MARINE ELECTRIC MOTOR

YE2 Series Three-Phase Asynchronous Motor

Introduction Frame number: Frame 80 ~ 355 Output： 0.75 ~ 375kW Duty： S1 Cooling： IC411 Synchronous speed: 3000, 1500, 1000r/min Rated voltage and frequency: 380v, 50Hz Effici...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Electric Motor
Standard	DIN
Weight / Size	% P.F Tst Tn Tst In Tax Tn dB (A) Synchronous speed 1000r/min YE2-90S-6 ...
Certificate	CCS/LR/DNV/KR

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Marine Electric Motor	**Model / SKU**	YE2-Series-Three-Phase-Asynchronous-Motor

Standard	DIN
Weight / Size	% P.F Tst Tn Tst In Tax Tn dB (A) Synchronous speed 1000r/min YE2-90S-6 0.75 910 75.9 0.71 2.0 5.8 2.1 57 YE2-90L-6 1.1 910 78.1 0.72 2.0 5.9 2.1 57 YE2-100L-6 1.5 950 79.8 0.72 2.0 5.9 2.1 61 YE2-112M-6 2.2 940 81.8 0.72 2.0 6.2 2.1 65 YE2-132S-6 3 960 83.3 0.72 2.0 6.4 2.1 69 YE2-132M1-6 4 960 84.6 0.74 2.0 6.6 2.1 69 YE2-132M2-6 5.5 960 86.0 0.75 2.0 6.8 2.1 69 YE2-160M-6 7.5 970 87.2 0.78 2.0 6.8 2.1 73 YE2-160L-6 11 970 88.7 0.79 2.0 6.9 2.1 73 YE2-180L-6 15 970 89.7 0.82 2.0 7.3 2.1 73 YE2-200L1-6 18.5 980 90.4 0.80 2.0 7.2 2.1 73 YE2-200L2-6 22 980 90.9 0.81 2.0 7.3 2.1 73 YE2-225M-6 30 985 91.7 0.82 2.0 6.8 2.1 74 YE2-250M-6 37 980 92.2 0.83 2.0 7.0 2.1 76 YE2-280S-6 45 980 92.7 0.85 2.0 7.2 2.0 78 YE2-280M-6 55 980 93.1 0.86 2.0 7.2 2.0 78 YE2-315S-6 75 970 93.7 0.84 2.0 6.5 2.0 83 YE2-315M-6 90 970 94.0 0.85 2.0 6.6 2.0 83 YE2-315L1-6 110 970 94.3 0.85 2.0 6.6 2.0 83 YE2-315L2-6 132 970 94.6 0.86 2.0 6.6 2.0 83 YE2-355M1-6 160 990 94.8 0.86 2.0 6.7 2.0 85 YE2-355M2-6 200 990 95.0 0.86 2.0 6.8 2.0 85 YE2-355L-6 250 990 95.0 0.86 2.0 6.8 — 85 YE2-355-6 315 990 95.0 0.86 Conventional mounting type and suitable frame size are given in following table（with"√") Frame size Basic type Derived type B3 B5 B35 VI V3 V5 V6 B6 B7 B8 V15 V36 B14 B34 V18 80 〜112 V V V V V V V V V V V V V V 132 〜160 V V V V V V V V V V V V V — — — 180 〜280 V V V V — — — — — — — — — — — 315 〜355 V — V V — — — — — — — — — — B3 The motor of frame with feet,end-shield without flange Frame Poles Mounting Dimension Over Dimension A B C D E F G H K AA BB HA AB AC AD HD L 80M 2,4,6 125 100 50 19 40 6 15.5 80 10 34 130 10 165 165 140 220 295 90S 140 100 56 24 50 8 20 90 36 140 12 180 185 165 260 360 90L 125 165 390 100L 160 140 63 28 60 24 100 12 40 176 14 200 196 180 270 385 112M 190 70 112 45 180 15 230 240 190 300 420 132S 216 89 38 80 10 33 132 55 186 18 262 270 210 345 490 132M 178 224 540 160M 254 210 108 42 110 12 37 160 14.5 65 260 20 320 330 255 420 670 160L 254 304 700 180M 279 241 121 48 14 42.5 180 70 311 22 355 380 280 455 740 180L 279 349 790 200L 318 305 133 55 16 49 200 18.5 70 369 25 395 420 305 505 790 225S 4 356 286 149 60 140 18 53 225 75 375 28 435 470 335 560 830 225M 2 311 55 110 16 49 400 28 825 4,6 60 140 18 53 855 250M 2 406 349 168 60 140 18 53 250 24 80 445 30 490 510 370 615 915 4，6 65 58 280S 2 457 368 190 280 85 490 35 550 580 410 680 985 4，6 75 20 67.5 280M 2 419 65 18 58 540 1035 4，6 75 20 67.5 315S 2 508 406 216 65 18 58 315 28 120 570 45 635 645 530 845 1270 4，6 80 170 22 71 315M 2 457 65 140 18 58 680 1340 4，6 80 170 22 71 315L 2 508 65 140 18 58 680 4，6 80 170 22 71 355M 2 610 560 254 75 140 20 67.5 355 116 750 52 726 710 655 1010 1525 4，6 95 170 25 86 355L 2 630 75 140 20 67.5 750 1526 4，6 95 170 25 86 B5 The motor of frame without feet,end-shield with flange（with through holes） Frame Poles Mounting Dimension Over Dimension D E F G M N P R S T AC AD HF L 80M 2,4,6 19 40 6 15.5 165 130 200 0 4-Φ12 3.5 165 140 220 295 90S 24 50 8 20 185 165 360 90L 390 100L 28 60 24 215 180 250 4-Φ14.5 4 196 180 245 385 112M 240 190 265 420 132S 38 80 10 33 265 230 300 0 270 210 315 490 132M 540 160M 42 110 12 37 300 250 350 0 4-Φ18.5 5 330 255 385 670 160L 700 180M 48 14 42.5 380 280 430 740 180L 790 200L 55 16 49 350 300 400 0 420 305 480 790 225S 4 60 140 18 53 400 350 450 0 8-Φ18.5 470 335 535 830 225M 2 55 110 16 49 825 4,6 60 140 18 53 855 250M 2 500 450 550 0 510 370 595 915 4,6 65 58 580 410 650 985 280S 2 4,6 75 20 67.5 10.5 280M 2 65 18 58 4,6 75 20 67.5 B35 The motor of frame with feet,end-shield with flange（with through holes） Frame Poles Mounting Dimension Over Dimension A B C D E F G H K M N P R S T AA BB HA AB AC AD HD L 80M 2,4,6 125 100 50 19 40 6 15.5 80 10 165 130 200 0 4-Φ12 3.5 34 130 10 165 165 140 220 295 90S 140 56 24 50 8 20 90 36 140 12 180 185 165 260 360 90L 125 165 390 100L 160 140 63 28 60 24 100 12 215 180 250 0 4-Φ45 4 40 176 14 200 196 180 270 385 112M 190 70 112 45 180 15 230 240 190 300 420 132S 216 89 38 80 10 33 132 265 230 300 55 186 18 262 270 210 345 490 132M 178 224 540 160M 254 210 108 42 110 12 37 160 15 300 250 350 0 4-Φ18 5 5 65 260 20 320 330 255 420 670 160L 254 304 700 180M 279 241 121 48 14 42.5 180 70 311 22 355 380 280 455 740 180L 279 349 790 200L 318 305 133 55 16 49 200 19 350 300 400 70 379 25 395 420 305 505 790

			225S 4 356 286 149 60 140 18 53 225 400 350 450 0 8-Φ185 75 375 28 435 470 335 560 830 225M 2 311 55 110 16 49 400 825 4，6 60 140 18 53 855 250M 2 406 349 168 250 24 500 450 550 80 445 30 490 510 370 615 915 4，6 65 58 280S 2 457 368 190 280 85 485 35 550 580 410 680 985 4，6 75 20 67.5 280M 2 419 65 18 58 536 1035 4，6 75 20 67.5 315S 2 508 406 216 65 18 58 315 28 600 550 660 8-Φ24 6 120 570 45 635 645 530 845 1270 4，6 80 170 22 71 315M 2 457 65 140 18 58 680 1340 4，6 80 170 22 71 315L 2 508 65 140 18 58 680 4，6 80 170 22 71 355M 2 610 560 254 75 140 20 67.5 355 740 680 800 116 750 52 726 710 655 1010 1525 4，6 95 170 25 86 355L 2 630 75 140 20 67.5 4，6 95 170 25 86 V1 The motor of frame without feet,end-shield with flange（with through holes） Frame Poles Mounting Dimension Over Dimension D E F G M N P R S T AC AD HF L 80M 2,4,6 19 40 6 15.5 165 130 200 0 4-Φ12 3.5 165 140 220 335 90S 24 50 8 20 185 165 365 90L 400 100L 28 60 24 215 180 250 4-Φ45 4 196 180 300 420 112M 240 190 320 460 132S 38 80 10 33 265 230 300 270 210 380 540 132M 590 160M 42 110 12 37 300 250 350 0 4-Φ18 5 5 330 255 450 700 160L 740 180M 48 14 42.5 300 250 350 0 380 280 500 760 180L 800 200L 55 16 49 350 300 400 0 420 305 550 840 225S 4 60 140 18 53 400 350 450 0 8-Φ185 470 335 610 910 225M 2 55 no 16 49 905 4，6 60 140 18 53 935 250M 2 500 450 550 0 510 370 650 1015 4，6 65 58 280S 2 580 410 720 1110 4，6 75 20 67.5 280M 2 65 18 58 1150 4，6 75 20 67.5 315S 2 65 18 58 600 550 660 8-Φ24 6 645 530 900 1390 4，6 80 170 22 71 315M 2 65 140 18 58 1490 4，6 80 170 22 71 315L 2 65 140 18 58 1490 4，6 80 170 22 71 355M 2 75 140 20 67.5 740 680 800 710 655 1035 1675 4，6 95 170 25 86 355L 2 75 140 20 67.5 1675 4，6 95 170 25 86
Certificate	CCS/LR/DNV/KR	**Warranty**	12 Months unless specified otherwise
Origin	China		

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- Type
- Application
- Technical Data 380V 50Hz Type Output kW r/min Eff. % P.F Tst Tn Tst In Tax Tn dB (A) Synchronous speed 3000r/min YE2-80M1-2 0.75 2825 77.4 0.82 2.3 6.8 2.3 62 YE2-80M2-2 1.1 2825 79.6 0.83 2.3 7.1 2.3 62 YE2-90S-2 1.5 2850 81.3 0.84 2.3 7.3 2.3 67 YE2-90L-2 2.2 2850 83.2 0.85 2.3 7.6 2.3 67 YE2-100L-2 3 2890 84.6 0.87 2.2 7.8 2.3 74 YE2-112M-2 4 2890 85.8 0.88 2.2 8.1 2.3 77 YE2-132S1-2 5.5 2900 87.0 0.88 2.2 8.2 2.3 79 YE2-132S2-2 7.5 2900 88.1 0.89 2.2 7.8 2.3 79 YE2-160M1-2 11 2930 89.4 0.89 2.2 7.9 2.3 81 YE2-160M2-2 15 2930 90.3 0.89 2.2 7.9 2.3 81 YE2-160L-2 18.5 2930 90.9 0.89 2.2 8.0 2.3 81 YE2-180M-2 22 2940 91.3 0.89 2.2 8.1 2.3 83 YE2-200L1-2 30 2955 92.0 0.89 2.0 7.5 2.3 84 YE2-200L2-2 37 2960 92.5 0.89 2.0 7.5 2.3 84 YE2-225M-2 45 2969 92.9 0.89 2.2 7.5 2.3 86 YE2-250M-2 55 2970 93.2 0.89 2.2 7.6 2.3 89 YE2-280S-2 75 2970 93.8 0.89 1.8 6.9 2.3 91 YE2-280M-2 90 2970 94.1 0.89 1.8 6.9 2.3 91 YE2-315S-2 110 2940 94.3 0.90 1.8 7.0 2.2 92 YE2-315M-2 132 2940 94.6 0.90 1.8 7.0 2.2 92 YE2-315L1-2 160 2940 94.8 0.91 1.8 7.1 2.2 92 YE2-315L2-2 200 2940 95.0 0.91 1.8 7.1 2.2 92 YE2-355M-2 250 2980 95.0 0.91 1.6 7.1 2.2 100 YE2-355L-2 315 2980 95.0 0.91 1.6 7.2 2.2 100 YE2-3551-2 355 2980 95.0 0.91 1.6 7.2 2.2 104 YE2-3552-2 375 2980 95.0 0.91 1.6 7.2 2.2 104
- Technical Data 380V 50Hz
- Output kW

Introduction

Frame number: Frame 80 ~ 355

Output： 0.75 ~ 375kW

Duty： S1

Cooling： IC411

Synchronous speed: 3000, 1500, 1000r/min

Rated voltage and frequency: 380v, 50Hz

Efficiency level 3 (China GB18613-2012), Grade 3

Application

Energy saving applications where continuous of frequent duty is required.Such as blowers,pumps,etc.

Features

These series motors have many virtues,including beautiful profile,high efficiency and energy saving ,insulation class F,the protective class is IP55,motor runs with low noise,little vibration and high reliability.

Technical Data 380V 50Hz

Type	Output kW	r/min	Eff. %	P.F	Tst Tn	Tst In	Tax Tn	dB (A)
Synchronous speed 3000r/min								
YE2-80M1-2	0.75	2825	77.4	0.82	2.3	6.8	2.3	62
YE2-80M2-2	1.1	2825	79.6	0.83	2.3	7.1	2.3	62
YE2-90S-2	1.5	2850	81.3	0.84	2.3	7.3	2.3	67
YE2-90L-2	2.2	2850	83.2	0.85	2.3	7.6	2.3	67
YE2-100L-2	3	2890	84.6	0.87	2.2	7.8	2.3	74
YE2-112M-2	4	2890	85.8	0.88	2.2	8.1	2.3	77
YE2-132S1-2	5.5	2900	87.0	0.88	2.2	8.2	2.3	79
YE2-132S2-2	7.5	2900	88.1	0.89	2.2	7.8	2.3	79
YE2-160M1-2	11	2930	89.4	0.89	2.2	7.9	2.3	81
YE2-160M2-2	15	2930	90.3	0.89	2.2	7.9	2.3	81
YE2-160L-2	18.5	2930	90.9	0.89	2.2	8.0	2.3	81
YE2-180M-2	22	2940	91.3	0.89	2.2	8.1	2.3	83
YE2-200L1-2	30	2955	92.0	0.89	2.0	7.5	2.3	84
YE2-200L2-2	37	2960	92.5	0.89	2.0	7.5	2.3	84
YE2-225M-2	45	2969	92.9	0.89	2.2	7.5	2.3	86
YE2-250M-2	55	2970	93.2	0.89	2.2	7.6	2.3	89
YE2-280S-2	75	2970	93.8	0.89	1.8	6.9	2.3	91
YE2-280M-2	90	2970	94.1	0.89	1.8	6.9	2.3	91
YE2-315S-2	110	2940	94.3	0.90	1.8	7.0	2.2	92
YE2-315M-2	132	2940	94.6	0.90	1.8	7.0	2.2	92
YE2-315L1-2	160	2940	94.8	0.91	1.8	7.1	2.2	92
YE2-315L2-2	200	2940	95.0	0.91	1.8	7.1	2.2	92
YE2-355M-2	250	2980	95.0	0.91	1.6	7.1	2.2	100
YE2-355L-2	315	2980	95.0	0.91	1.6	7.2	2.2	100
YE2-3551-2	355	2980	95.0	0.91	1.6	7.2	2.2	104
YE2-3552-2	375	2980	95.0	0.91	1.6	7.2	2.2	104

Technical Data 380V 50Hz

Type	Output kW	r/min	Eff. %	P.F	Tst Tn	Tst In	Tax Tn	dB (A)
Synchronous speed 1500r/min								
YE2-80M-4	0.75	1390	79.6	0.76	2.3	6.4	2.3	56
YE2-90S-4	1.1	1390	81.4	0.77	2.3	6.6	2.3	59
YE2-90L-4	1.5	1390	82.8	0.78	2.3	6.7	2.3	59
YE2-100L1-4	2.2	1450	84.3	0.80	2.3	7.3	2.3	64
YE2-100L2-4	3	1450	85.5	0.81	2.3	7.5	2.3	64
YE2-112M-4	4	1440	86.6	0.81	2.3	7.5	2.3	65
YE2-132S-4	5.5	1440	87.7	0.82	2.0	7.5	2.3	71
YE2-132M-4	7.5	1440	88.7	0.83	2.0	7.3	2.3	71
YE2-160M-4	11	1460	89.8	0.83	2.0	7.4	2.3	73
YE2-160L-4	15	1460	90.6	0.84	2.0	7.5	2.3	73
YE2-180M-4	18.5	1470	91.2	0.85	2.0	7.6	2.3	76
YE2-180L-4	22	1470	91.6	0.85	2.1	7.7	2.3	76
YE2-200L-4	30	1476	92.3	0.85	2.1	7.1	2.3	76

YE2-225S-4	37	1481	92.7	0.86	2.1	7.3	2.3	78
YE2-225M-4	45	1480	93.1	0.86	2.1	7.3	2.3	78
YE2-250M-4	55	1480	93.5	0.86	2.1	7.4	2.3	79
YE2-280S-4	75	1480	94.0	0.87	2.1	6.8	2.3	80
YE2-280M-4	90	1480	94.2	0.88	2.1	6.9	2.3	80
YE2-315S-4	110	1463	94.5	0.89	2.1	6.9	2.2	88
YE2-315M-4	132	1463	94.7	0.89	2.1	6.9	2.2	88
YE2-315L1-4	160	1463	94.9	0.90	2.1	6.9	2.2	88
YE2-315L2-4	200	1463	95.1	0.90	2.1	6.9	2.2	88
YE2-355M-4	250	1485	95.1	0.90	2.0	6.9	2.2	95
YE2-355L-4	315	1485	95.1	0.90	2.0	6.9	2.2	95
YE2-3551-4	355	1485	95.1	0.89	1.7	6.5	2.2	102
YE2-3552-4	375	1485	95.1	0.88	1.7	6.5	2.2	102

Technical Data 380V 50Hz

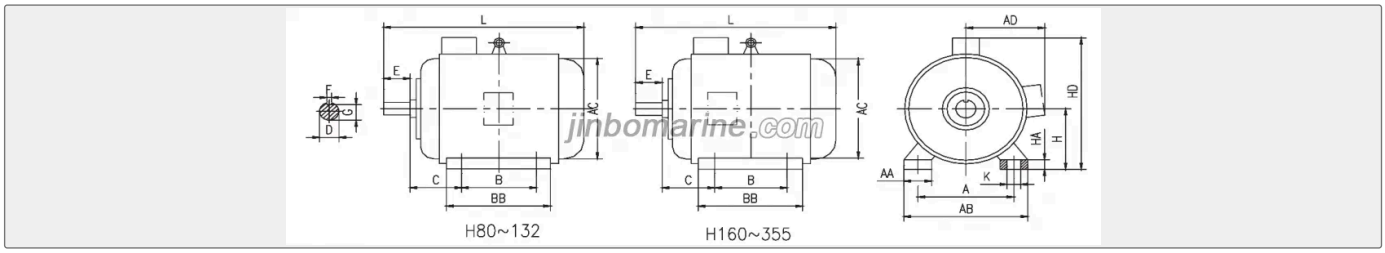
Type	Output kW	r/min	Eff. %	P.F	Tst Tn	Tst In	Tax Tn	dB (A)
Synchronous speed 1000r/min								
YE2-90S-6	0.75	910	75.9	0.71	2.0	5.8	2.1	57
YE2-90L-6	1.1	910	78.1	0.72	2.0	5.9	2.1	57
YE2-100L-6	1.5	950	79.8	0.72	2.0	5.9	2.1	61
YE2-112M-6	2.2	940	81.8	0.72	2.0	6.2	2.1	65
YE2-132S-6	3	960	83.3	0.72	2.0	6.4	2.1	69
YE2-132M1-6	4	960	84.6	0.74	2.0	6.6	2.1	69
YE2-132M2-6	5.5	960	86.0	0.75	2.0	6.8	2.1	69
YE2-160M-6	7.5	970	87.2	0.78	2.0	6.8	2.1	73
YE2-160L-6	11	970	88.7	0.79	2.0	6.9	2.1	73
YE2-180L-6	15	970	89.7	0.82	2.0	7.3	2.1	73
YE2-200L1-6	18.5	980	90.4	0.80	2.0	7.2	2.1	73
YE2-200L2-6	22	980	90.9	0.81	2.0	7.3	2.1	73
YE2-225M-6	30	985	91.7	0.82	2.0	6.8	2.1	74
YE2-250M-6	37	980	92.2	0.83	2.0	7.0	2.1	76
YE2-280S-6	45	980	92.7	0.85	2.0	7.2	2.0	78
YE2-280M-6	55	980	93.1	0.86	2.0	7.2	2.0	78
YE2-315S-6	75	970	93.7	0.84	2.0	6.5	2.0	83
YE2-315M-6	90	970	94.0	0.85	2.0	6.6	2.0	83
YE2-315L1-6	110	970	94.3	0.85	2.0	6.6	2.0	83
YE2-315L2-6	132	970	94.6	0.86	2.0	6.6	2.0	83
YE2-355M1-6	160	990	94.8	0.86	2.0	6.7	2.0	85
YE2-355M2-6	200	990	95.0	0.86	2.0	6.8	2.0	85
YE2-355L-6	250	990	95.0	0.86	2.0	6.8	—	85
YE2-355-6	315	990	95.0	0.86				

Conventional mounting type and suitable frame size are given in following table (with"√")

Frame size	Basic type			Derived type											
	B3	B5	B35	VI	V3	V5	V6	B6	B7	B8	V15	V36	B14	B34	V18
80 ～112	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
132 ～160	V	V	V	V	V	V	V	V	V	V	V	V	—	—	—
180 ～280	V	V	V	V	—	—	—	—	—	—	—	—	—	—	—

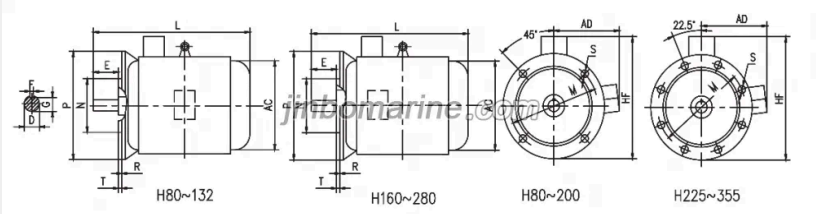
315～355	V	—	V	V	—	—	—	—	—	—	—	—	—	—	—

B3 The motor of frame with feet,end-shield without flange



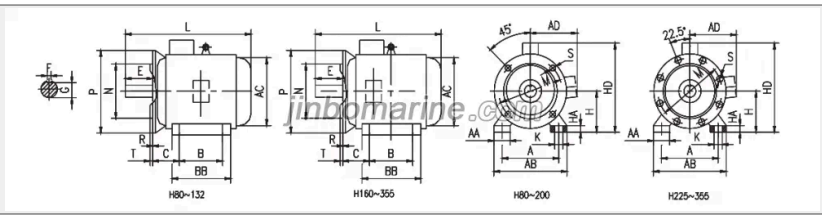
Frame	Poles	Mounting Dimension									Over Dimension							
		A	B	C	D	E	F	G	H	K	AA	BB	HA	AB	AC	AD	HD	L
80M	2,4,6	125	100	50	19	40	6	15.5	80	10	34	130	10	165	165	140	220	295
90S		140	100	56	24	50	8	20	90		36	140	12	180	185	165	260	360
90L			125									165						390
100L		160	140	63	28	60		24	100	12	40	176	14	200	196	180	270	385
112M		190		70					112		45	180	15	230	240	190	300	420
132S		216		89	38	80	10	33	132		55	186	18	262	270	210	345	490
132M			178									224						540
160M		254	210	108	42	110	12	37	160	14.5	65	260	20	320	330	255	420	670
160L			254									304						700
180M		279	241	121	48		14	42.5	180		70	311	22	355	380	280	455	740
180L			279									349						790
200L		318	305	133	55		16	49	200	18.5	70	369	25	395	420	305	505	790
225S	4	356	286	149	60	140	18	53	225		75	375	28	435	470	335	560	830
225M	2		311		55	110	16	49				400	28					825
	4,6				60	140	18	53										855
250M	2	406	349	168	60	140	18	53	250	24	80	445	30	490	510	370	615	915
	4 , 6				65			58										
280S	2	457	368	190					280		85	490	35	550	580	410	680	985
	4 , 6				75		20	67.5										
280M	2		419		65		18	58				540						1035
	4 , 6				75		20	67.5										
315S	2	508	406	216	65		18	58	315	28	120	570	45	635	645	530	845	1270
	4 , 6				80	170	22	71										
315M	2		457		65	140	18	58				680						1340
	4 , 6				80	170	22	71										
315L	2		508		65	140	18	58				680						
	4 , 6				80	170	22	71										
355M	2	610	560	254	75	140	20	67.5	355		116	750	52	726	710	655	1010	1525
	4 , 6				95	170	25	86										
355L	2		630		75	140	20	67.5				750						1526
	4 , 6				95	170	25	86										

B5 The motor of frame without feet,end-shield with flange (with through holes)



Frame	Poles	Mounting Dimension										Over Dimension			
		D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L
80M	2,4,6	19	40	6	15.5	165	130	200	0	4-Φ12	3.5	165	140	220	295
90S		24	50	8	20							185	165		360
90L															390
100L		28	60		24	215	180	250		4-Φ14.5	4	196	180	245	385
112M												240	190	265	420
132S		38	80	10	33	265	230	300	0			270	210	315	490
132M															540
160M		42	110	12	37	300	250	350	0	4-Φ18.5	5	330	255	385	670
160L															700
180M		48		14	42.5							380	280	430	740
180L															790
200L		55		16	49	350	300	400	0			420	305	480	790
225S	4	60	140	18	53	400	350	450	0	8-Φ18.5		470	335	535	830
225M	2	55	110	16	49										825
	4,6	60	140	18	53										855
250M	2					500	450	550	0			510	370	595	915
	4,6	65			58							580	410	650	985
280S	2														
	4,6	75		20	67.5										10.5
280M	2	65		18	58										
	4,6	75		20	67.5										

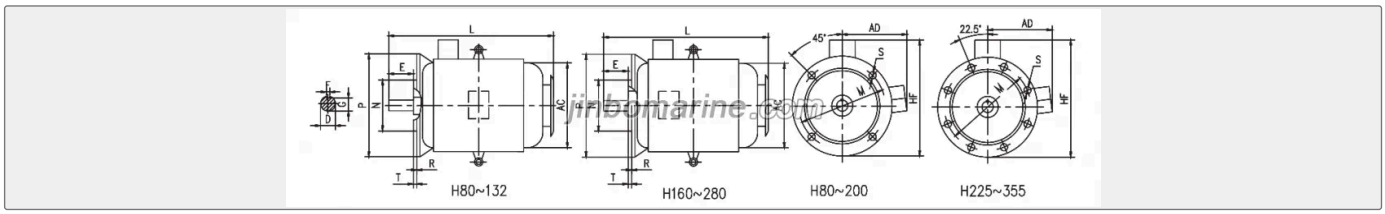
B35 The motor of frame with feet,end-shield with flange (with through holes)



Frame	Poles	Mounting Dimension															Over Dimension							
		A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AA	BB	HA	AB	AC	AD	HD	L

80M	2,4,6	125	100	50	19	40	6	15.5	80	10	165	130	200	0	4-Φ12	3.5	34	130	10	165	165	140	220	295
90S		140		56	24	50	8	20	90								36	140	12	180	185	165	260	360
90L			125															165						390
100L		160	140	63	28	60		24	100	12	215	180	250	0	4-Φ45	4	40	176	14	200	196	180	270	385
112M		190		70					112								45	180	15	230	240	190	300	420
132S		216		89	38	80	10	33	132		265	230	300				55	186	18	262	270	210	345	490
132M			178															224						540
160M		254	210	108	42	110	12	37	160	15	300	250	350	0	4-Φ185	5	65	260	20	320	330	255	420	670
160L			254															304						700
180M		279	241	121	48		14	42.5	180								70	311	22	355	380	280	455	740
180L			279															349						790
200L		318	305	133	55		16	49	200	19	350	300	400				70	379	25	395	420	305	505	790
225S	4	356	286	149	60	140	18	53	225		400	350	450	0	8-Φ185		75	375	28	435	470	335	560	830
225M	2		311		55	110	16	49										400						825
	4，6				60	140	18	53																855
250M	2	406	349	168					250	24	500	450	550				80	445	30	490	510	370	615	915
	4，6				65			58																
280S	2	457	368	190					280								85	485	35	550	580	410	680	985
	4，6				75		20	67.5																
280M	2		419		65		18	58										536						1035
	4，6				75		20	67.5																
315S	2	508	406	216	65		18	58	315	28	600	550	660		8-Φ24	6	120	570	45	635	645	530	845	1270
	4，6				80	170	22	71																
315M	2		457		65	140	18	58										680						1340
	4，6				80	170	22	71																
315L	2		508		65	140	18	58										680						
	4，6				80	170	22	71																
355M	2	610	560	254	75	140	20	67.5	355		740	680	800				116	750	52	726	710	655	1010	1525
	4，6				95	170	25	86																
355L	2		630		75	140	20	67.5																
	4，6				95	170	25	86																

V1 The motor of frame without feet,end-shield with flange（with through holes）



Frame	Poles	Mounting Dimension										Over Dimension			
		D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L

80M	2,4,6	19	40	6	15.5	165	130	200	0	4-Φ12	3.5	165	140	220	335
90S		24	50	8	20							185	165		365
90L															400
100L		28	60		24	215	180	250		4-Φ45	4	196	180	300	420
112M												240	190	320	460
132S		38	80	10	33	265	230	300				270	210	380	540
132M					590										
160M		42	110	12	37	300	250	350	0	4-Φ18 5	5	330	255	450	700
160L				740											
180M		48		14	42.5	300	250	350	0			380	280	500	760
180L															800
200L		55		16	49	350	300	400	0			420	305	550	840
225S	4	60	140	18	53	400	350	450	0	8-Φ185		470	335	610	910
225M	2	55	no	16	49										905
	4 , 6	60	140	18	53										935
250M	2					500	450	550	0			510	370	650	1015
	4 , 6	65			58										
280S	2											580	410	720	1110
	4 , 6	75		20	67.5										
280M	2	65		18	58										1150
	4 , 6	75		20	67.5										
315S	2	65		18	58	600	550	660		8-Φ24	6	645	530	900	1390
	4 , 6	80	170	22	71										
315M	2	65	140	18	58										1490
	4 , 6	80	170	22	71										
315L	2	65	140	18	58										1490
	4 , 6	80	170	22	71										
355M	2	75	140	20	67.5	740	680	800				710	655	1035	1675
	4 , 6	95	170	25	86										
355L	2	75	140	20	67.5										1675
	4 , 6	95	170	25	86										