.4	93.5	0.83	384	365	351	2581	1.8	2.0	6.4	2300

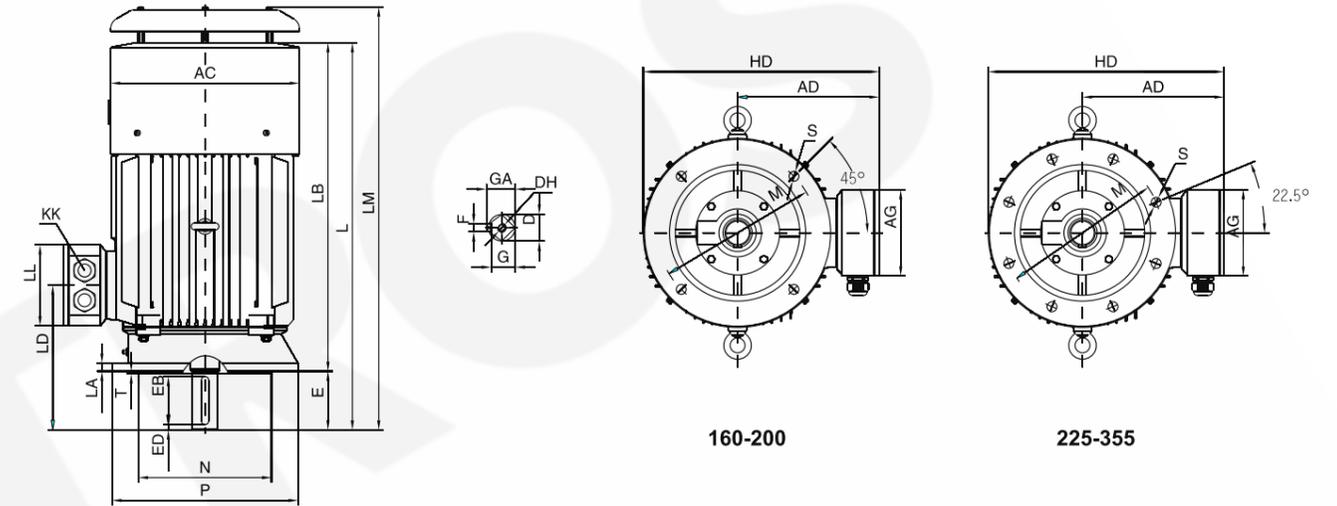
YE4 · YE5 Cast Iron – Mounting and Overall Dimensions

H63-355



YE4 · YE5 Cast Iron – Mounting and Overall Dimensions

H160-355



Model	Pole	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LA	LD	LL	M	N	P	S	T
63	2,4,6	100	30	130	136	116	94	80	110	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	8	4-Φ7	1-M20X1.5	250	10	80.5	94	115	95	140	10	3
71	2,4,6	112	32	144	155	136	94	90	120	45	14	M5X12	30	25	2.5	5	11	16	71	8	4-Φ7	1-M20X1.5	266	10	99	94	130	110	160	10	3.5
80	2,4,6,8	125	34	160	167	147	102	100	150	50	19	M6X16	40	30	5	6	15.5	21.5	80	10	4-Φ10	1-M25X1.5	311	12	119	102	165	130	200	12	3-5
90S	2,4,6,8	140	36	176	183.4	155.5	102	100	180	56	24	M8X19	50	40	5	8	20	27	90	12	4-Φ10	1-M25X1.5	356	12	125	102	165	130	200	12	3-5
90L	2,4,6,8	140	36	176	183.4	155.5	102	125	210	56	24	M8X19	50	40	5	8	20	27	90	12	4-Φ10	1-M25X1.5	386	12	125	102	165	130	200	12	3-5
100L	2,4,6,8	160	40	200	205.4	167	102	140	213	63	28	M10X22	60	50	5	8	24	31	100	14	4-Φ12	1-M32X1.5	411	13	147	102	215	180	250	14.5	4
112M	2,4,6,8	190	50	240	230	188	118	140	188	70	28	M10X22	60	50	5	8	24	31	112	15	4-Φ12	2-M32X1.5	394	14	147	110	215	180	250	14.5	4
132S	2,4,6,8	216	55	262	292.4	217	118	140	226	89	38	M12X28	80	65	7.5	10	33	41	132	18	4-Φ12	2-M32X1.5	503	14	179	110	265	230	300	14.5	4
132M	4,6,8	216	55	262	292.4	217	118	178	256	89	38	M12X28	80	65	7.5	10	33	41	132	18	4-Φ12	2-M32X1.5	533	14	179	110	265	230	300	14.5	4
160M	2,4,6,8	254	65	314	335	256	162	210	315	108	42	M16X36	110	90	10	12	37	45	160	20	4-Φ14.5	2-M40X1.5	648	15	248	152	300	250	350	18.5	5
160L	2,4,6,8	254	65	314	335	256	162	254	355	108	42	M16X36	110	90	10	12	37	45	160	20	4-Φ14.5	2-M40X1.5	688	15	248	152	300	250	350	18.5	5
180M	2,4,8	279	70	349	363	271	162	241	359	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-Φ14.5	2-M40X1.5	711	15	271	152	300	250	350	18.5	5
180L	4,6,8	279	70	349	363	271	162	279	360	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-Φ14.5	2-M40X1.5	746	15	271	152	300	250	350	18.5	5
200L	2,4,6,8	318	70	395	418	312	210	305	372	133	55	M20X42	110	100	5	16	49	59	200	25	4-Φ18.5	2-M50X1.5	846	17	296	190	350	300	400	18.5	5
225S	4,8	356	75	431	465	334	210	286	431	149	60	M20X42	140	125	7.5	18	53	64	225	28	4-Φ18.5	2-M50X1.5	880	20	330	190	400	350	450	18.5	5
225M	2	356	75	431	465	334	210	311	466	149	55	M20X42	110	100	5	16	49	59	225	28	4-Φ18.5	2-M50X1.5	885	20	299	190	400	350	450	18.5	5
225M	4,6,8	356	75	431	465	334	210	311	466	149	60	M20X42	140	125	7.5	18	53	64	225	28	4-Φ18.5	2-M50X1.5	915	20	330	190	400	350	450	18.5	5
250M	2	406	80	484	525	379	248	349	515	168	60	M20X42	140	125	7.5	18	53	64	250	30	4-Φ24	2-M63X1.5	980	22	347	220	500	450	550	18.5	5
250M	4,6,8	406	80	484	525	379	248	349	515	168	65	M20X42	140	125	7.5	18	58	69	250	30	4-Φ24	2-M63X1.5	980	22	347	220	500	450	550	18.5	5
280S	2	457	85	542	588	412	248	368	510	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-Φ24	2-M63X1.5	980	22	355	220	500	450	550	18.5	5
280S	4,6,8	457	85	542	588	412	248	368	510	190	75	M20X42	140	125	7.5	20	67.5	79.5	280	35	4-Φ24	2-M63X1.5	980	22	355	220	500	450	550	18.5	5
280M	2	457	85	542	588	412	248	419	550	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-Φ24	2-M63X1.5	1020	22	355	220	500	450	550	18.5	5
280M	4,6,8	457	85	542	588	412	248	419	550	190	75	M20X42	140	125	7.5	20	67.5	79.5	280	35	4-Φ24	2-M63X1.5	1020	22	355	220	500	450	550	18.5	5
315S	2	508	120	628	620	524	320	406	570	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Φ28	2-M63X1.5	1158	22	397	280	600	550	660	24	6
315S	4,6,8,10	508	120	628	620	524	320	406	570	216	80	M20X42	170	160	5	22	71	85	315	45	4-Φ28	2-M63X1.5	1188	22	427	280	600	550	660	24	6
315M	2	508	120	628	620	524	320	457	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Φ28	2-M63X1.5	1268	22	397	280	600	550	660	24	6
315M	4,6,8,10	508	120	628	620	524	320	457	680	216	80	M20X42	170	160	5	22	71	85	315	45	4-Φ28	2-M63X1.5	1298	22	427	280	600	550	660	24	6
315L	2	508	120	628	620	524	320	508	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Φ28	2-M63X1.5	1268	22	397	280	600	550	660	24	6
315L	4,6,8,10	508	120	628	620	524	320	508	680	216	80	M20X42	170	160	5	22	71	85	315	45	4-Φ28	2-M63X1.5	1298	22	427	280	600	550	660	24	6
355M	2	610	116	726	698	639	380	560	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6-Φ28	2-M63X1.5	1496	25	422	330	740	680	800	24	6
355M	4,6,8,10	610	116	726	698	639	380	560	750	254	95	M24X50	170	160	5	25	86	100	355	52	6-Φ28	2-M63X1.5	1536	25	452	330	740	680	800	24	6
355L	2	610	116	726	698	639	380	630	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6-Φ28	2-M63X1.5	1496	25	422	330	740	680	800	24	6
355L	4,6,8,10	610	116	726	698	639	380	630	750	254	95	M24X50	170	160	5	25	86	100	355	52	6-Φ28	2-M63X1.5	1536	25	452	330	740	680	800	24	6

Model	Pole	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	KK	L	LA	LD	LL	LM	M	N	P	S	T
160M	2,4,6,8	335	256	162	42	M16X36	110	90	10	12	37	45	426	2-M40X1.5	648	15	248	152	698	300	250	350	18.5	5
160L	2,4,6,8	335	256	162	42	M16X36	110	90	10	12	37	45	426	2-M40X1.5	688	15	248	152	738	300	250	350	18.5	5
180M	2,4,8	363	271	162	48	M16X36	110	90	10	14	42.5	51.5	445	2-M40X1.5	711	15	271	152	761	300	250	350	18.5	5
180L	4,6,8	363	271	162	48	M16X36	110	90	10	14	42.5	51.5	445	2-M40X1.5	746	15	271	152	796	300	250	350	18.5	5
200L	2,4,6,8	418	312	210	55	M20X42	110	100	5	16	49	59	499	2-M50X1.5	846	17	296	190	906	350	300	400	18.5	5
225S	4,8	465	334	210	60	M20X42	140	125	7.5	18	53	64	547	2-M50X1.5	880	20	330	190	940	400	350	450	18.5	5
225M	2	465	334	210	55	M20X42	110	100	5	16	49	59	547	2-M50X1.5	885	20	299	190	945	400	350	450	18.5	5
225M	4,6,8	465	334	210	60	M20X42	140	125	7.5	18	53	64	547	2-M50X1.5	915	20	330	190	975	400	350	450	18.5	5
250M	2	525	379	248	60	M20X42	140	125	7.5	18	53	64	633	2-M63X1.5	980	22	347	218	1050	500	450	550	18.5	5
250M	4,6,8	525	379	248	65	M20X42	140	125	7.5	18	58	69	633	2-M63X1.5	980	22	347	218	1050	500	450	550	18.5	5
280S	2	588	412	248	65	M20X42	140	125	7.5	18	58	69	662	2-M63X1.5	980	22	355	218	1050	500	450	550	18.5	5
280S	4,6,8	588	412	248	75	M20X42	140	125	7.5	20	67.5	79.5	662	2-M63X1.5	980	22	355	218	1050	500	450	550	18.5	5
280M	2	588	412	248	65	M20X42	140	125	7.5	18	58	69	662											

YE4 Aluminum – Technical Data

Rated Speed: 3000 RPM | 2-Pole | 50Hz

Super Premium Efficiency (IE4) • Aluminum • 2-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE4)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE4-562-2	0.12	0.18	2760	66.5	66.5	65.2	0.72	0.38	0.36	0.35	0.42	2.1	2.2	5.2	5.5
YE4-631-2	0.18	0.25	2745	70.8	70.8	69.4	0.80	0.48	0.46	0.44	0.63	2.2	2.2	5.5	6.5
YE4-632-2	0.25	0.37	2745	74.3	74.3	72.8	0.81	0.63	0.60	0.58	0.87	2.2	2.2	5.5	6.8
YE4-711-2	0.37	0.5	2765	78.1	78.1	76.5	0.81	0.89	0.84	0.81	1.28	2.2	2.2	6.1	7.3
YE4-712-2	0.55	0.75	2765	81.5	81.5	79.9	0.82	1.25	1.19	1.14	1.90	2.3	2.3	6.1	8.5
YE4-801-2	0.75	1	2910	83.5	83.5	81.8	0.82	1.66	1.58	1.52	2.46	2.3	2.3	7.0	11
YE4-802-2	1.1	1.5	2920	85.2	85.2	83.5	0.83	2.36	2.25	2.16	3.60	2.2	2.3	7.3	11.6
YE4-90S-2	1.5	2	2930	86.5	86.5	84.8	0.84	3.14	2.98	2.87	4.89	2.2	2.3	7.6	16
YE4-90L-2	2.2	3	2930	88.0	88.0	86.2	0.85	4.47	4.25	4.09	7.17	2.2	2.3	7.6	20.6
YE4-100L-2	3	4	2935	89.1	89.1	87.3	0.87	5.88	5.59	5.38	9.76	2.2	2.3	7.8	23.7
YE4-112M-2	4	5.5	2940	90.0	90.0	88.2	0.88	7.67	7.29	7.03	13.0	2.2	2.3	8.3	42
YE4-132S1-2	5.5	7.5	2945	90.9	90.9	89.1	0.88	10.4	9.9	9.57	17.8	2.0	2.3	8.3	46
YE4-132S2-2	7.5	10	2950	91.7	91.7	89.9	0.88	14.1	13.4	12.9	24.3	2.0	2.3	7.9	52
YE4-160M1-2	11	15	2960	92.6	92.6	90.7	0.89	20.3	19.3	18.6	35.5	2.0	2.3	8.1	95
YE4-160M2-2	15	20	2960	93.3	93.3	91.4	0.89	27.4	26.1	25.1	48.4	2.0	2.3	8.1	103
YE4-160L-2	18.5	25	2960	93.7	93.7	91.8	0.89	33.7	32.0	30.9	59.7	2.0	2.3	8.2	115
YE4-180M-2	22	30	2965	94.0	94.0	92.1	0.89	40.0	38.0	36.6	70.9	2.0	2.3	8.2	150

Rated Speed: 1500 RPM | 4-Pole | 50Hz

Super Premium Efficiency (IE4) • Aluminum • 4-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE4)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE4-631-4	0.12	0.18	1340	69.8	69.8	68.4	0.72	0.36	0.34	0.33	0.86	2.1	2.2	4.4	5.2
YE4-632-4	0.18	0.25	1340	74.7	74.7	73.2	0.73	0.50	0.48	0.46	1.28	2.1	2.2	4.4	5.8
YE4-711-4	0.25	0.37	1355	77.9	77.9	76.3	0.74	0.66	0.63	0.6	1.76	2.1	2.2	5.2	7.2
YE4-712-4	0.37	0.5	1355	81.1	81.1	79.5	0.75	0.92	0.88	0.85	2.61	2.1	2.2	5.2	8.2
YE4-801-4	0.55	0.75	1420	83.9	83.9	82.2	0.75	1.33	1.26	1.22	3.70	2.4	2.3	5.2	10
YE4-802-4	0.75	1	1430	85.7	85.7	84.0	0.75	1.77	1.68	1.62	5.01	2.3	2.3	6.6	12.9
YE4-90S-4	1.1	1.5	1445	87.2	87.2	85.5	0.76	2.52	2.40	2.31	7.27	2.3	2.3	6.8	16.8
YE4-90L-4	1.5	2	1450	88.2	88.2	86.4	0.77	3.36	3.19	3.07	9.88	2.3	2.3	7.0	19.7
YE4-100L1-4	2.2	3	1455	89.5	89.5	87.7	0.81	4.61	4.38	4.22	14.4	2.3	2.3	7.6	25.5
YE4-100L2-4	3	4	1455	90.4	90.4	88.6	0.82	6.15	5.84	5.63	19.7	2.3	2.3	7.6	31.3
YE4-112M-4	4	5.5	1460	91.1	91.1	89.3	0.82	8.14	7.73	7.45	26.2	2.2	2.3	7.8	39.2
YE4-132S-4	5.5	7.5	1470	91.9	91.9	90.1	0.83	11.0	10.4	10.0	35.7	2.0	2.3	7.9	51.2
YE4-132M-4	7.5	10	1470	92.6	92.6	90.7	0.84	14.6	13.9	13.4	48.7	2.0	2.3	7.5	65
YE4-160M-4	11	15	1475	93.3	93.3	91.4	0.85	21.1	20.0	19.3	71.2	2.2	2.3	7.7	97.3
YE4-160L-4	15	20	1475	93.9	93.9	92.0	0.86	28.2	26.8	25.8	97.1	2.2	2.3	7.8	107
YE4-180M-4	18.5	25	1480	94.2	94.2	92.3	0.86	34.7	33.0	31.8	119.4	2.0	2.3	7.8	145
YE4-180L-4	22	30	1480	94.5	94.5	92.6	0.86	41.1	39.1	37.7	142.0	2.0	2.3	7.8	161

YE4 Aluminum – Technical Data

Rated Speed: 1000 RPM | 6-Pole | 50Hz

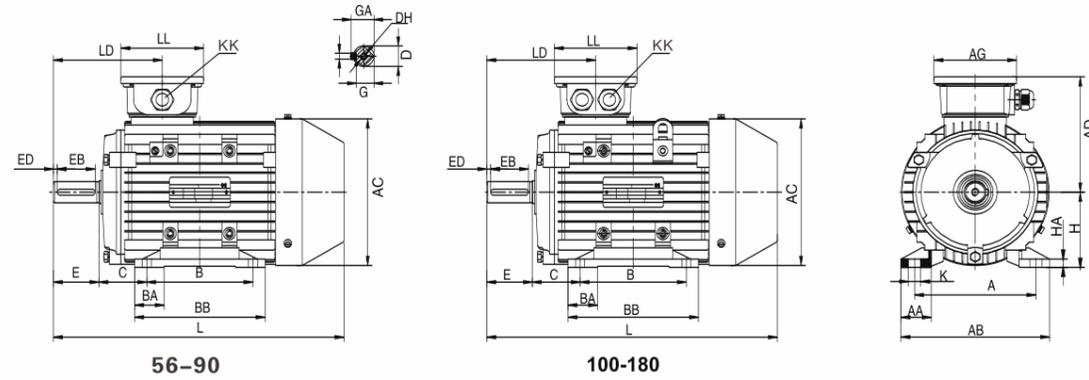
Super Premium Efficiency (IE4) • Aluminum • 6-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE4)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE4-632-6	0.12	0.18	860	64.9	64.9	63.6	0.60	0.47	0.44	0.43	1.33	1.8	1.9	3.5	6.5
YE4-711-6	0.18	0.25	860	70.1	70.1	68.7	0.66	0.59	0.56	0.54	2.00	1.9	2.0	4.0	9.8
YE4-712-6	0.25	0.37	860	74.1	74.1	72.6	0.68	0.75	0.72	0.69	2.78	1.9	2.0	4.0	10.3
YE4-801-6	0.37	0.5	895	78.0	78.0	76.4	0.70	1.03	0.98	0.94	3.95	1.9	2.0	4.7	12.5
YE4-802-6	0.55	0.75	895	80.9	80.9	79.3	0.72	1.43	1.36	1.31	5.87	1.9	2.1	4.7	13.6
YE4-90S-6	0.75	1	950	82.7	82.7	81.0	0.71	1.94	1.84	1.78	7.54	2.0	2.1	6.0	17.2
YE4-90L-6	1.1	1.5	955	84.5	84.5	82.8	0.73	2.71	2.57	2.48	11.0	2.0	2.1	6.0	22.4
YE4-100L-6	1.5	2	960	85.9	85.9	84.2	0.73	3.63	3.45	3.33	14.9	2.0	2.1	6.5	33.5
YE4-112M-6	2.2	3	965	87.4	87.4	85.7	0.74	5.17	4.91	4.73	21.8	2.0	2.1	6.6	38.6
YE4-132S-6	3	4	970	88.6	88.6	86.8	0.74	6.95	6.60	6.37	29.5	2.0	2.1	6.8	46
YE4-132M1-6	4	5.5	975	89.5	89.5	87.7	0.74	9.18	8.72	8.40	39.2	2.0	2.1	6.8	54
YE4-132M2-6	5.5	7.5	975	90.5	90.5	88.7	0.75	12.3	11.7	11.3	53.9	2.0	2.1	7.0	61.8
YE4-160M-6	7.5	10	980	91.3	91.3	89.5	0.79	15.8	15.0	14.5	73.1	2.0	2.1	7.0	88.3
YE4-160L-6	11	15	980	92.3	92.3	90.5	0.80	22.6	21.5	20.7	107.2	2.0	2.1	7.2	125
YE4-180L-6	15	20	985	92.9	92.9	91.0	0.81	30.3	28.8	27.7	145.4	2.0	2.1	7.3	146

Rated Speed: 750 RPM | 8-Pole | 50Hz

Super Premium Efficiency (IE4) • Aluminum • 8-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE4)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE4-712-8	0.12	0.18	610	62.3	62.3	61.1	0.57	0.51	0.49	0.47	1.88	1.8	1.9	2.8	11
YE4-801-8	0.18	0.25	655	67.2	67.2	65.9	0.61	0.67	0.63	0.61	2.62	1.8	1.9	3.3	12.2
YE4-802-8	0.25	0.37	655	70.8	70.8	69.4	0.61	0.88	0.84	0.81	3.65	1.8	1.9	3.3	12.9
YE4-90S-8	0.37	0.5	680	74.3	74.3	72.8	0.61	1.24	1.18	1.14	5.20	1.8	1.9	4.0	17.8
YE4-90L-8	0.55	0.75	680	77.0	77.0	75.5	0.61	1.78	1.69	1.63	7.72	1.8	2.0	4.0	22.1
YE4-100L1-8	0.75	1	700	78.4	78.4	76.8	0.67	2.17	2.06	1.99	10.2	1.8	2.0	4.0	31
YE4-100L2-8	1.1	1.5	700	80.8	80.8	79.2	0.69	3.00	2.85	2.74	15.0	1.8	2.0	5.0	33.5
YE4-112M-8	1.5	2	710	82.6	82.6	80.9	0.70	3.94	3.74	3.61	20.2	1.8	2.0	5.0	39.8
YE4-132S-8	2.2	3	720	84.5	84.5	82.8	0.71	5.57	5.29	5.10	29.2	1.8	2.0	6.0	53
YE4-132M-8	3	4	720	85.9	85.9	84.2	0.73	7.27	6.91	6.66	39.8	1.8	2.0	6.0	61
YE4-160M1-8	4	5.5	730	87.1	87.1	85.4	0.73	9.56	9.08	8.75	52.3	1.9	2.0	6.0	105
YE4-160M2-8	5.5	7.5	730	88.3	88.3	86.5	0.74	12.8	12.1	11.7	72.0	1.9	2.0	6.0	110
YE4-160L-8	7.5	10	730	89.3	89.3	87.5	0.75	17.0	16.2	15.6	98.1	1.9	2.0	6.0	125
YE4-180L-8	11	15	735	90.4	90.4	88.6	0.75	24.7	23.4	22.6	142.9	2.0	2.0	6.5	133

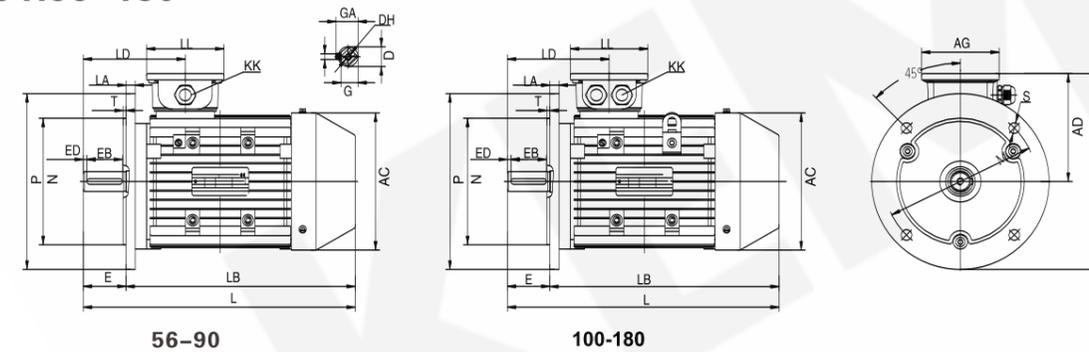
YE4 · YE5 Aluminum – Mounting and Overall Dimensions

IM B3 H56-180



Model	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LD	LL
56	90	23	111	113	96	86	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	1-M20X1.5	199	83	86
63	100	24	123	120	102	101	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	1-M20X1.5	217	95.5	101
71	112	26	138	136	109	101	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	1-M20X1.5	245	110.5	101
80	125	35	157	158	129	101	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	1-M25X1.5	290	115	101
90S	140	37	173	175	140	109	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	325	145	109
90L	140	37	173	175	140	109	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	350	145	109
100L	160	40	196	198	156	109	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	1-M32X1.5	398	148.5	109
112M	190	40	227	225	176	117.5	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	2-M32X1.5	427	162	117.5
132S	216	51	262	258	188	117.5	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	445	180	117.5
132M	216	51	262	258	188	117.5	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	483	180	117.5
132M-4	216	51	262	258	188	117.5	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	539	180	117.5
160M	254	55	304	315	242	167	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	589	268.5	167
160L	254	55	304	315	242	167	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	633	268.5	167
180M	279	75	350	355	272	167	241	61	311	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	15X18	2-M40X1.5	727	386	157
180L	279	75	350	355	272	167	279	61	350	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	15X18	2-M40X1.5	765	386	157

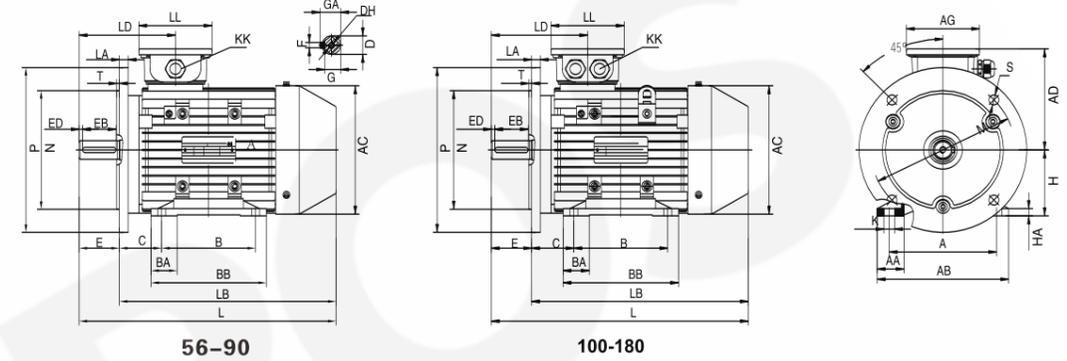
IM B5 H56-180



Model	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	METRIC	L	LA	LB	LD	LL	M	N	P	S	T
56	113	96	86	9	M4X12	20	16	2	3	7.2	10.2	156	1-M20X1.5	199	8	179	83	86	100	80	120	7	3
63	120	102	101	11	M4X12	23	16	3.5	4	8.5	12.5	172	1-M20X1.5	217	10	194	95.5	101	115	95	140	10	3
71	136	109	101	14	M5X12	30	25	2.5	5	11	16	189	1-M20X1.5	245	10	215	110.5	101	130	110	160	10	3.5
80	158	129	101	19	M6X16	40	30	5	6	15.5	21.5	229	1-M25X1.5	290	12	250	115	101	165	130	200	12	3.5
90S	175	140	109	24	M8X19	50	40	5	8	20	27	240	1-M25X1.5	325	12	275	145	109	165	130	200	12	3.5
90L	175	140	109	24	M8X19	50	40	5	8	20	27	240	1-M25X1.5	350	12	300	145	109	165	130	200	12	3.5
100L	198	156	109	28	M10X22	60	50	5	8	24	31	281	1-M32X1.5	398	13	338	148.5	109	215	180	250	14.5	4
112M	225	176	117.5	28	M10X22	60	50	5	8	24	31	301	2-M32X1.5	427	14	334	162	117.5	215	180	250	14.5	4
132S	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	338	2-M32X1.5	445	14	365	180	117.5	265	230	300	14.5	4
132M	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	338	2-M32X1.5	483	14	403	180	117.5	265	230	300	14.5	4
132M-4	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	338	2-M32X1.5	539	14	459	180	117.5	265	230	300	14.5	4
160M	315	242	167	42	M16X36	110	90	10	12	37	45	417	2-M40X1.5	589	15	479	268.5	167	300	250	350	18.5	5
160L	315	242	167	42	M16X36	110	90	10	12	37	45	417	2-M40X1.5	633	15	523	268.5	167	300	250	350	18.5	5
180M	355	272	167	48	M16X36	110	90	10	14	42.5	51.5	447	2-M40X1.5	727	15	617	386	157	300	250	350	18.5	5
180L	355	272	167	48	M16X36	110	90	10	14	42.5	51.5	447	2-M40X1.5	765	15	655	386	157	300	250	350	18.5	5

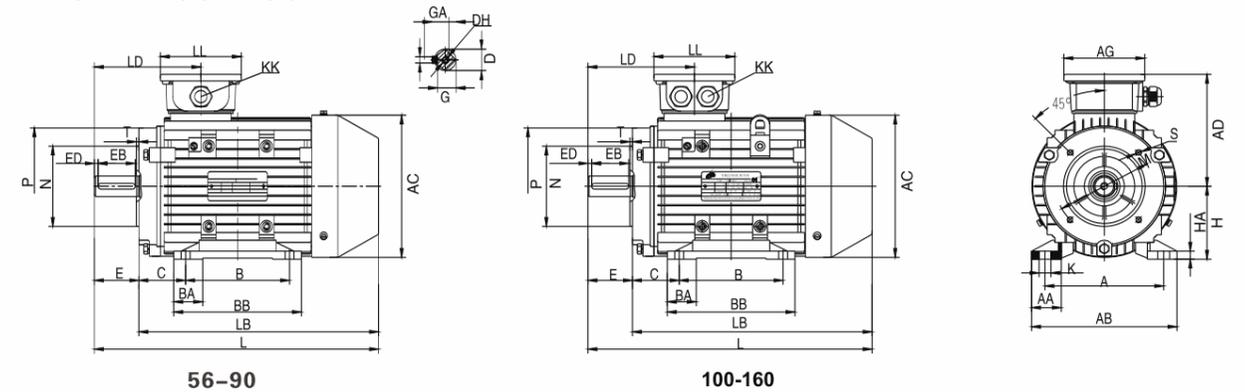
YE4 · YE5 Aluminum – Mounting and Overall Dimensions

IM B35 H56-180



Model	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	METRIC	L	LA	LB	LD	LL	M	N	P	S	T
56	90	23	111	113	96	86	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	1-M20X1.5	199	8	179	83	86	100	80	120	7	3
63	100	24	123	120	102	101	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	1-M20X1.5	217	10	194	95.5	101	115	95	140	10	3
71	112	26	138	136	109	101	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	1-M20X1.5	245	10	215	110.5	101	130	110	160	10	3.5
80	125	35	157	158	129	101	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	1-M25X1.5	290	12	250	115	101	165	130	200	12	3.5
90S	140	37	173	175	140	109	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	325	12	275	145	109	165	130	200	12	3.5
90L	140	37	173	175	140	109	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	350	12	300	145	109	165	130	200	12	3.5
100L	160	40	196	198	156	109	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	1-M32X1.5	398	13	338	148.5	109	215	180	250	14.5	4
112M	190	40	227	225	176	117.5	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	2-M32X1.5	427	14	334	162	117.5	215	180	250	14.5	4
132S	216	51	262	258	188	117.5	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	445	14	365	180	117.5	265	230	300	14.5	4
132M	216	51	262	258	188	117.5	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	483	14	403	180	117.5	265	230	300	14.5	4
132M-4	216	51	262	258	188	117.5	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	539	14	459	180	117.5	265	230	300	14.5	4
160M	254	55	304	315	242	167	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	589	15	479	268.5	167	300	250	350	18.5	5
160L	254	55	304	315	242	167	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	633	15	523	268.5	167	300	250	350	18.5	5
180M	279	75	350	355	272	167	241	61	311	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	15X18	2-M40X1.5	727	15	617	386	157	300	250	350	18.5	5
180L	279	75	350	355	272	167	279	61	350	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	15X18	2-M40X1.5	765	15	655	386	157	300	250	350	18.5	5

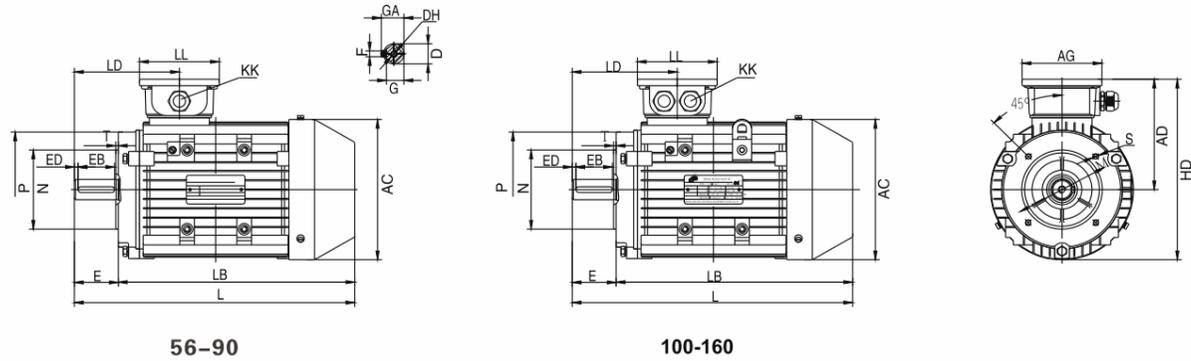
IM B34A H56-180



Model	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	METRIC	L	LB	LD	LL	M	N	P	S	T
56	90	23	111	113	96	86	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	1-M20X1.5	199	179	83	86	65	50	80	M5	2.5
63	100	24	123	120	102	101	80	25.5	100	40	11	M4X12	23</																		

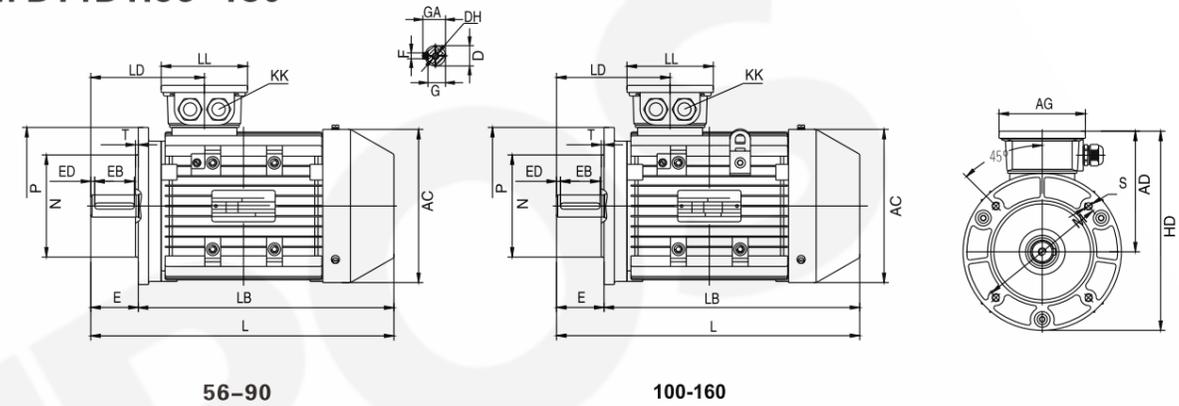
YE4 · YE5 Aluminum – Mounting and Overall Dimensions

IM B14A H56–180



YE4 · YE5 Aluminum – Mounting and Overall Dimensions

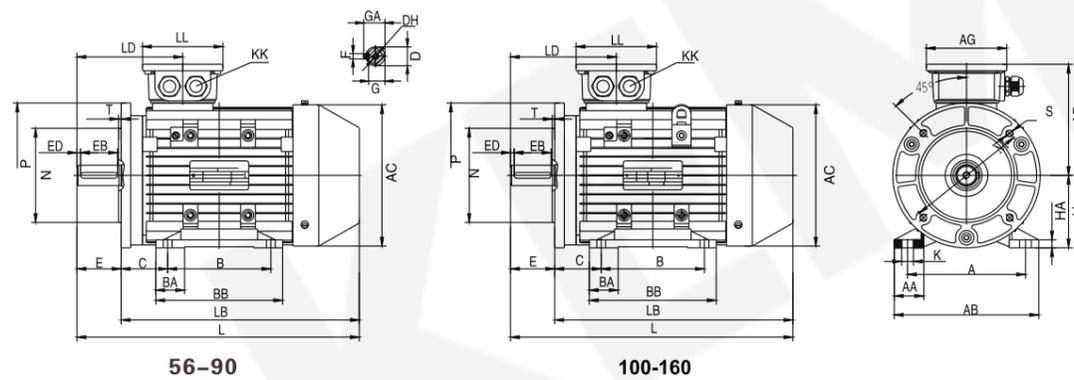
IM B14B H56–180



Model	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	METRIC	L	LB	LD	LL	M	N	P	S	T
56	113	96	86	9	M4X12	20	16	2	3	7.2	10.2	152.5	1-M20X1.5	199	179	83	86	65	50	80	M5	2.5
63	120	102	101	11	M4X12	23	16	3.5	4	8.5	12.5	162	1-M20X1.5	217	194	95.5	101	75	60	90	M5	2.5
71	136	109	101	14	M5X12	30	25	2.5	5	11	16	177	1-M20X1.5	245	215	110.5	101	85	70	105	M6	2.5
80	158	129	101	19	M6X16	40	30	5	6	15.5	21.5	208	1-M25X1.5	290	250	115	101	100	80	120	M6	3
90S	175	140	109	24	M8X19	50	40	5	8	20	27	227.5	1-M25X1.5	325	275	145	109	115	95	140	M8	3
90L	175	140	109	24	M8X19	50	40	5	8	20	27	227.5	1-M25X1.5	350	300	145	109	115	95	140	M8	3
100L	198	156	109	28	M10X22	60	50	5	8	24	31	255	1-M32X1.5	398	338	148.5	109	130	110	160	M8	3.5
112M	225	176	117.5	28	M10X22	60	50	5	8	24	31	291	2-M32X1.5	427	334	162	117.5	130	110	160	M8	3.5
132S	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	445	365	180	117.5	165	130	200	M10	3.5
132M	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	483	403	180	117.5	165	130	200	M10	3.5
132M-4	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	539	459	180	117.5	165	130	200	M10	3.5
160M	315	242	167	42	M16X36	110	90	10	12	37	45	399.5	2-M40X1.5	589	479	268.5	167	215	180	250	M12	4
160L	315	242	167	42	M16X36	110	90	10	12	37	45	399.5	2-M40X1.5	633	523	268.5	167	215	180	250	M12	4

Model	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	METRIC	L	LB	LD	LL	M	N	P	S	T
56	113	96	86	9	M4X12	20	16	2	3	7.2	10.2	152.5	1-M20X1.5	199	179	83	86	65	50	80	M5	2.5
63	120	102	101	11	M4X12	23	16	3.5	4	8.5	12.5	162	1-M20X1.5	217	194	95.5	101	75	60	90	M5	2.5
71	136	109	101	14	M5X12	30	25	2.5	5	11	16	179	1-M20X1.5	245	215	110.5	101	85	70	105	M6	2.5
80	158	129	101	19	M6X16	40	30	5	6	15.5	21.5	209	1-M25X1.5	290	250	115	101	100	80	120	M6	3
90S	175	140	109	24	M8X19	50	40	5	8	20	27	227.5	1-M25X1.5	325	275	145	109	110	110	160	M8	3.5
90L	175	140	109	24	M8X19	50	40	5	8	20	27	227.5	1-M25X1.5	350	300	145	109	110	160	M8	3.5	
100L	198	156	109	28	M10X22	60	50	5	8	24	31	256	1-M32X1.5	398	338	148.5	109	130	110	160	M8	3.5
112M	230	176	117.5	28	M10X22	60	50	5	8	24	31	291	2-M32X1.5	427	334	154	117.5	130	110	160	M8	3.5
132S	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	445	365	180	117.5	165	130	200	M10	3.5
132M	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	483	403	180	117.5	165	130	200	M10	3.5
132M-4	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	539	459	180	117.5	165	130	200	M10	3.5
160M	315	242	167	42	M16X36	110	90	10	12	37	45	399.5	2-M40X1.5	589	479	268.5	167	215	180	250	M12	4
160L	315	242	167	42	M16X36	110	90	10	12	37	45	399.5	2-M40X1.5	633	523	268.5	167	215	180	250	M12	4

IM B34B H56–180



Model	A	AA	AB	AC	AD	AG	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	METRIC	L	LB	LD	LL	M	N	P	S	T
56	90	23	111	113	96	86	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	1-M20X1.5	199	179	83	86	65	50	80	M6	2.5
63	100	24	123	120	102	101	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	1-M20X1.5	217	194	95.5	101	75	60	90	M6	3
71	112	26	138	136	109	101	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	1-M20X1.5	245	215	110.5	101	85	70	105	M6	2.5
80	125	35	157	158	129	101	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	1-M25X1.5	290	250	115	101	100	80	120	M6	3
90S	140	37	173	175	140	109	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	325	275	145	109	130	110	160	M8	3.5
90L	140	37	173	175	140	109	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	350	300	145	109	130	110	160	M8	3.5
100L	160	40	196	198	156	109	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	1-M32X1.5	398	338	148.5	109	165	130	200	M10	3.5
112M	190	40	227	225	176	117.5	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	2-M32X1.5	427	334	162	117.5	165	130	200	M10	3.5
132S	216	51	262	258	188	117.5	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	445	365	180	117.5	165	130	200	M12	4
132M	216	51	262	258	188	117.5	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	483	403	180	117.5	165	130	200	M12	4
132M-4	216	51	262	258	188	117.5	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	539	459	180	117.5	165	130	200	M12	4
160M	254	55	304	315	242	167	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	589	479	268.5	167	265	230	300	M12	4
160L	254	55	304	315	242	167	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	633	523	268.5	167	265	230	300	M12	4



YE5 Cast Iron – Technical Data

Rated Speed: 3000 RPM | 2-Pole | 50Hz

Ultra Premium Efficiency (IE5) • Cast Iron • 2-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE5)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE5-631-2	0.18	0.25	2745	75.2	75.2	73.7	0.80	0.45	0.43	0.42	0.63	2.2	2.2	5.5	12
YE5-632-2	0.25	0.37	2745	78.3	78.3	76.7	0.81	0.60	0.57	0.55	0.87	2.2	2.2	5.5	12.5
YE5-711-2	0.37	0.5	2765	81.7	81.7	80.1	0.81	0.85	0.81	0.78	1.28	2.2	2.2	6.1	14
YE5-712-2	0.55	0.75	2765	84.6	84.6	82.9	0.82	1.20	1.14	1.10	1.90	2.3	2.3	6.1	15.3
YE5-801-2	0.75	1	2910	86.3	86.3	84.6	0.82	1.61	1.53	1.47	2.46	2.3	2.3	8.5	20.8
YE5-802-2	1.1	1.5	2920	87.8	87.8	86.0	0.83	2.29	2.18	2.10	3.60	2.2	2.3	8.5	22
YE5-90S-2	1.5	2	2930	88.9	88.9	87.1	0.84	3.05	2.90	2.79	4.89	2.2	2.3	9.0	25.3
YE5-90L-2	2.2	3	2930	90.2	90.2	88.4	0.85	4.36	4.14	3.99	7.17	2.2	2.3	9.0	30.5
YE5-100L-2	3	4	2935	91.1	91.1	89.3	0.87	5.75	5.46	5.27	9.76	2.2	2.3	9.5	38.5
YE5-112M-2	4	5.5	2940	91.8	91.8	90.0	0.88	7.52	7.15	6.89	13.0	2.2	2.3	9.5	51
YE5-132S1-2	5.5	7.5	2945	92.6	92.6	90.7	0.88	10.3	9.7	9.39	17.8	2.0	2.3	9.5	80
YE5-132S2-2	7.5	10	2950	93.3	93.3	91.4	0.88	13.9	13.2	12.7	24.3	2.0	2.3	9.5	89
YE5-160M1-2	11	15	2960	94.0	94.0	92.1	0.89	20.0	19.0	18.3	35.5	2.0	2.3	9.5	139
YE5-160M2-2	15	20	2960	94.5	94.5	92.6	0.89	27.1	25.7	24.8	48.4	2.0	2.3	9.5	154
YE5-160L-2	18.5	25	2960	94.9	94.9	93.0	0.89	33.3	31.6	30.5	59.7	2.0	2.3	9.5	169
YE5-180M-2	22	30	2965	95.1	95.1	93.2	0.89	39.5	37.5	36.2	70.9	2.0	2.3	9.5	232
YE5-200L1-2	30	40	2970	95.5	95.5	93.6	0.89	53.6	50.9	49.1	96.5	2.0	2.3	9.0	273
YE5-200L2-2	37	50	2970	95.8	95.8	93.9	0.89	65.9	62.6	60.4	119.0	2.0	2.3	9.0	315
YE5-225M-2	45	60	2975	96.0	96.0	94.1	0.90	79.1	75.2	72.5	144.5	2.0	2.3	9.0	390
YE5-250M-2	55	75	2975	96.2	96.2	94.3	0.90	96.5	91.7	88.4	176.6	2.0	2.3	9.0	545
YE5-280S-2	75	100	2980	96.5	96.5	94.6	0.90	131	125	120	240.4	1.8	2.3	8.5	600
YE5-280M-2	90	125	2982	96.6	96.6	94.7	0.90	157	149	144	288.2	1.8	2.3	8.5	660
YE5-315S-2	110	150	2980	96.8	96.8	94.9	0.90	192	182	176	352.5	1.8	2.3	8.5	1030
YE5-315M-2	132	180	2980	96.9	96.9	95.0	0.90	230	218	211	423.0	1.8	2.3	8.5	1100
YE5-315L1-2	160	220	2980	97.0	97.0	95.1	0.91	275	262	252	512.8	1.8	2.3	8.5	1200
YE5-315L2-2	200	270	2980	97.2	97.2	95.3	0.91	344	326	315	640.9	1.8	2.2	8.5	1250
YE5-355M-2	250	340	2985	97.2	97.2	95.3	0.91	429	408	393	799.8	1.6	2.2	8.5	2070
YE5-355L-2	315	430	2982	97.2	97.2	95.3	0.91	541	514	495	1009	1.6	2.2	8.5	2400

YE5 Cast Iron – Technical Data

Rated Speed: 1500 RPM | 4-Pole | 50Hz

Ultra Premium Efficiency (IE5) • Cast Iron • 4-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE5)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE5-631-4	0.12	0.18	1340	74.3	74.3	72.8	0.72	0.34	0.32	0.31	0.86	2.1	2.2	4.4	12.5
YE5-632-4	0.18	0.25	1340	78.7	78.7	77.1	0.73	0.48	0.45	0.44	1.28	2.1	2.2	4.4	13.6
YE5-711-4	0.25	0.37	1355	81.5	81.5	79.9	0.74	0.63	0.60	0.58	1.76	2.1	2.2	5.2	19
YE5-712-4	0.37	0.5	1355	84.3	84.3	82.6	0.75	0.89	0.84	0.81	2.61	2.1	2.2	5.2	20.5
YE5-801-4	0.55	0.75	1420	86.7	86.7	85.0	0.75	1.29	1.22	1.18	3.70	2.4	2.3	5.2	22
YE5-802-4	0.75	1	1430	88.2	88.2	86.4	0.75	1.72	1.64	1.58	5.01	2.3	2.3	8.5	25.2
YE5-90S-4	1.1	1.5	1445	89.5	89.5	87.7	0.76	2.46	2.33	2.25	7.27	2.3	2.3	8.5	31.3
YE5-90L-4	1.5	2	1450	90.4	90.4	88.6	0.77	3.27	3.11	3.00	9.88	2.3	2.3	9.0	35.4
YE5-100L1-4	2.2	3	1455	91.4	91.4	89.6	0.81	4.51	4.29	4.13	14.4	2.3	2.3	9.0	48.5
YE5-100L2-4	3	4	1455	92.1	92.1	90.3	0.82	6.04	5.73	5.53	19.7	2.3	2.3	9.5	55
YE5-112M-4	4	5.5	1460	92.8	92.8	90.9	0.82	7.99	7.59	7.31	26.2	2.2	2.3	9.5	62
YE5-132S-4	5.5	7.5	1470	93.4	93.4	91.5	0.83	10.8	10.2	9.87	35.7	2.0	2.3	9.5	88
YE5-132M-4	7.5	10	1470	94.0	94.0	92.1	0.84	14.4	13.7	13.2	48.7	2.0	2.3	9.5	100
YE5-160M-4	11	15	1475	94.6	94.6	92.7	0.85	20.8	19.7	19.0	71.2	2.2	2.3	9.5	151
YE5-160L-4	15	20	1475	95.1	95.1	93.2	0.86	27.9	26.5	25.5	97.1	2.2	2.3	9.5	163
YE5-180M-4	18.5	25	1480	95.3	95.3	93.4	0.86	34.3	32.6	31.4	119.4	2.0	2.3	9.5	189
YE5-180L-4	22	30	1480	95.5	95.5	93.6	0.86	40.7	38.7	37.3	142.0	2.0	2.3	9.5	220
YE5-200L-4	30	40	1480	95.9	95.9	94.0	0.86	55.3	52.5	50.6	193.6	2.0	2.3	9.0	293
YE5-225S-4	37	50	1485	96.1	96.1	94.2	0.86	68.0	64.6	62.3	237.9	2.0	2.3	9.0	388
YE5-225M-4	45	60	1485	96.3	96.3	94.4	0.86	82.6	78.4	75.6	289.4	2.0	2.3	9.0	407
YE5-250M-4	55	75	1485	96.5	96.5	94.6	0.86	101	95.7	92.2	353.7	2.2	2.3	9.0	572
YE5-280S-4	75	100	1490	96.7	96.7	94.8	0.88	134	127	123	480.7	2.0	2.3	8.5	678
YE5-280M-4	90	125	1490	96.9	96.9	95.0	0.88	160	152	147	576.8	2.0	2.3	8.5	765
YE5-315S-4	110	150	1490	97.0	97.0	95.1	0.89	194	184	177	705.0	2.0	2.2	8.5	1020
YE5-315M-4	132	180	1490	97.1	97.1	95.2	0.89	232	220	212	846.0	2.0	2.2	8.5	1090
YE5-315L1-4	160	220	1490	97.2	97.2	95.3	0.89	281	267	257	1026	2.0	2.2	8.5	1150
YE5-315L2-4	200	270	1490	97.4	97.4	95.5	0.90	347	329	317	1282	2.0	2.2	8.5	1235
YE5-355M-4	250	340	1490	97.4	97.4	95.5	0.90	433	412	397	1602	2.0	2.2	8.5	1860
YE5-355L-4	315	430	1490	97.4	97.4	95.5	0.90	546	519	500	2019	2.0	2.2	8.5	2100

YE5 Cast Iron – Technical Data

Rated Speed: 1000 RPM | 6-Pole | 50Hz

Ultra Premium Efficiency (IE5) • Cast Iron • 6-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE5)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE5-632-6	0.12	0.18	860	69.8	69.8	68.4	0.60	0.44	0.41	0.40	1.33	1.8	1.9	3.5	13
YE5-711-6	0.18	0.25	860	74.6	74.6	73.1	0.66	0.56	0.53	0.51	2.00	1.9	2.0	4.0	14
YE5-712-6	0.25	0.37	860	78.1	78.1	76.5	0.68	0.72	0.68	0.65	2.78	1.9	2.0	4.0	14.6
YE5-801-6	0.37	0.5	895	81.6	81.6	80.0	0.70	0.98	0.93	0.90	3.95	1.9	2.0	4.7	19
YE5-802-6	0.55	0.75	895	84.2	84.2	82.5	0.72	1.38	1.31	1.26	5.87	1.9	2.1	4.7	21
YE5-90S-6	0.75	1	950	85.7	85.7	84.0	0.71	1.87	1.78	1.71	7.54	2.0	2.1	7.5	29.2
YE5-90L-6	1.1	1.5	955	87.2	87.2	85.5	0.73	2.63	2.49	2.40	11.0	2.0	2.1	7.5	33.3
YE5-100L-6	1.5	2	960	88.4	88.4	86.6	0.73	3.53	3.36	3.23	14.9	2.0	2.1	7.5	41.5
YE5-112M-6	2.2	3	965	89.7	89.7	87.9	0.74	5.04	4.78	4.61	21.8	2.0	2.1	7.5	57.8
YE5-132S-6	3	4	970	90.6	90.6	88.8	0.74	6.80	6.46	6.23	29.5	2.0	2.1	7.5	80
YE5-132M1-6	4	5.5	975	91.4	91.4	89.6	0.74	8.99	8.54	8.23	39.2	2.0	2.1	8.0	92
YE5-132M2-6	5.5	7.5	975	92.2	92.2	90.4	0.75	12.1	11.5	11.1	53.9	2.0	2.1	8.0	106
YE5-160M-6	7.5	10	980	92.9	92.9	91.0	0.79	15.5	14.8	14.2	73.1	2.0	2.1	8.0	146
YE5-160L-6	11	15	980	93.7	93.7	91.8	0.80	22.3	21.2	20.4	107.2	2.0	2.1	8.5	167
YE5-180L-6	15	20	985	94.3	94.3	92.4	0.81	29.8	28.3	27.3	145.4	2.0	2.1	8.5	253
YE5-200L1-6	18.5	25	985	94.6	94.6	92.7	0.81	36.7	34.8	33.6	179.4	2.0	2.1	8.5	275
YE5-200L2-6	22	30	985	94.9	94.9	93.0	0.81	43.5	41.3	39.8	213.3	2.0	2.1	8.5	296
YE5-225M-6	30	40	990	95.3	95.3	93.4	0.83	57.6	54.7	52.8	289.4	2.0	2.1	8.3	348
YE5-250M-6	37	50	990	95.6	95.6	93.7	0.84	70.0	66.5	64.1	356.9	2.0	2.1	8.3	490
YE5-280S-6	45	60	990	95.8	95.8	93.9	0.85	84.0	79.8	76.9	434.1	2.0	2.0	8.5	552
YE5-280M-6	55	75	990	96.0	96.0	94.1	0.86	101	96.2	92.7	530.6	2.0	2.0	8.5	695
YE5-315S-6	75	100	990	96.3	96.3	94.4	0.84	141	134	129	723.5	2.0	2.0	8.0	1000
YE5-315M-6	90	125	990	96.5	96.5	94.6	0.85	167	158	153	868.2	2.0	2.0	8.0	1120
YE5-315L1-6	110	150	990	96.6	96.6	94.7	0.85	204	193	186	1061	2.0	2.0	8.0	1200
YE5-315L2-6	132	180	990	96.8	96.8	94.9	0.86	241	229	221	1273	2.0	2.0	8.0	1290
YE5-355M1-6	160	220	990	96.9	96.9	95.0	0.86	292	277	267	1543	1.8	2.0	8.0	1840
YE5-355M2-6	200	270	990	97.0	97.0	95.1	0.87	360	342	330	1929	1.8	2.0	8.0	1980
YE5-355L-6	250	340	990	97.0	97.0	95.1	0.87	450	428	412	2412	1.8	2.0	8.0	2150

YE5 Cast Iron – Technical Data

Rated Speed: 750 RPM | 8-Pole | 50Hz

Ultra Premium Efficiency (IE5) • Cast Iron • 8-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE5)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE5-712-8	0.12	0.18	610	67.4	67.4	66.1	0.57	0.47	0.45	0.43	1.88	1.8	1.9	2.8	13.6
YE5-801-8	0.18	0.25	655	71.9	71.9	70.5	0.61	0.62	0.59	0.57	2.62	1.8	1.9	3.3	17.2
YE5-802-8	0.25	0.37	655	75.2	75.2	73.7	0.61	0.83	0.79	0.76	3.65	1.8	1.9	3.3	20.8
YE5-90S-8	0.37	0.5	680	78.4	78.4	76.8	0.61	1.18	1.12	1.08	5.20	1.8	1.9	4.0	35
YE5-90L-8	0.55	0.75	680	80.6	80.6	79.0	0.61	1.70	1.61	1.56	7.72	1.8	2.0	4.0	36.6
YE5-100L1-8	0.75	1	700	82.0	82.0	80.4	0.67	2.07	1.97	1.90	10.2	1.8	2.0	7.0	41.3
YE5-100L2-8	1.1	1.5	700	84.0	84.0	82.3	0.69	2.88	2.74	2.64	15.0	1.8	2.0	7.0	46.5
YE5-112M-8	1.5	2	710	85.5	85.5	83.8	0.70	3.81	3.62	3.49	20.2	1.8	2.0	7.0	51.8
YE5-132S-8	2.2	3	720	87.2	87.2	85.5	0.71	5.40	5.13	4.94	29.2	1.8	2.0	7.5	80
YE5-132M-8	3	4	720	88.4	88.4	86.6	0.73	7.06	6.71	6.47	39.8	1.8	2.0	7.8	101
YE5-160M1-8	4	5.5	730	89.4	89.4	87.6	0.73	9.31	8.85	8.53	52.3	1.9	2.0	7.9	142
YE5-160M2-8	5.5	7.5	730	90.4	90.4	88.6	0.74	12.5	11.9	11.4	72.0	1.9	2.0	8.1	155
YE5-160L-8	7.5	10	730	91.3	91.3	89.5	0.75	16.6	15.8	15.2	98.1	1.9	2.0	7.8	177
YE5-180L-8	11	15	735	92.2	92.2	90.4	0.75	24.2	23.0	22.1	142.9	2.0	2.0	7.9	239
YE5-200L-8	15	20	735	92.9	92.9	91.0	0.76	32.3	30.7	29.6	194.9	2.0	2.0	8.0	290
YE5-225S-8	18.5	25	735	93.3	93.3	91.4	0.76	39.6	37.7	36.3	240.4	1.9	2.0	8.1	314
YE5-225M-8	22	30	735	93.6	93.6	91.7	0.78	45.8	43.5	41.9	285.9	1.9	2.0	8.3	350
YE5-250M-8	30	40	735	94.1	94.1	91.7	0.79	61.3	58.2	56.1	389.8	1.9	2.0	7.9	420
YE5-280S-8	37	50	740	94.4	94.4	92.2	0.79	75.4	71.6	69.0	477.5	1.9	2.0	7.9	545
YE5-280M-8	45	60	740	94.7	94.7	92.5	0.79	91.4	86.8	83.7	580.7	1.9	2.0	7.9	630
YE5-315S-8	55	75	740	94.9	94.9	92.8	0.81	109	103	99.5	709.8	1.8	2.0	8.2	1055
YE5-315M-8	75	100	740	95.3	95.3	93.4	0.81	148	140	135	967.9	1.8	2.0	7.6	1175
YE5-315L1-8	90	125	740	95.5	95.5	93.6	0.82	175	166	160	1161	1.8	2.0	7.7	1240
YE5-315L2-8	110	150	740	95.7	95.7	93.8	0.82	213	202	195	1420	1.8	2.0	7.7	1260
YE5-355M1-8	132	180	740	95.9	95.9	94.0	0.82	255	242	234	1704	1.8	2.0	7.7	2080
YE5-355M2-8	160	220	740	96.1	96.1	94.2	0.82	308	293	282	2065	1.8	2.0	7.7	2240
YE5-355L-8	200	270	740	96.3	96.3	94.4	0.83	380	361	348	2581	1.8	2.0	7.8	2330

YE5 Aluminum – Technical Data

Rated Speed: 3000 RPM | 2-Pole | 50Hz

Ultra Premium Efficiency (IE5) • Aluminum • 2-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE5)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE5-562-2	0.12	0.18	2760	71.4	71.4	70.0	0.72	0.35	0.34	0.32	0.42	2.1	2.2	5.2	6.1
YE5-631-2	0.18	0.25	2745	75.2	75.2	73.7	0.80	0.45	0.43	0.42	0.63	2.2	2.2	5.5	7.2
YE5-632-2	0.25	0.37	2745	78.3	78.3	76.7	0.81	0.60	0.57	0.55	0.87	2.2	2.2	5.5	7.5
YE5-711-2	0.37	0.5	2765	81.7	81.7	80.1	0.81	0.85	0.81	0.78	1.28	2.2	2.2	6.1	8
YE5-712-2	0.55	0.75	2765	84.6	84.6	82.9	0.82	1.20	1.14	1.10	1.90	2.3	2.3	6.1	9.2
YE5-801-2	0.75	1	2910	86.3	86.3	84.6	0.82	1.61	1.53	1.47	2.46	2.3	2.3	8.5	11.8
YE5-802-2	1.1	1.5	2920	87.8	87.8	86.0	0.83	2.29	2.18	2.10	3.60	2.2	2.3	8.5	12.5
YE5-90S-2	1.5	2	2930	88.9	88.9	87.1	0.84	3.05	2.90	2.79	4.89	2.2	2.3	9.0	17.2
YE5-90L-2	2.2	3	2930	90.2	90.2	88.4	0.85	4.36	4.14	3.99	7.17	2.2	2.3	9.0	22
YE5-100L-2	3	4	2935	91.1	91.1	89.3	0.87	5.75	5.46	5.27	9.76	2.2	2.3	9.5	25.2
YE5-112M-2	4	5.5	2940	91.8	91.8	90.0	0.88	7.52	7.15	6.89	13.0	2.2	2.3	9.5	45
YE5-132S1-2	5.5	7.5	2945	92.6	92.6	90.7	0.88	10.3	9.7	9.39	17.8	2.0	2.3	9.5	50
YE5-132S2-2	7.5	10	2950	93.3	93.3	91.4	0.88	13.9	13.2	12.7	24.3	2.0	2.3	9.5	56
YE5-160M1-2	11	15	2960	94.0	94.0	92.1	0.89	20.0	19.0	18.3	35.5	2.0	2.3	9.5	100
YE5-160M2-2	15	20	2960	94.5	94.5	92.6	0.89	27.1	25.7	24.8	48.4	2.0	2.3	9.5	110
YE5-160L-2	18.5	25	2960	94.9	94.9	93.0	0.89	33.3	31.6	30.5	59.7	2.0	2.3	9.5	122
YE5-180M-2	22	30	2965	95.1	95.1	93.2	0.89	39.5	37.5	36.2	70.9	2.0	2.3	9.5	159

Rated Speed: 1500 RPM | 4-Pole | 50Hz

Ultra Premium Efficiency (IE5) • Aluminum • 4-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE5)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE5-631-4	0.12	0.18	1340	74.3	74.3	72.8	0.72	0.34	0.32	0.31	0.86	2.1	2.2	4.4	5.9
YE5-632-4	0.18	0.25	1340	78.7	78.7	77.1	0.73	0.48	0.45	0.44	1.28	2.1	2.2	4.4	6.6
YE5-711-4	0.25	0.37	1355	81.5	81.5	79.9	0.74	0.63	0.60	0.58	1.76	2.1	2.2	5.2	8
YE5-712-4	0.37	0.5	1355	84.3	84.3	82.6	0.75	0.89	0.84	0.81	2.61	2.1	2.2	5.2	9
YE5-801-4	0.55	0.75	1420	86.7	86.7	85.0	0.75	1.29	1.22	1.18	3.70	2.4	2.3	5.2	11
YE5-802-4	0.75	1	1430	88.2	88.2	86.4	0.75	1.72	1.64	1.58	5.01	2.3	2.3	8.5	14
YE5-90S-4	1.1	1.5	1445	89.5	89.5	87.7	0.76	2.46	2.33	2.25	7.27	2.3	2.3	8.5	18
YE5-90L-4	1.5	2	1450	90.4	90.4	88.6	0.77	3.27	3.11	3.00	9.88	2.3	2.3	9.0	21
YE5-100L1-4	2.2	3	1455	91.4	91.4	89.6	0.81	4.51	4.29	4.13	14.4	2.3	2.3	9.0	27
YE5-100L2-4	3	4	1455	92.1	92.1	90.3	0.82	6.04	5.73	5.53	19.7	2.3	2.3	9.5	33
YE5-112M-4	4	5.5	1460	92.8	92.8	90.9	0.82	7.99	7.59	7.31	26.2	2.2	2.3	9.5	41
YE5-132S-4	5.5	7.5	1470	93.4	93.4	91.5	0.83	10.8	10.2	9.87	35.7	2.0	2.3	9.5	53.5
YE5-132M-4	7.5	10	1470	94.0	94.0	92.1	0.84	14.4	13.7	13.2	48.7	2.0	2.3	9.5	69
YE5-160M-4	11	15	1475	94.6	94.6	92.7	0.85	20.8	19.7	19.0	71.2	2.2	2.3	9.5	102
YE5-160L-4	15	20	1475	95.1	95.1	93.2	0.86	27.9	26.5	25.5	97.1	2.2	2.3	9.5	113
YE5-180M-4	18.5	25	1480	95.3	95.3	93.4	0.86	34.3	32.6	31.4	119.4	2.0	2.3	9.5	152
YE5-180L-4	22	30	1480	95.5	95.5	93.6	0.86	40.7	38.7	37.3	142.0	2.0	2.3	9.5	170

YE5 Aluminum – Technical Data

Rated Speed: 1000 RPM | 6-Pole | 50Hz

Ultra Premium Efficiency (IE5) • Aluminum • 6-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE5)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE5-632-6	0.12	0.18	860	69.8	69.8	68.4	0.60	0.44	0.41	0.40	1.33	1.8	1.9	3.5	7.2
YE5-711-6	0.18	0.25	860	74.6	74.6	73.1	0.66	0.56	0.53	0.51	2.00	1.9	2.0	4.0	10.5
YE5-712-6	0.25	0.37	860	78.1	78.1	76.5	0.68	0.72	0.68	0.65	2.78	1.9	2.0	4.0	11.1
YE5-801-6	0.37	0.5	895	81.6	81.6	80.0	0.70	0.98	0.93	0.90	3.95	1.9	2.0	4.7	13.3
YE5-802-6	0.55	0.75	895	84.2	84.2	82.5	0.72	1.38	1.31	1.26	5.87	1.9	2.1	4.7	14.5
YE5-90S-6	0.75	1	950	85.7	85.7	84.0	0.71	1.87	1.78	1.71	7.54	2.0	2.1	7.5	18.4
YE5-90L-6	1.1	1.5	955	87.2	87.2	85.5	0.73	2.63	2.49	2.40	11.0	2.0	2.1	7.5	23.7
YE5-100L-6	1.5	2	960	88.4	88.4	86.6	0.73	3.53	3.36	3.23	14.9	2.0	2.1	7.5	35
YE5-112M-6	2.2	3	965	89.7	89.7	87.9	0.74	5.04	4.78	4.61	21.8	2.0	2.1	7.5	40.4
YE5-132S-6	3	4	970	90.6	90.6	88.8	0.74	6.80	6.46	6.23	29.5	2.0	2.1	7.5	48
YE5-132M1-6	4	5.5	975	91.4	91.4	89.6	0.74	8.99	8.54	8.23	39.2	2.0	2.1	8.0	57
YE5-132M2-6	5.5	7.5	975	92.2	92.2	90.4	0.75	12.1	11.5	11.1	53.9	2.0	2.1	8.0	65
YE5-160M-6	7.5	10	980	92.9	92.9	91.0	0.79	15.5	14.8	14.2	73.1	2.0	2.1	8.0	94
YE5-160L-6	11	15	980	93.7	93.7	91.8	0.80	22.3	21.2	20.4	107.2	2.0	2.1	8.5	132
YE5-180L-6	15	20	985	94.3	94.3	92.4	0.81	29.8	28.3	27.3	145.4	2.0	2.1	8.5	154

Rated Speed: 750 RPM | 8-Pole | 50Hz

Ultra Premium Efficiency (IE5) • Aluminum • 8-Pole • 50Hz															
Model	Rated Output		Rated Speed rpm	Efficiency η % (IE5)	Efficiency at 75% load	Efficiency at 50% load	Power factor $\cos\Phi$	Rated current A			Rated Torque Nm	Ts/Tn	Tmax/Tn	Is/In	Weight kg
	kW	HP						380	400	415					
YE5-712-8	0.12	0.18	610	67.4	67.4	66.1	0.57	0.47	0.45	0.43	1.88	1.8	1.9	2.8	11.6
YE5-801-8	0.18	0.25	655	71.9	71.9	70.5	0.61	0.62	0.59	0.57	2.62	1.8	1.9	3.3	13
YE5-802-8	0.25	0.37	655	75.2	75.2	73.7	0.61	0.83	0.79	0.76	3.65	1.8	1.9	3.3	13.7
YE5-90S-8	0.37	0.5	680	78.4	78.4	76.8	0.61	1.18	1.12	1.08	5.20	1.8	1.9	4.0	18.8
YE5-90L-8	0.55	0.75	680	80.6	80.6	79.0	0.61	1.70	1.61	1.56	7.72	1.8	2.0	4.0	23.2
YE5-100L1-8	0.75	1	700	82.0	82.0	80.4	0.67	2.07	1.97	1.90	10.2	1.8	2.0	7.0	32.3
YE5-100L2-8	1.1	1.5	700	84.0	84.0	82.3	0.69	2.88	2.74	2.64	15.0	1.8	2.0	7.0	35
YE5-112M-8	1.5	2	710	85.5	85.5	83.8	0.70	3.81	3.62	3.49	20.2	1.8	2.0	7.0	41.6
YE5-132S-8	2.2	3	720	87.2	87.2	85.5	0.71	5.40	5.13	4.94	29.2	1.8	2.0	7.5	55
YE5-132M-8	3	4	720	88.4	88.4	86.6	0.73	7.06	6.71	6.47	39.8	1.8	2.0	7.8	64
YE5-160M1-8	4	5.5	730	89.4	89.4	87.6	0.73	9.31	8.85	8.53	52.3	1.9	2.0	7.9	109
YE5-160M2-8	5.5	7.5	730	90.4	90.4	88.6	0.74	12.5	11.9	11.4	72.0	1.9	2.0	8.1	115
YE5-160L-8	7.5	10	730	91.3	91.3	89.5	0.75	16.6	15.8	15.2	98.1	1.9	2.0	7.8	132
YE5-180L-8	11	15	735	92.2	92.2	90.4	0.75	24.2	23.0	22.1	142.9	2.0	2.0	7.9	142

Certifications & Compliance



Ordering Guide

Please complete the form below to the best of your knowledge. You don't need to fill out every item — our team will follow up if anything is unclear. You may print and fill in the form, or simply email us the details to expedite your inquiry.

No.	Item	Example / Description	To Be Filled In
1	Product Model	YE3 / YE4 / YE5	
2	Efficiency Class	IE2 / IE3 / IE4 / IE5	
3	Motor Frame Size	71 / 100L / 132M / 160M / 225M / 280S	
4	Number of Poles (Speed)	2-pole (3000rpm), 4-pole (1500rpm), etc.	
5	Rated Voltage	220V / 380V / 400V	
6	Rated Frequency	50Hz / 60Hz	
7	Rated Power	0.75kW / 5.5kW / 15kW	
8	Rated Current (Optional)	Provide if available	
9	Mounting Type (IM Code)	B3, B5, B35, V1	
10	Protection Rating	IP55 / IP65	
11	Cooling Method	IC411 / IC416	
12	Insulation Class	Class F / H	
13	Shaft Specifications	Diameter, length, keyway	
14	Bearing Requirements	SKF / NSK / High-temp environment	
15	VFD / Inverter Use	If yes, specify frequency range / control type	
16	Mating Equipment (Optional)	Helps evaluate compatibility	
17	Other Requirements (Optional)	e.g. terminal box, coating, etc.	
18	Quantity	Number of units	

Thank you for your time.
 If anything is unclear, our technical team will be happy to assist.

Contact Information

Mobile: +86-18806579315

WeChat: 18806579315

Tel: +86-576-86380815

Email: info@fangtai-importexport.com

Address: 365 Hangwen Road, Daxi Town, Wenling, Taizhou, Zhejiang, China