

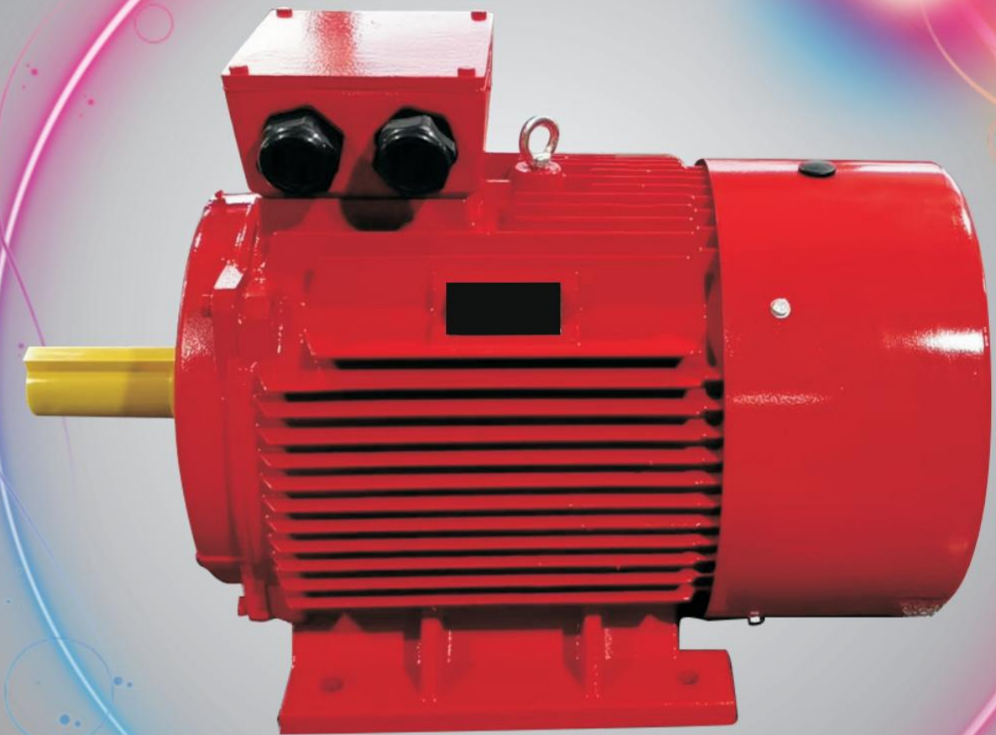


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TAIZHOU LANFANG



TAIZHOU LANFANG M & E EQUIPMENT CO.,LTD.





企业简介 | Company profile

TAIZHOU LANFANG M & E EQUIPMENT CO.,LTD. research and manufacture all types of electric motors which include

High Voltage motor: Y series (H355-1000) high voltage three phase induction electric motor, YKK series (H355-1000) high voltage three phase induction electric motor, YRKK series (H355-1000) high voltage three phase induction electric motor, Y2 series(H355-560) 6KV compact high voltage three phase induction electric motor, YR series (H355-1000) high voltage three phase induction electric motor, YKK series large high voltage three phase induction electric motor, YLKK series (H355-1000) high voltage three phase induction electric motor.

Low Voltage motor: Y series (H80-355), Y2 series (H80-355), Y3 series (H80-355), Yx3 series (H80-355), YDT/GL/YS series three phase electric motor. MS Aluminum housing three phase electric motor (H56-160). YD series multi-speed motor. YCT series electromagnetic adjustable speed motor. YVF2 series frequency adjustable-speed motor and fractional electric motor, YEJ series electromagnetic-brake motor, YC/YCL/YL series CAST IRON body single-phase electric motor and MY/ML aluminum housing single phase electric motor. The relative products like Cycloidal reducer and NMRV speed reducer are also under sale.

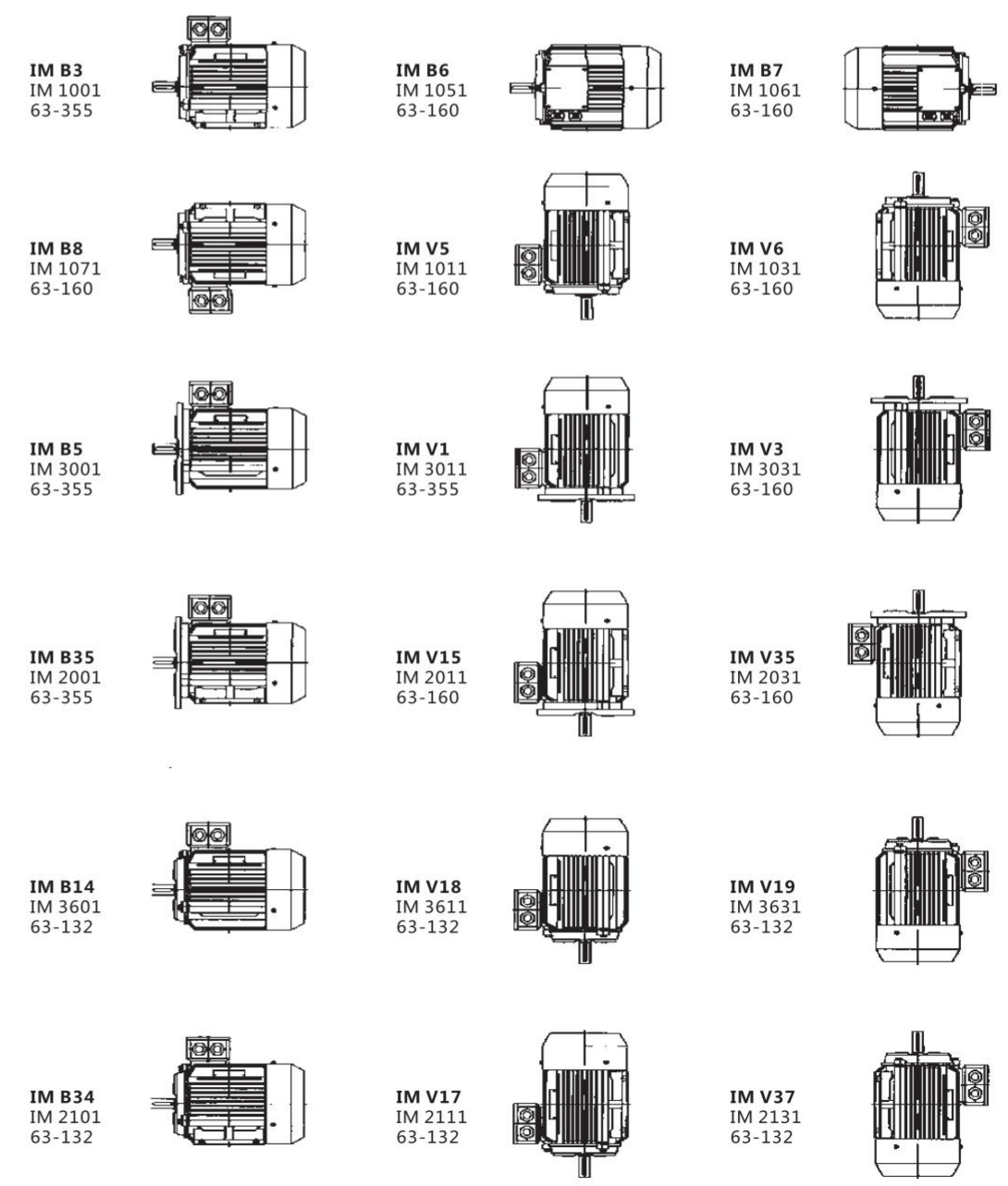
Lanfang motor imports advanced production and test equipment to improve quality and efficiency according to the SO9001 with perseverance and consistency.

Europe ,Russia, Middle east, North Africa, South America and Southeast Asian are our main export markets. With our high Quality. favorable price and excellent service . we are willing to cooperate with the friends from all over the world to create the bright future.



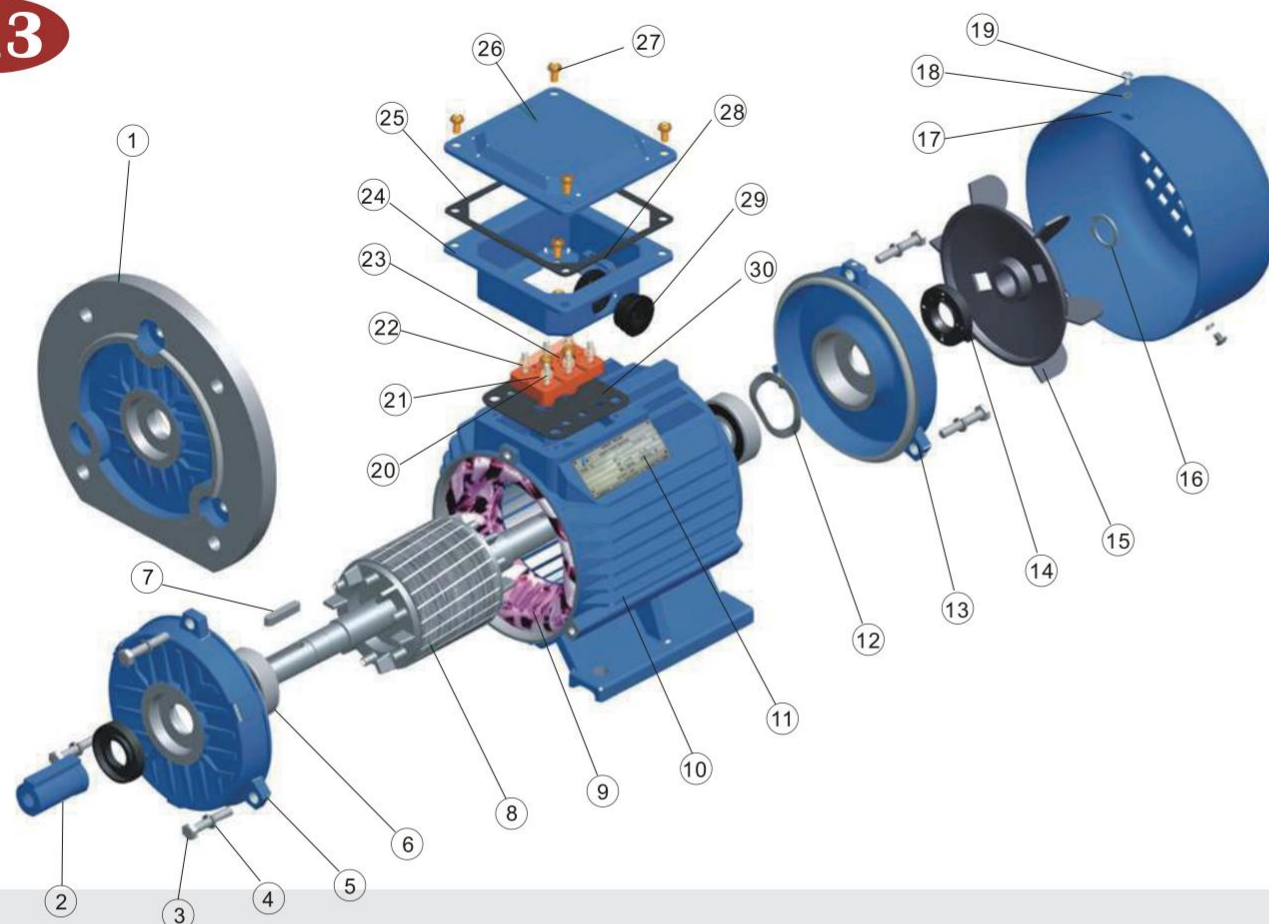
MOUNTING ARRANGMENT

示意图
Diagram
Fundamental arrangement
Mounting arrangement
Range of manufacture(frame size)





IE3



1. B5法兰(B5 Flange)
2. 轴套(Shaft cover)
3. 螺栓(Bolt)
4. 弹簧垫圈(Spring washer)
5. 前端盖(Front endshield)
6. 轴承(Bearing)
7. 键(Key)
8. 转子(Rotor)
9. 定子(Stator)
10. 机座(Frame)

11. 铭牌(Name plate)
12. 波形垫圈(Wave form)
13. 后端盖(Rear endshield)
14. 密封圈(VRing)Oil seal
15. 风叶(Fan)
16. 风叶卡簧(Fan clamp)
17. 风罩(Fan cowl)
18. 垫圈(Washer)
19. 风罩螺丝(Fan cowl Screw)
20. 铜螺帽(Brass washer)

21. 铜垫片(Brass net)
22. 铜连接片(Brass lug)
23. 接线板(Terminal board)
24. 接线盒座(Terminal box base)
25. 密封垫(Gasket)
26. 接线盒盖(Terminal box lid)
27. 螺丝(Screw)
28. 接地标志(Earth mark)
29. 护套(Jacket)
30. 皮垫(Leather washer)



YX3系列三相异步电动机由全国统一设计，产品达到90年代国际先进水平，它全面符合 GB/T22722-2008 和IEC34-1标准的有关规定，是Y系列电机的更新换代产品，具有结构新颖、造型美观、低振动、低噪声等特点。

Introduce

Adopting the national uniform design, YX3 series three-phase induction motors, are conformity with IEC34-1 and GB/T22722-2008 standards, also up to the international advanced level 90's as substitute of Y series induction motors. It possesses sophisticated features such as new structure, good appearance, slight vibration, low noise etc.

使用条件

环境温度: $-15^{\circ}\text{C} < \theta < 40^{\circ}\text{C}$
 海拔: 不超过1000m
 额定电压: 380V, 可选220-760V之间任何电压值
 额定频率: 50Hz、60Hz
 防护等级: IP55
 绝缘等级: F级、H级
 冷却方式: ICO141
 工作方式: S1
 连接方式: 3kw及以下Y接法、4kw及以上为△接法

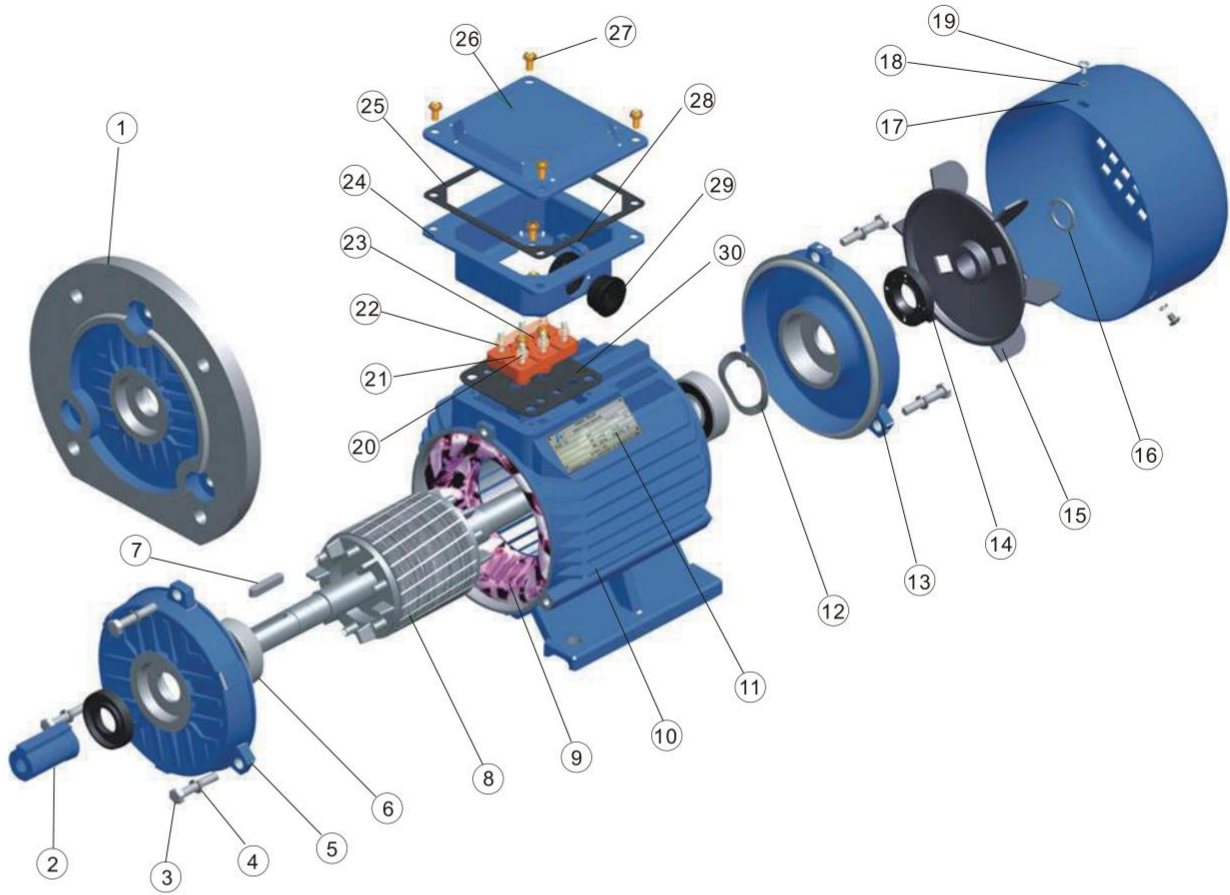
Operating Conditions

Ambient temperature: $-15^{\circ}\text{C} < \theta < 40^{\circ}\text{C}$
 Altitude: not exceeding 1000m
 Rated voltage: 380V or any voltage between 220-760v
 Rated frequency: 50Hz、60Hz
 Protection class: IP55
 Insulation class: F、H
 Cooling method: ICO141
 Duty: S1(continuous)
 Connection: Star-connection for up to 3kw, delta-connection for 4kw and above.



技术数据 Technical Data

型 号 Type	额定 功率 (Kw)	满 载 时 Full Load				额定转矩 Rated Torque Nm	堵转电流/ 额定电流 Ist/TN	堵转转矩/ 额定转矩 Tst/TN	最大转矩/ 额定转矩 Tmax/TN
		转 速 (r/min)	电 流 IN (A)	效 率 η (%)	功 率 因 素 (cos Φ)				
同步转速Synchronous Speed 3000转/分 rpm									
YX3-80M1-2	0.75	2875	1.77	77.5	0.83	2.49	6.8	2.3	2.3
YX3-80M2-2	1.1	2875	2.50	82.8	0.83	3.65	7.3	2.3	2.3
YX3-90S-2	1.5	2890	3.32	84.1	0.84	4.96	7.6	2.3	2.3
YX3-90L-2	2.2	2890	4.72	85.6	0.85	7.27	7.8	2.3	2.3
YX3-100L-2	3	2890	6.17	86.7	0.87	9.91	8.1	2.3	2.3
YX3-112M-2	4	2900	8.04	87.6	0.88	13.11	8.3	2.3	2.3
YX3-132S-2	5.5	2910	11.2	88.6	0.88	17.88	8.0	2.2	2.3
YX3-132S-2	7.5	2910	14.6	89.5	0.89	24.36	7.8	2.2	2.3
YX3-160M-2	11	2930	21.0	90.5	0.89	35.85	7.9	2.2	2.3
YX3-160M-2	15	2930	28.4	91.3	0.89	48.89	8.0	2.2	2.3
YX3-160L-2	18.5	2930	34.7	91.8	0.89	60.15	8.1	2.2	2.3
YX3-180M-2	22	2940	41.6	92.2	0.89	71.46	8.2	2.2	2.3
YX3-200L-2	30	2950	56.2	92.9	0.89	97.12	7.5	2.2	2.3
YX3-200L-2	37	2950	68.2	93.3	0.89	119.78	7.5	2.2	2.3
YX3-225M-2	45	2970	82.5	93.7	0.89	145.19	7.6	2.2	2.3
YX3-250M-2	55	2970	99.5	94.0	0.89	177.15	7.6	2.2	2.3
YX3-280S-2	75	2970	135	94.6	0.89	241.16	6.9	2.0	2.3
YX3-280M-2	90	2970	160	95.0	0.90	289.39	7.0	2.0	2.3
YX3-315S-2	110	2980	194	95.0	0.90	353.11	7.1	2.0	2.2
YX3-315M-2	132	2980	233	95.4	0.91	423.73	7.1	2.0	2.2
YX3-315L-2	160	2980	278	95.4	0.91	513.61	7.1	2.0	2.2
YX3-315L-2	200	2980	348	95.4	0.91	642.02	7.1	2.0	2.2
YX3-355M-2	250	2980	434	95.8	0.91	801.17	7.1	2.0	2.2
YX3-355L-2	315	2980	547	95.8	0.91	1009.48	7.1	2.0	2.2
同步转速Synchronous Speed 1500转/分 rpm									
YX3-80M1-4	0.55	1400	1.57	80.7	0.75	3.75	6.3	2.3	2.3
YX3-80M2-4	0.75	1400	1.88	82.3	0.75	5.12	6.5	2.3	2.3
YX3-90S-4	1.1	1410	2.66	83.8	0.75	7.3	6.6	2.3	2.3
YX3-90L-4	1.5	1410	3.57	85.0	0.75	9.91	6.9	2.3	2.3
YX3-100L-4	2.2	1440	4.88	86.4	0.81	14.6	7.5	2.3	2.3
YX3-100L-4	3	1440	6.50	87.4	0.82	19.9	7.6	2.3	2.3
YX3-112M-4	4	1445	8.55	88.3	0.82	26.4	7.7	2.3	2.3
YX3-132S-4	5.5	1455	11.5	89.2	0.82	36.1	7.5	2.0	2.3
YX3-132M-4	7.5	1455	15.3	90.1	0.83	49.2	7.4	2.0	2.3
YX3-160M-4	11	1460	22.1	91.0	0.85	71.9	7.5	2.2	2.3
YX3-160L-4	15	1460	29.6	91.8	0.86	98.1	7.5	2.2	2.3
YX3-180M-4	18.5	1470	35.8	92.2	0.86	120.2	7.7	2.2	2.3
YX3-180L-4	22	1470	42	92.6	0.86	143	7.8	2.2	2.3
YX3-200L-4	30	1470	57.3	93.2	0.86	194.9	7.2	2.2	2.3
YX3-225S-4	37	1480	69.7	93.6	0.86	238.8	7.3	2.2	2.3
YX3-225M-4	45	1480	84.3	93.9	0.86	290.4	7.4	2.2	2.3
YX3-250M-4	55	1480	103	94.2	0.86	354.9	7.4	2.2	2.3
YX3-280S-4	75	1480	139	94.7	0.88	484	6.7	2.2	2.3
YX3-280M-4	90	1480	167	95.0	0.88	580.7	6.9	2.2	2.3
YX3-315S-4	110	1490	201	95.4	0.88	707.4	6.9	2.2	2.2
YX3-315M-4	132	1490	240	95.4	0.88	848.9	6.9	2.2	2.2
YX3-315L-4	160	1490	288	95.4	0.89	1029	6.9	2.2	2.2
YX3-315L-4	200	1490	359	95.4	0.89	1286	6.9	2.2	2.2
YX3-355M-4	250	1490	443	95.8	0.90	1602	6.9	2.2	2.2
YX3-355L-4	315	1490	559	95.8	0.90	2019	6.9	2.2	2.2
同步转速Synchronous Speed 1000转/分 rpm									
YX3-90S-6	0.75	920	2.08	77.7	0.72	7.67	5.8	2.1	2.1
YX3-90L-6	1.1	920	2.97	79.9	0.73	11.1	5.9	2.1	2.1
YX3-100L-6	1.5	950	3.80	81.5	0.74	15.2	6.0	2.1	2.1
YX3-112M-6	2.2	950	5.37	83.4	0.74	21.9	6.0	2.1	2.1
YX3-132S-6	3	965	7.19	84.9	0.74	29.7	6.2	2.0	2.1
YX3-132M1-6	4	965	9.43	86.1	0.74	39.6	6.8	2.0	2.1
YX3-132M2-6	5.5	965	12.6	87.4	0.75	54.4	7.1	2.0	2.1
YX3-160M-6	7.5	975	16.7	89.0	0.78	73.8	6.7	2.1	2.1
YX3-160L-6	11	975	24.1	90.0	0.79	108.3	6.9	2.1	2.1
YX3-180L-6	15	975	31.4	91.0	0.81	146.9	7.2	2.0	2.1
YX3-200L1-6	18.5	975	38.3	91.5	0.81	180.3	7.2	2.1	2.1
YX3-200L2-6	22	975	44.3	92.0	0.82	214.4	7.3	2.1	2.1
YX3-225M-6	30	985	59.2	92.5	0.81	292.3	7.1	2.0	2.1
YX3-250M-6	37	985	70.8	93.0	0.84	360.6	7.1	2.1	2.1
YX3-280S-6	45	985	85.8	93.5	0.86	438.5	7.2	2.1	2.0
YX3-280M-6	55	985	104	93.8	0.86	536	7.2	2.1	2.0
YX3-315S-6	75	990	141	94.2	0.85	727.2	6.7	2.0	2.0
YX3-315M-6	90	990	169	94.5	0.84	872.6	6.7	2.0	2.0
YX3-315L1-6	110	990	206	95.0	0.85	1066	6.7	2.0	2.0
YX3-315L2-6	132	990	243	95.0	0.86	1280	6.7	2.0	2.0
YX3-355M1-6	160	990	291	95.0	0.87	1543	6.7	2.0	2.0
YX3-355M2-6	200	990	363	95.0	0.87	1929	6.7	2.0	2.0
YX3-355L-6	250	990	454	95.0	0.87	2412	6.7	2.0	2.0



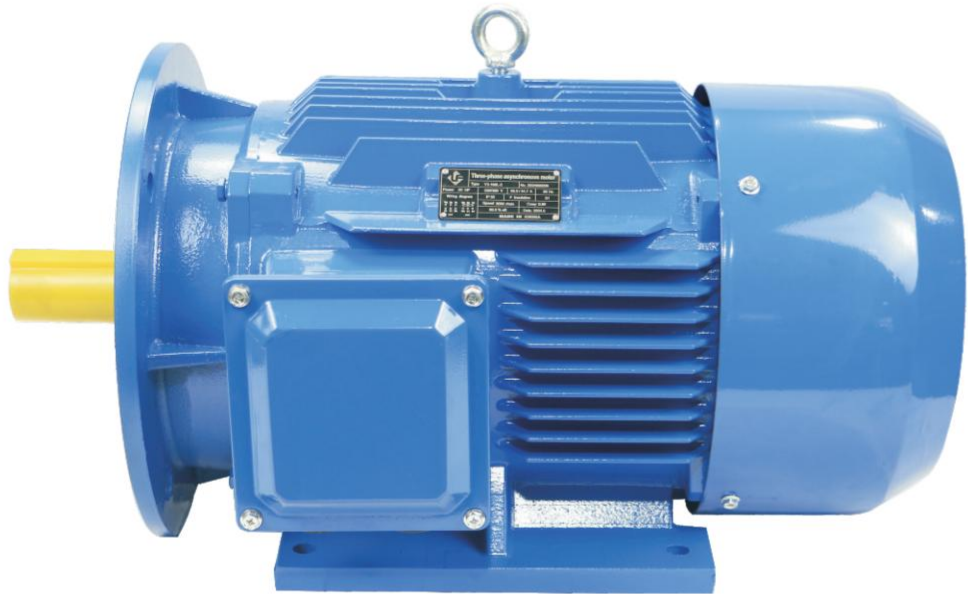
- 1.B5法兰(B5 Flange)
- 2.轴套(Shaft cover)
- 3.螺栓(Bolt)
- 4.弹簧垫圈(Spring washer)
- 5.前端盖(Front endshield)
- 6.轴承(Bearing)
- 7.键(Key)
- 8.转子(Rotor)
- 9.定子(Stator)
- 10.机座(Frame)

- 11.铭牌(Name plate)
- 12.波形垫圈(Wave form)
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- 18.垫圈(Washer)
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- 28.接地标志(Earth mark)
- 29.护套(Jacket)
- 30.皮垫(Lather washer)



Y3 series Premium efficiency three-phase asynchronous induction motor



Y3 series Premium efficiency three-phase asynchronous induction motor

技术数据 Technical Data

型 号 Type	额定 功率 (Kw)	满 载 时 Full Load				堵转电流 Is/IN	堵转转矩 Ts/TN	最大转矩 Tmax/TN	型 号 Type	额定 功率 (Kw)	满 载 时 Full Load				堵转电流 Is/IN	堵转转矩 Ts/TN	最大转矩 Tmax/TN
		转 速 (r/min)	电 流 IN (A)	效 率 η (%)	功率因素 (cos Φ)						转 速 (r/min)	电 流 IN (A)	效 率 η (%)	功率因素 (cos Φ)			
同步转速Synchronous Speed 3000转/分 rpm									同步转速Synchronous Speed 3000转/分 rpm								
Y3-63M1-2	0.18	2720	0.53	65	0.80	5.5		2.2	Y3-71M1-6	0.18	850	0.74	56	0.66	4.0	1.9	2.0
Y3-63M2-2	0.25		0.69	68	0.81				Y3-71M2-6	0.25		0.95	59	0.68			
Y3-71M1-2	0.37		0.99	70	0.81				Y3-80M1-6	0.37		1.30	62	0.70			
Y3-71M2-2	0.55	2740	1.40	73	0.82	6.1			Y3-80M2-6	0.55	895	1.79	65	0.72	4.7		
Y3-80M1-2	0.75		1.83	77.4	0.83				Y3-90S-6	0.75		2.29	75.9				
Y3-80M2-2	1.1		2.58	79.6					Y3-90L-6	1.1		3.18	78.1	0.73	5.5	2.0	
Y3-90S-2	1.5	2845	3.43	81.3		7.0		2.2	Y3-100L-6	1.5	945	3.94	79.8	0.75			
Y3-90L-2	2.2		4.85	83.2	0.85				Y3-112M-6	2.2		5.60	81.8				
Y3-100L-2	3.0		6.31	84.6	0.87				Y3-132S-6	3.0	965	7.40	83.3	0.76	6.5	2.1	
Y3-112M-2	4.0	2895	8.10	85.8					Y3-132M-6	4.0		9.80	84.6				
Y3-132S-2	5.5		11.0	87.0	0.88				Y3-132M-6	5.5		12.9	86.0	0.77		2.0	2.1
Y3-132S-2	7.5	2905	14.9	88.1				2.3	Y3-160M-6	7.5	975	17.0	87.2	0.78			
Y3-160M-2	11		21.3	89.4					Y3-160L-6	11		24.2	88.7		7.0	2.0	
Y3-160M-2	15		28.8	90.3	0.89				Y3-180L-6	15		31.6	89.7	0.81			
Y3-160L-2	18.5	2935	34.7	90.9		7.5			Y3-200L-6	18.5	985	38.6	90.4	0.83	2.1		
Y3-180M-2	22		41.0	91.3					Y3-200L-6	22		44.7	90.9	0.84			
Y3-200L-2	30		55.5	92.0					Y3-225M-6	30		59.3	91.7		2.0		
Y3-200L-2	37	2955	67.9	92.5	0.90		2.0		Y3-250M-6	37	985	71.0	92.2				
Y3-225M-2	45		82.3	92.9					Y3-280S-6	45		86.0	92.7		2.1		
Y3-250M-2	55		101	93.2					Y3-280M-6	55		105	93.1	0.86			
Y3-280S-2	75	2975	134	93.8					Y3-315S-6	75	990	141	93.7		2.0	2.0	
Y3-280M-2	90		160	94.1					Y3-315M-6	90		169	94.0				
Y3-315S-2	110		195	94.3	0.91				Y3-315L-6	110		206	94.3				
Y3-315M-2	132	2980	233	94.6		7.1	1.8	2.2	Y3-315L-6	132	990	244	94.6	0.87	6.7	1.9	
Y3-315L-2	160		279	94.8					Y3-355M-6	160		292	94.8				
Y3-355M-2	250		433	95.0	0.92				Y3-355M-6	200		365	95.0	0.88			
Y3-355L-2	315		544	95.0			1.6		Y3-355L-6	250		455	95.0				
同步转速Synchronous Speed 1500转/分 rpm									同步转速Synchronous Speed 750转/分 rpm								
Y3-63M1-4	0.12	1310	0.44	57	0.72	4.4		2.2	Y3-80M1-8	0.18	630	0.88	51		3.3		1.9
Y3-63M2-4	0.18		0.62	60	0.73				Y3-80M2-8	0.25		1.15	54	0.61			
Y3-71M1-4	0.25		0.79	65	0.75				Y3-90S-8	0.37	660	1.49	62		4.0	1.8	
Y3-71M2-4	0.37	1330	1.12	67	0.74	5.2			Y3-90L-8	0.55		2.18	63				
Y3-80M1-4	0.55		1.57	71	0.75				Y3-100L-8	0.75		2.39	71	0.67	5.0		
Y3-80M2-4	0.75		2.03	79.6	0.76				Y3-100L-8	1.1	680	3.32	73	0.69			
Y3-90S-4	1.1	1405	2.89	81.4	0.77	6.0	2.3		Y3-112M-8	1.5		4.50	75		6.0	1.9	
Y3-90L-4	1.5		3.70	82.8	0.79				Y3-132S-8	2.2	710	6.00	78	0.71			
Y3-100L-4	2.2		5.16	84.3	0.81				Y3-132M-8	3.0		7.90	79		6.6	1.9	
Y3-100L-4	3.0	1435	6.78	85.5	0.82	7.0			Y3-160M-8	4.0	720	10.3	81	0.73			
Y3-112M-4	4.0		8.80	86.6					Y3-160M-8	5.5		13.6	83	0.74	7.2		
Y3-132S-4	5.5		11.7	87.7	0.83				Y3-160L-8	7.5		17.8	85.5	0.75			
Y3-132M-4	7.5	1445	15.6	88.7					Y3-180L-8	11	730	25.1	87.5		6.6	1.9	2.0
Y3-160M-4	11		22.3	89.8	0.84				Y3-200L-8	15		34.1	88	0.76			
Y3-160L-4	15		30.1	90.6	0.85				Y3-225S-8	18.5	740	40.6	90		6.6	1.9	
Y3-180M-4	18.5	1465	36.5	91.2		7.5			Y3-225M-8	22		47.4	90.5	0.78			
Y3-180L-4	22		43.2	91.6	0.86				Y3-250M-8	30		64.0	91		6.6	1.9	
Y3-200L-4	30		57.6	92.3			2.2		Y3-280S-8	37	740	78.0	91.5	0.79			
Y3-225S-4	37	1485	69.9	92.7					Y3-280M-8	45		94.0	92		6.6	1.9	
Y3-225M-4	45		84.7	93.1					Y3-315S-8	55		111	92.8		6.6	1.9	
Y3-250M-4	55		103	93.5	0.87	7.2			Y3-315M-8	75	740	151	93	0.81			
Y3-280S-4	75	1490	140	94.0					Y3-315L-8	90		178	93.8		6.6	1.9	
Y3-280M-4	90		167	94.2					Y3-315L-8	110		217	94	0.82	6.6	1.9	
Y3-315S-4	110		201	94.5	0.88	6.9	2.1	2.2	Y3-355M-8	132	590	261	93.7				
Y3-315M-4	132	1490	240	94.7					Y3-355M-8	160		315	94.2				
Y3-315L-4	160		287	94.9	0.89				Y3-355M-8	200		388	94.5	0.83	6.0	1.3	
Y3-315L-4	200	1490	359	95.1	0.90				Y3-355L-8	250	590	475	95.0				
Y3-355M-4	250		443	95.1					Y3-355L-8	315		595	95.0				
Y3-355L-4	315		556	95.1					Y3-355L-8	315		595	95.0				

Y3系列三相异步电动机由全国统一设计，产品达到90年代国际先进水平，它全面符合GB/T 25290-2010 和IEC34-1标准的有关规定，是Y系列电机的更新换代产品，具有结构新颖、造型美观、低振动、低噪声等特点。

Introduce

Adopting the national uniform design, Y3 series three-phase induction motors, are conformity with IEC34-1 and JB/T8680.1-1998 standards, also up to the international advanced level 90's as substitute of Y series induction motors. It possesses sophisticated features such as new structure, good appearance, slight vibration, low noise etc.

使用条件

环境温度：-15℃<θ<40℃
海拔：不超过1000m
额定电压：380V，可选220-760V之间任何电压值
额定频率：50Hz、60Hz
防护等级：IP55
绝缘等级：F级、H级
冷却方式：IC0141
工作方式：S1
连接方式：3kw及以下Y接法、4kw及以上为△接法

Operating Conditions

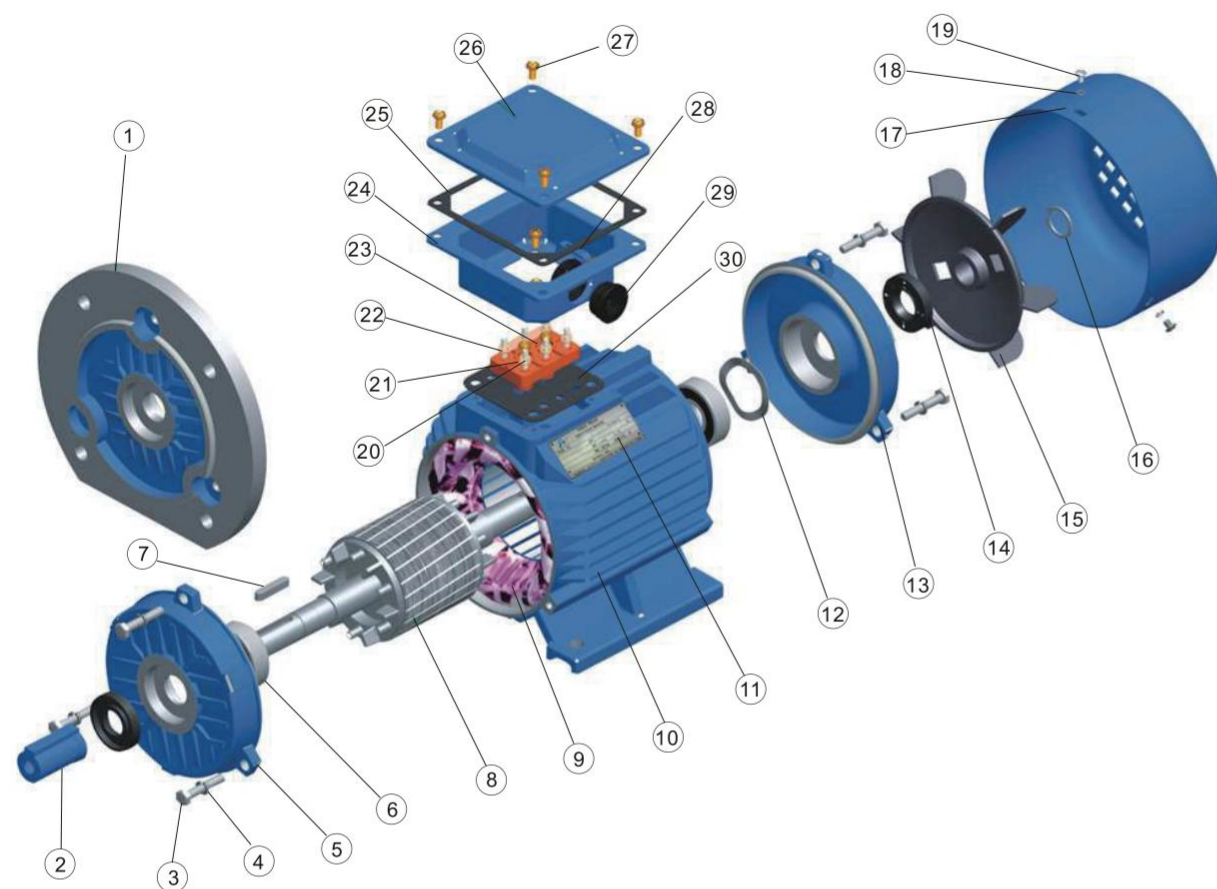
Ambient temperature:-15℃<θ<40℃
Altitude: not exceeding 1000m
Rated voltage: 380V or any voltage between 220-760v
Rated frequency: 50Hz、60Hz
Protection class: IP55
Insulation class: F、H
Cooling method: IC0141
Duty: S1 (continuous)
Connection: Star-connection for up to 3kw, delta-connection for 4kw and above.



Y2系列三相异步电动机 Y2 series three-phase asynchronous induction motor



Y2系列三相异步电动机 Y2 series three-phase asynchronous induction motor



- | | | |
|-------------------------|--------------------------|-----------------------------|
| 1. B5法兰(B5 Flange) | 11. 铭牌(Name plate) | 21. 铜垫片(Brass net) |
| 2. 轴套(Shaft cover) | 12. 波形垫圈(Wave form) | 22. 铜连接片(Brass lug) |
| 3. 螺栓(Bolt) | 13. 后端盖(Rear endshield) | 23. 接线板(Terminal board) |
| 4. 弹簧垫圈(Spring washer) | 14. 密封圈(VRing)Oil seal | 24. 接线盒座(Terminal box base) |
| 5. 前端盖(Front endshield) | 15. 风叶(Fan) | 25. 密封垫(Gasket) |
| 6. 轴承(Bearing) | 16. 风叶卡簧(Fan clamp) | 26. 接线盒盖(Terminal box lid) |
| 7. 键(Key) | 17. 风罩(Fan cowl) | 27. 螺丝(Screw) |
| 8. 转子(Rotor) | 18. 垫圈(Washer) | 28. 接地标志(Earth mark) |
| 9. 定子(Stator) | 19. 风罩螺丝(Fan cowl Screw) | 29. 护套(Jacket) |
| 10. 机座(Frame) | 20. 铜螺帽(Brass washer) | 30. 皮垫(Leather washer) |

Y2系列三相异步电动机由全国统一设计，产品达到90年代国际先进水平，它全面符合JB/T 8680-1998和IEC34-1标准的有关规定，是Y系列电机的更新换代产品，具有结构新颖、造型美观、低振动、低噪声等特点。

Introduce

Adopting the national uniform design, Y2 series three-phase induction motors, are conformity with IEC34-1 and JB/T8680.1-1998 standards, also up to the international advanced level 90's as substitute of Y series induction motors, It possesses sophisticated features such as new structure, good appearance, slight vibration, low noise etc.

使用条件

环境温度: $-15^{\circ}\text{C} < \theta < 40^{\circ}\text{C}$
 海拔: 不超过1000m
 额定电压: 380V, 可选220-760V之间任何电压值
 额定频率: 50Hz、60Hz
 防护等级: IP54、IP55
 绝缘等级: F级、H级
 冷却方式: ICO141
 工作方式: S1
 连接方式: 3kw及以下Y接法、4kw及以上为 Δ 接法

Operating Conditions

Ambient temperature: $-15^{\circ}\text{C} < \theta < 40^{\circ}\text{C}$
 Altitude: not exceeding 1000m
 Rated voltage: 380V or any voltage between 220-760v
 Rated frequency: 50Hz、60Hz
 Protection class: IP54、IP55
 Insulation class: F、H
 Cooling method: ICO141
 Duty: S1(continuous)
 Connection: Star-connection for up to 3kw, delta-connection for 4kw and above.



Y2系列三相异步电动机
Y2 series three-phase asynchronous induction motor



YX3,Y3,Y2系列超三相异步电动机
YX3,Y3,Y2 series three-phase asynchronous induction motor

技术数据 Technical Data

型号 Type	额定 功率 (Kw)	满载时 转速 (r/min)	满载时 电 流 IN (A)	满载时 效 率 η (%)	满载时 功率因素 (cos Φ)	堵转电流 Is/IN	堵转转矩 Ts/TN	最大转矩 Tmax/TN	型号 Type	额定 功率 (Kw)	满载时 转速 (r/min)	满载时 电 流 IN (A)	满载时 效 率 η (%)	满载时 功率因素 (cos Φ)	堵转电流 Is/IN	堵转转矩 Ts/TN	最大转矩 Tmax/TN
同步转速Synchronous Speed 3000转/分 rpm									同步转速Synchronous Speed 3000转/分 rpm								
Y2-63M1-2	0.18	2720	0.53	65	0.80	5.5		2.2	Y2-71M1-6	0.18	850	0.74	56	0.66	4.0		2.0
Y2-63M2-2	0.25		0.69	68	0.81				Y2-71M2-6	0.25		0.95	59	0.68			
Y2-71M1-2	0.37	2740	0.99	70	0.81	6.1			Y2-80M1-6	0.37	895	1.30	62	0.70	4.7		
Y2-71M2-2	0.55		1.40	73	0.82				Y2-80M2-6	0.55		1.79	65	0.72			
Y2-80M1-2	0.75	2835	1.83	77.4	0.83				Y2-90S-6	0.75	915	2.29	75.9		5.5	2.0	
Y2-80M2-2	1.1		2.58	79.6					Y2-90L-6	1.1		3.18	78.1	0.73			
Y2-90S-2	1.5	2845	3.43	81.3	0.84	7.0			Y2-100L-6	1.5	945	3.94	79.8	0.75			
Y2-90L-2	2.2		4.85	83.2	0.85				Y2-112M-6	2.2		5.60	81.8				
Y2-100L-2	3.0	2875	6.31	84.6	0.87				Y2-132S-6	3.0	965	7.40	83.3	0.76	6.5		2.1
Y2-112M-2	4.0		8.10	85.8					Y2-132M-6	4.0		9.80	84.6				
Y2-132S-2	5.5	2905	11.0	87.0	0.88				Y2-160M-6	5.5		12.9	86.0	0.77			
Y2-132S-2	5.5		11.0	87.0	0.88				Y2-160L-6	7.5		17.0	87.2	0.78			
Y2-160M-2	11		24.3	88.1				2.3	Y2-180L-6	11	975	24.2	88.7	0.81		2.0	
Y2-160M-2	11		24.3	88.1					Y2-200L-6	15		31.6	89.7				
Y2-160M-2	15	2935	28.8	90.3	0.89				Y2-225M-6	18.5		38.6	90.4	0.83		2.1	
Y2-160L-2	18.5		34.7	90.9					Y2-250M-6	22		44.7	90.9	0.84			
Y2-180M-2	22	2945	41.0	91.3		7.5			Y2-280M-6	30	985	59.3	91.7		7.0	2.0	
Y2-200L-2	30		55.5	92.0					Y2-315S-6	37		71.0	92.2				
Y2-200L-2	37	2955	67.9	92.5	0.90				Y2-315L-6	45		86.0	92.7			2.1	
Y2-225M-2	45		82.3	92.9					Y2-355M-6	55		105	93.1	0.86			
Y2-250M-2	55	2975	101	93.2		2.0			Y2-355L-6	75		141	93.7			2.0	
Y2-280S-2	75		134	93.8					Y2-315M-6	90		169	94.0				
Y2-280M-2	90		160	94.1					Y2-315L-6	110	990	206	94.3		6.7		
Y2-315S-2	110		195	94.3	0.91				Y2-315L-6	132		244	94.6	0.87			
Y2-315M-2	132		233	94.6					Y2-355M-6	160		292	94.8			1.9	
Y2-315L-2	160		279	94.8					Y2-355L-6	200		365	95.0	0.88			
Y2-315L-2	200	2980	348	95.0	0.92	7.1		2.2	Y2-355L-6	250		455	95.0				
Y2-355M-2	250		433	95.0					同步转速Synchronous Speed 750转/分 rpm								
Y2-355L-2	315		544	95.0		1.6			Y2-80M1-8	0.18	630	0.88	51		3.3		1.9
									Y2-80M2-8	0.25		1.15	54	0.61			
同步转速Synchronous Speed 1500转/分 rpm									Y2-90S-8	0.37	660	1.49	62		4.0		
Y2-63M1-4	0.12	1310	0.44	57	0.72	4.4		2.2	Y2-90L-8	0.55		2.18	63				
Y2-63M2-4	0.18		0.62	60	0.73				Y2-100L-8	0.75	680	2.39	71	0.67	5.0	1.8	
Y2-71M1-4	0.25	1330	0.79	65	0.75		2.1		Y2-100L-8	1.1		3.32	73				
Y2-71M2-4	0.37		1.12	67	0.74	5.2			Y2-112M-8	1.5	690	4.50	75	0.69			
Y2-80M1-4	0.55	1395	1.57	71	0.75				Y2-132S-8	2.2		6.00	78	0.71			
Y2-80M2-4	0.75		2.03	79.6	0.76	6.0			Y2-132M-8	3.0	710	7.90	79		6.0	1.9	
Y2-90S-4	1.1	1405	2.89	81.4	0.77				Y2-160M-8	4.0		10.3	81	0.73			
Y2-90L-4	1.5		3.70	82.8	0.79				Y2-160M-8	5.5	720	13.6	83	0.74		2.0	2.0
Y2-100L-4	2.2	1435	5.16	84.3	0.81				Y2-160L-8	7.5		17.8	85.5	0.75			
Y2-100L-4	3.0		6.78	85.5	0.82	2.3			Y2-180L-8	11	730	25.1	87.5				
Y2-112M-4	4.0	1445	8.80	86.6					Y2-200L-8	15		34.1	88	0.76	6.6		
Y2-132S-4	5.5		11.7	87.7	0.83	7.0			Y2-225S-8	18.5		40.6	90				
Y2-132M-4	7.5	1465	15.6	88.7					Y2-225M-8	22		47.4	90.5	0.78		1.9	
Y2-160M-4	11		22.3	89.8	0.84			2.3	Y2-250M-8	30		64.0	91				
Y2-160L-4	15		30.1	90.6	0.85				Y2-280S-8	37		78.0	91.5	0.79			
Y2-180M-4	18.5		36.5	91.2		7.5			Y2-280M-8	45		94.0	92				
Y2-180L-4	22	1475	43.2	91.6	0.86				Y2-315S-8	55		111	92.8				
Y2-200L-4	30		57.6	92.3					Y2-315M-8	75	740	151	93	0.81			
Y2-225S-4	37	1485	69.9	92.7		2.2			Y2-315L-8	90		178	93.8		1.8		
Y2-225M-4	45		84.7	93.1					Y2-315L-8	110		217	94				
Y2-250M-4	55		103	93.5	0.87	7.2			Y2-355M-8	132		261	93.7	0.82	7.2		
Y2-280S-4	75		140	94.0					Y2-355M-8	160		315	94.2				
Y2-280M-4	90	1490	167	94.2					Y2-355L-8	200		388	94.5	0.83			
Y2-315S-4	110		201	94.5					同步转速Synchronous Speed 600转/分 rpm								
Y2-315M-4	132		240	94.7	0.88				Y2-315S-10	45		100	91.5	0.75			
Y2-315L-4	160		287	94.9					Y2-315M-10	55		121	92				
Y2-315L-4	200		359	95.1	0.89	6.9	2.1	2.2	Y2-315L-10	75	590	162	92.5	0.76	6.2	1.5	
Y2-355M-4	250		443	95.1	0.90				Y2-315L-10	90		191	93	0.77			
Y2-355L-4	315	1485	556	95.1					Y2-355M-10	110		230	93.2		6.0	1.3	
									Y2-355L-10	160		334	93.5				

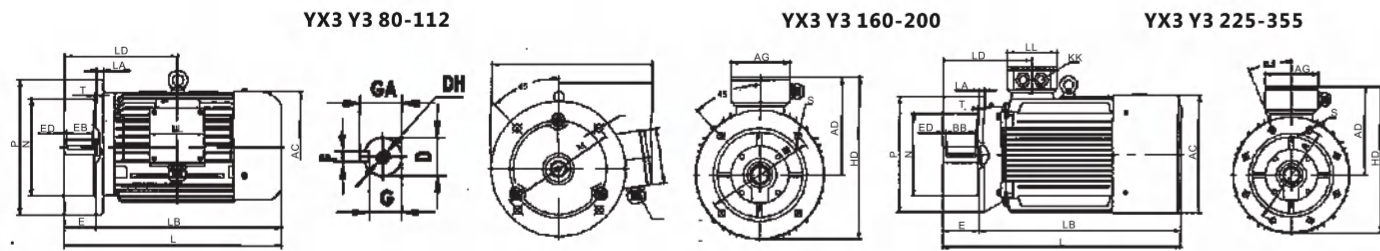


YX3,Y3,Y2系列超三相异步电动机
YX3,Y3,Y2 series three-phase asynchronous induction motor



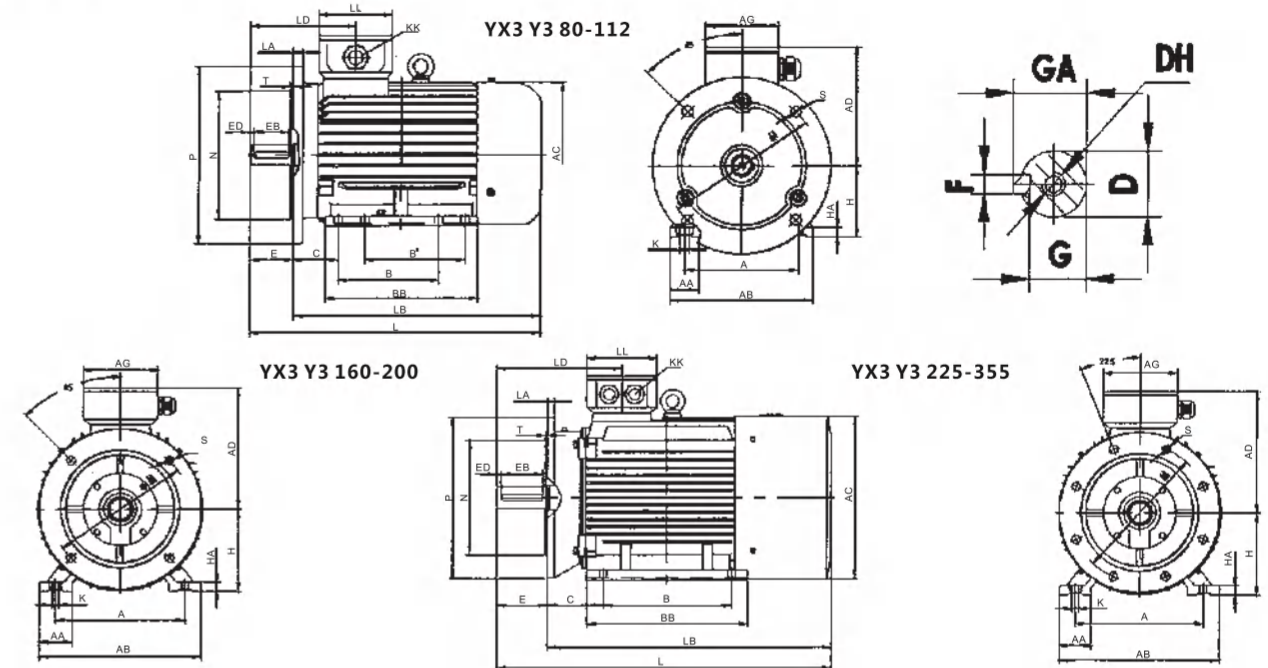
YX3,Y3,Y2系列超三相异步电动机
YX3,Y3,Y2 series three-phase asynchronous induction motor

YX3,Y3,Y2安装及外型尺寸
IM B5 H80-355



型号	极数	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	120	120	92	11	M4X12	23	13	5	4	8.5	13	190	1-M25X1.5	225	11	202	90	92	115	95	140	10	3
71	2,4,6	136	124	92	14	M5X13	30	20	5	5	11	16.5	204	1-M25X1.5	250	11	220	102	92	130	110	160	10	3
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	219.4	190	118	28	M10X22	60	50	5	8	24	31	315	2-M32X1.5	452	14	392	147	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	470	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	508	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	524	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	329	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	7700	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	18.5	5
280S	4,6,8	547	387	248	75	M20X42	140	125	7.5	20	67.5	79.5	662	2-M63X1.5	982	22	842	355.5	218	500	450	550	18.5	5
280M	2	547	387	248	65	M20X42	140	125	7.5	18	58	69	662	2-M63X1.5	1033	22	893	355.5	218	500	450	550	18.5	5
280M	4,6,8	547	387	248	75	M20X42	140	125	7.5	20	67.5	79.5	662	2-M63X1.5	1033	22	893	355.5	218	500	450	550	18.5	5
315S	2	620	527	320	65	M20X42	140	125	7.5	18	58	69	857	2-M63X1.5	1194	22	1054	397	280	600	550	660	24	6
315S	4,6,8,10	620	527	320	80	M20X42	170	160	5	22	71	85	857	2-M63X1.5	1224	22	1054	427	280	600	550	660	24	6
315M	2	620	527	320	65	M20X42	140	125	7.5	18	58	69	857	2-M63X1.5	1304	22	1164	397	280	600	550	660	24	6
315M	4,6,8,10	620	527	320	80	M20X42	170	160	5	22	71	85	857	2-M63X1.5	1334	22	1164	427	280	600	550	660	24	6
315L	2	620	527	320	65	M20X42	140	125	7.5	18	58	69	857	2-M63X1.5	1304	22	1164	397	280	600	550	660	24	6
315L	4,6,8,10	620	527	320	80	M20X42	170	160	5	22	71	85	857	2-M63X1.5	1334	22	1164	427	280	600	550	660	24	6
355M	2	698	642	380	75	M20X50	140	130	5	20	67.5	79.5	1042	2-M63X1.5	1486	25	1346	414	330	740	680	800	24	6
355M	4,6,8,10	698	642	380	95	M24X50	170	160	5	25	86	100	1042	2-M63X1.5	1516	25	1346	444	330	740	680	800	24	6
355L	2	698	642	380	75	M20X50	140	130	5	20	67.5	79.5	1042	2-M63X1.5	1486	25	1346	414	330	740	680	800	24	6
355L	4,6,8,10	698	642	380	95	M24X50	170	160	5	25	86	100	1042	2-M63X1.5	1516	25	1346	444	330	740	680	800	24	6

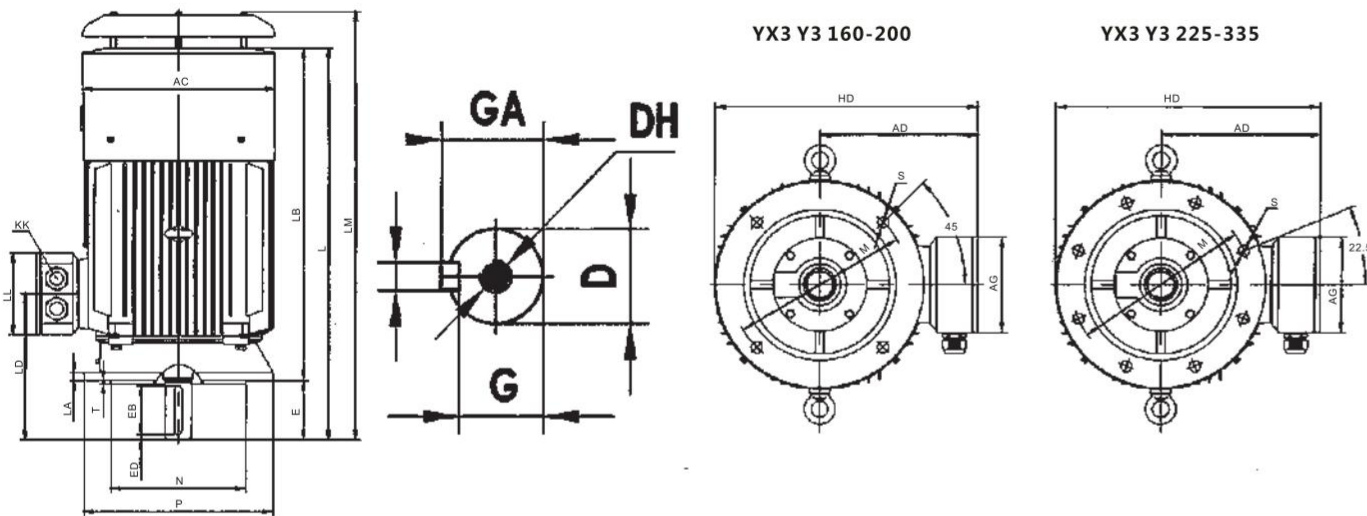
YX3,Y3,Y2安装及外型尺寸
IM B35 H80-355



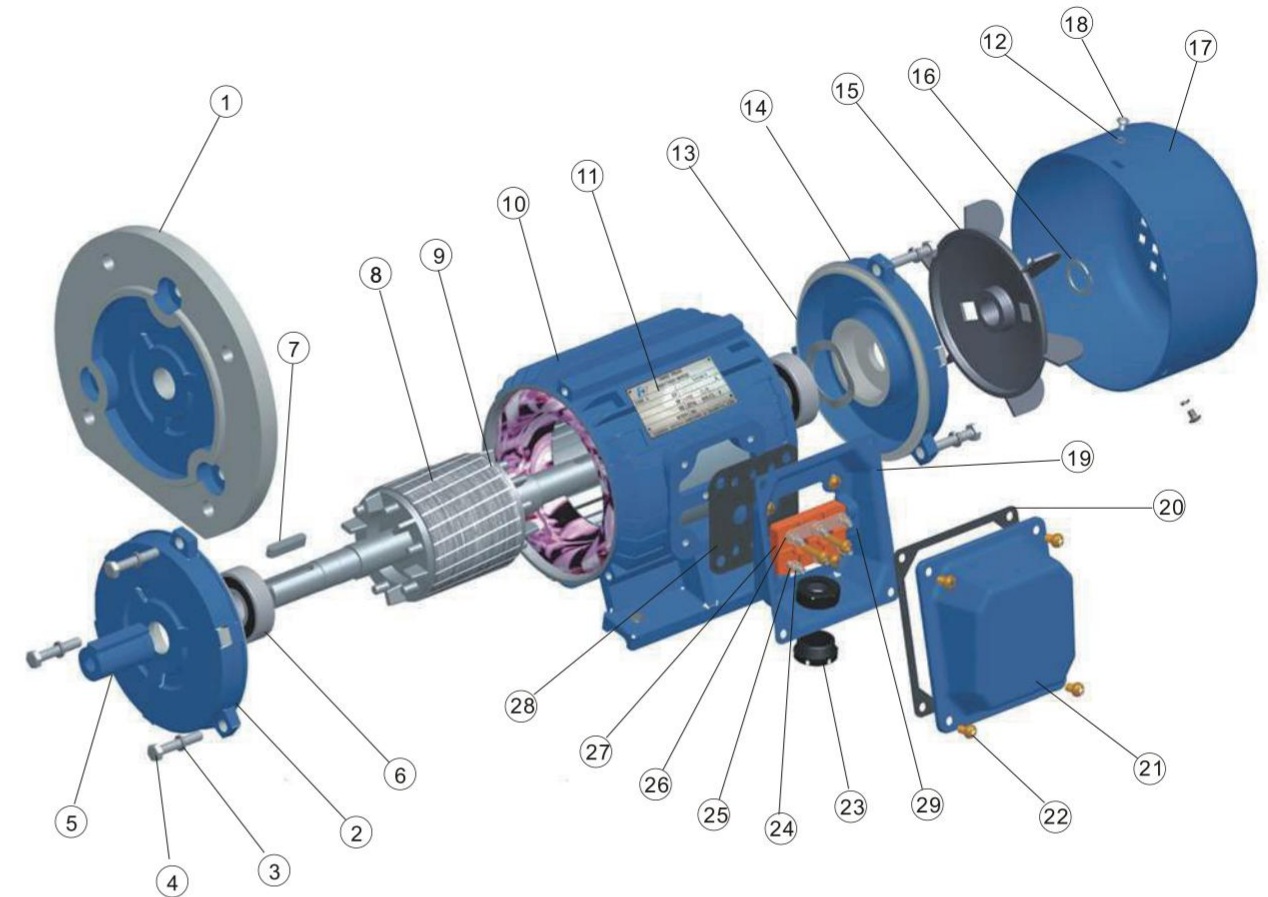
型号	极数	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LA	LB	LD	LL	M	N	P	S	T
63	2,4	100	30	130	115	120	92	80	115	40	11	M4X12	23	13	5	4	8.5	13	63	8	4-ø7	1-M25X1.5	225	11	202	90	92	115	95	140	10	3
71	2,4,6	112	32	144	135	124	92	90	120	45	14	M5X13	30	20	5	5	11	16.5	71	8	4-ø7	1-M25X1.5	250	11	220	102	92	130	110	160	10	3
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	219.4	182	118	140	225	70	28	M10X22	60	50	5	8	24	31	112	15	4-ø12	2-M32X1.5	452	14	392	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	470	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	508	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-ø14.5	2-M40X1.5	608	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-ø14.5	2-M40X1.5	652	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-ø14.5	2-M40X1.5	688	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-ø14.5	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-ø16.5	2-M50X1.5	779	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-ø18.5	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-ø18.5	2-M50X1.5	819	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-ø18.5	2-M50X1.5	8									



YX3,Y3,Y2安装及外型尺寸
IM B5 H80-355



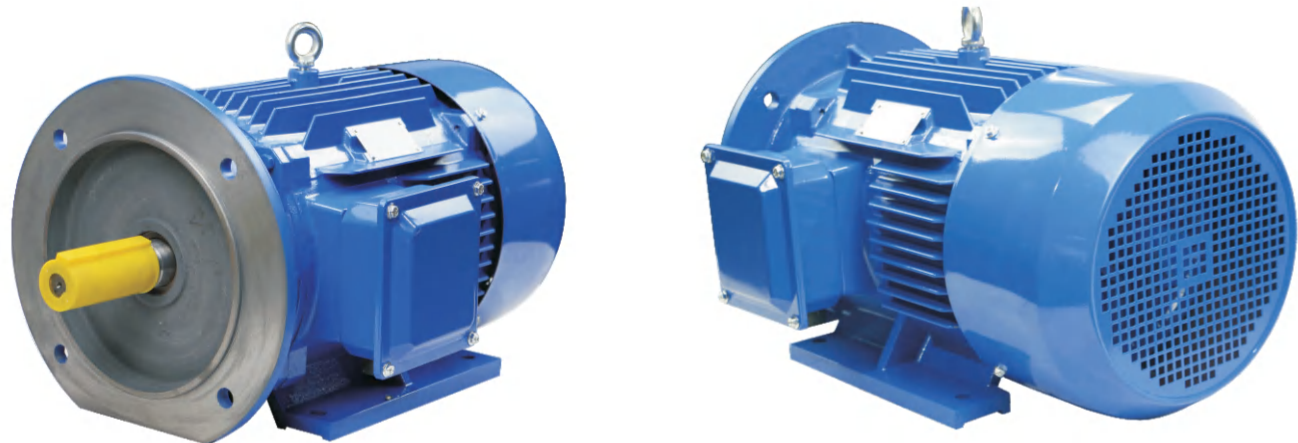
型号	极数	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	KK	L	LA	LB	LD	LL	LM	M	N	P	S	T
160M	2,4,6,8	314	251	162	42	M16X36	110	90	10	12	37	45	426	2-M40X1.5	608	15	498	256	152	670	300	250	350	18.5	5
160L	2,4,6,8	314	251	162	42	M16X36	110	90	10	12	37	45	426	2-M40X1.5	652	15	542	256	152	714	300	250	350	18.5	5
180M	2,4,8	355	267	162	48	M16X36	110	90	10	14	42.5	51.5	44.5	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	771	17	661	296	190	845	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	547	387	248	75	M20X42	140	125	7.5	20	67.5	79.5	662	2-M63X1.5	982	22	842	355.5	218	1058	500	450	550	18.5	5
280M	2	547	387	248	65	M20X42	140	125	7.5	18	58	69	662	2-M63X1.5	1033	22	893	355.5	218	1109	500	450	550	18.5	5
280M	4,6,8	547	387	248	75	M20X42	140	125	7.5	20	67.5	79.5	662	2-M63X1.5	1033	22	893	355.5	218	1109	500	450	550	18.5	5
315S	2	620	527	284	65	M20X42	140	125	7.5	18	58	69	857	2-M63X1.5	1178	22	1038	397	280	1259	600	550	660	24	6
315S	4,6,8,10	620	527	284	80	M20X42	170	160	5	22	71	85	857	2-M63X1.5	1208	22	1038	427	280	1289	600	550	660	24	6
315M	2	620	527	284	65	M20X42	140	125	7.5	18	58	69	857	2-M63X1.5	1288	22	1148	397	280	1369	600	550	660	24	6
315M	4,6,8,10	620	527	284	80	M20X42	170	160	5	22	71	85	857	2-M63X1.5	1318	22	1148	427	280	1399	600	550	660	24	6
315L	2	620	527	284	65	M20X42	140	125	7.5	18	58	69	857	2-M63X1.5	1288	22	1148	397	280	1369	600	550	660	24	6
315L	4,6,8,10	620	527	284	80	M20X42	170	160	5	22	71	85	857	2-M63X1.5	1318	22	1148	427	280	1399	600	550	660	24	6
355M	2	698	642	380	75	M20X50	140	130	5	20	67.5	79.5	1042	2-M63X1.5	1486	25	1346	414	330	1567	740	680	800	24	6
355M	4,6,8,10	698	642	380	95	M24X50	170	160	5	25	86	100	1042	2-M63X1.5	1516	25	1346	444	330	1597	740	680	800	24	6
355L	2	698	642	380	75	M20X50	140	130	5	20	67.5	79.5	1042	2-M63X1.5	1486	25	1346	414	330	1567	740	680	800	24	6
355L	4,6,8,10	698	642	380	95	M24X50	170	160	5	25	86	100	1042	2-M63X1.5	1516	25	1346	444	330	1597	740	680	800	24	6



- | | | |
|-------------------------|-----------------------------|----------------------------|
| 1. B5法兰(B5 Flange) | 11. 铭牌(Name plate) | 21. 接线盒盖(Terminal box lid) |
| 2. 前端盖(Front endshield) | 12. 垫圈(Washer) | 22. 螺丝(Screw) |
| 3. 弹簧垫圈(Spring washer) | 13. 波形垫圈(Wave form) | 23. 护套(Jacket) |
| 4. 螺栓(Bolt) | 14. 后端盖(Rear endshield) | 24. 铜螺帽(Brass washer) |
| 5. 轴套(Shaft cover) | 15. 风叶(Fan) | 25. 铜垫片(Brass net) |
| 6. 轴承(Bearing) | 16. 风叶卡簧(Fan clamp) | 26. 铜连接片(Brass lug) |
| 7. 键(Key) | 17. 风罩(Fan cowl) | 27. 接线板(Terminal board) |
| 8. 转子(Rotor) | 18. 风罩螺丝(Fan cowl Screw) | 28. 皮垫(Leather washer) |
| 9. 定子(Stator) | 19. 接线盒座(Terminal box base) | 29. 接地标志(Earth mark) |
| 10. 机座(Frame) | 20. 密封垫(Gasket) | |



Y系列三相异步电动机
Y series three-phase induction motor



Y系列电动机是全封闭自扇冷式鼠笼型三相异步电动机，是全国统一设计的基本系列，它同时是符合JB/T10391/-2008和IEC34-1标准的有关规定，具有国际互换的特点。

Y系列电动机具有高效、节能、起动转矩大、噪声低、振动小、可靠性高、使用维护方便等特点。

Y系列电动机广泛应用于不含易燃、易爆或腐蚀性气体的一般场合和特殊要求的机械设备上,如金属切削机床、泵、风机、运输机械、搅拌机、农业机械和食品机械等。

Y series motors are totally enclosed fan cooled(TEFC), three-phase squirrel cage induction motors, it is national uniform design in conformity with the relevant standards of IEC34-1 and JB/T10391-2008, enjoys international interchangeable features.

Y series motors have outstanding performance such as high efficiency, energy-saving, high starting torque, low noise, slight vibration, reliable operation and easy maintenance, etc.

Y series motors are widely used in many places, where there do not exist combustible, explosive or corrosive gas, special requirements, such as machine tools, pumps, blowers, transport machinery, mixer, agriculture machinery and food machines, etc.

使用条件

环境温度: -15℃<θ<40℃
海拔: 不超过1000m
额定电压: 380V, 可选220-760V之间任何电压值
额定频率: 50Hz、60Hz
防护等级: IP44、IP54、IP55
绝缘等级: B级、F级、H级
冷却方式: ICO141
工作方式: S1
连接方式: 3kw及以下Y接法、4kw及以上为△接法

Operating Conditions

Ambient temperature:-15℃<θ<40℃
Altitude: not exceeding 1000m
Rated voltage: 380V or any voltage between 220-760v
Rated frequency: 50Hz、60Hz
Protection class: IP44、IP54、IP55
Insulation class: B、F、H
Cooling method: ICO141 Duty: S1 (continuous)
Connection: Star-connection for up to 3kw, delta-connection for 4kw and above.



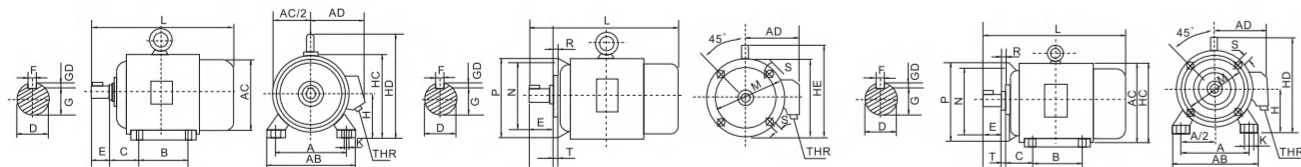
Y系列三相异步电动机
Y series three-phase induction motor

技术数据 Technical Data

型号 Model	功率Output		满载时Full load				75%负载时75%load		50%负载时50%load		堵转转矩	堵转电流	最大转矩
	kw	HP	电流 Current(A)	转速 Speed(r/min)	效率 Eff(%)	功率因数 Power factor	效率 Eff(%)	功率因数 Power factor	效率 Eff(%)	功率因数 Power factor	额定转矩 Tstart/Tn	额定电流 Ist/In	额定转矩 Tmax/Tn
同步转速1500转/分 (4极) 380V 50Hz Synchronous Speed 1500r/min(4 poles)													
Y80M1-4	0.55	0.75	1.51	1390	73.0	0.76	71.5	0.66	70.0	0.52	2.4	6.0	2.3
Y80M2-4	0.75	1	2.01	1390	74.5	0.76	73.0	0.67	74.5	0.56	2.3	6.0	2.3
Y90S-4	1.1	1.5	2.75	1400	78.0	0.78	77.0	0.71	74.8	0.58	2.3	6.5	2.3
Y90L-4	1.5	2	3.65	1400	79.0	0.79	77.5	0.72	76.0	0.61	2.3	6.5	2.3
Y100L1-4	2.2	3	5.03	1430	81.0	0.82	80.3	0.74	78.2	0.61	2.3	7.0	2.3
Y100L2-4	3.0	4	6.82	1430	82.5	0.81	81.6	0.75	80.0	0.63	2.2	7.0	2.3
Y112M-4	4.0	5.5	8.77	1440	84.5	0.82	83.3	0.76	81.8	0.64	2.2	7.0	2.3
Y132S-4	5.5	7.5	11.6	1440	85.5	0.84	84.2	0.78	82.9	0.68	2.2	7.0	2.3
Y132M-4	7.5	10	15.4	1440	87.0	0.85	86.1	0.80	84.9	0.70	2.2	7.0	2.3
Y160M-4	11	15	22.6	1460	88.0	0.84	87.4	0.79	85.1	0.68	2.2	7.0	2.3
Y160L-4	15	20	30.3	1460	88.5	0.85	87.8	0.80	86.1	0.69	2.2	7.0	2.3
Y180M-4	18.5	25	35.9	1470	91.0	0.86	89.9	0.81	88.0	0.71	2.2	7.0	2.2
Y180L-4	22	30	42.5	1470	91.5	0.86	90.7	0.81	90.1	0.72	2.0	7.0	2.2
Y200L-4	30	40	56.8	1470	92.2	0.87	91.3	0.82	90.5	0.73	2.0	7.0	2.2
Y225S-4	37	50	70.4	1480	91.8	0.88	91.1	0.84	90.5	0.78	1.9	7.0	2.2
Y225M-4	45	60	84.2	1480	92.3	0.88	91.6	0.85	90.6	0.79	1.9	7.0	2.2
Y250M-4	55	75	103	1480	92.6	0.88	91.5	0.84	90.9	0.76	2.0	7.0	2.2
Y280S-4	75	100	140	1480	92.7	0.88	91.7	0.84	91.0	0.77	1.9	7.0	2.2
Y280M-4	90	125	164	1480	93.5	0.89	92.4	0.85	91.6	0.81	1.9	7.0	2.2
Y315S-4	110	150	201	1480	93.5	0.89	92.5	0.86	91.6	0.82	1.8	6.8	2.2
Y315M-4	132	180	240	1490	94.0	0.89	92.8	0.86	92.0	0.82	1.8	6.8	2.2
Y315L1-4	160	220	289	1490	94.5	0.89	93.2	0.86	92.9	0.82	1.8	6.8	2.2
Y315L2-4	200	270	361	1490	94.5	0.89	93.2	0.86	92.9	0.82	1.8	6.8	2.2
Y355M-4	250	340	459	1485	94.7	0.87	93.6	0.87	93.0	0.83	1.6	6.8	2.2
Y355L-4	315	430	576	1485	95.2	0.87	94.1	0.87	93.8	0.83	1.6	6.9	2.2
同步转速1000转/分 (6极) 380V 50Hz Synchronous Speed 1000r/min(6 poles)													
Y80M1-6	0.37	0.5	1.2	900	70.5	0.68	68	0.59	64.7	0.43	2.0	5.5	2.2
Y80M2-6	0.55	0.75	1.45	900	71.5	0.68	68	0.59	65.3	0.43	2.0	5.5	2.2
Y90S-6	0.75	1	2.25	910	72.5	0.70	70.5	0.61	66.9	0.47	2.0	5.5	2.2
Y90L-6	1.1	1.5	3.16	910	73.5	0.72	72.0	0.61	67.7	0.47	2.0	5.5	2.2
Y100L-6	1.5	2	3.97	940	77.5	0.74	76.3	0.66	73.5	0.53	2.0	6.0	2.2
Y112M-6	2.2	3	5.61	940	80.5	0.74	79.2	0.66	77.3	0.53	2.0	6.0	2.2
Y132S-6	3.0	4	7.23	960	83.0	0.76	82.0	0.69	79.2	0.57	2.0	6.5	2.2
Y132M1-6	4.0	5.5	9.40	960	84.0	0.77	83.1	0.70	79.9	0.58	2.0	6.5	2.2
Y132M2-6	5.5	7.5	12.6	960	85.3	0.78	84.4	0.72	82.1	0.61	2.0	6.5	2.2
Y160M-6	7.5	10	17.0	970	86.0	0.78	85.2	0.72	83.6	0.63	2.0	6.5	2.2
Y160L-6	11	15	24.6	970	87.0	0.78	86.6	0.72	85.4	0.62	2.0	6.5	2.2
Y180L-6	15	20	31.4	970	89.5	0.81	88.5	0.75	86.8	0.63	1.8	6.5	2.0
Y200L1-6	18.5	25	37.7	970	89.8	0.83	88.7	0.77	87.5	0.69	1.8	6.5	2.0
Y200L2-6	22	30	44.6	970	90.2	0.83	89.3	0.75	87.7	0.65	1.8	6.5	2.0
Y225M-6	30	40	59.5	980	90.2	0.85	89.6	0.80	88.6	0.71	1.7	6.5	2.0
Y250M-6	37	50	72	980	90.8	0.86	90.4	0.81	89.3	0.73	1.8	6.5	2.0
Y280S-6	45	60	85.4	980	92.0	0.87	91.2	0.82	89.7	0.75	1.8	6.5	2.0
Y280M-6	55	75	104	980	92.0	0.87	91.5	0.81	90.2	0.74	1.8	6.5	2.0
Y315S-6	75	100	141	990	92.8	0.87	92.3	0.82	90.8	0.74	1.6	6.5	2.0
Y315M-6	90	125	169	990	93.2	0.87	92.8	0.83	91.2	0.76	1.6	6.5	2.0
Y315L1-6	110	150	206	990	93.5	0.87	92.9	0.83	91.8	0.76	1.6	6.5	2.0
Y315L2-6	132	180	246	990	93.8	0.87	93.1	0.83	92.0	0.76	1.6	6.5	2.0
Y355M1-6	160	220	300	990	94.1	0.86	93.4	0.84	92.6	0.77	1.9	6.7	2.0
Y355M2-6	200	270	374	990	94.3	0.86	93.6	0.84	92.8	0.77	1.9	6.7	2.0
Y355L-6	250	340	465	990	94.7	0.86	94.0	0.84	93.0	0.77	1.9	6.7	2.0
同步转速750转/分 (8极) 380V 50Hz Synchronous Speed 750r/min(8 poles)													
Y132S-8	2.2	3	5.85	710	80.5	0.71	79.7	0.62	77.8	0.49	2.0	5.5	2.0
Y132M-8	3.0	4	7.72	710	82.0	0.72	81.2	0.64	78.5	0.51	2.0	5.5	2.0
Y160M1-8	4.0	5.5	9.91	720	84.0	0.73	83.6	0.64	81.9	0.53	2.0	6.0	2.0
Y160M2-8	5.5	7.5	13.3	720	85.0	0.74	84.4	0.66	82.3	0.54	2.0	6.0	2.0
Y160L-8	7.5	10	17.7	720	86.0	0.75	85.1	0.68	83.2	0.57	2.0	5.5	2.0
Y180L-8	11	15	24.8	730	87.5	0.77	86.9	0.70	85.1	0.57	1.7	6.0	2.0
Y200L-8	15	20	34.1	730	88.0	0.76	87.3	0.71	86.4	0.61	1.8	6.0	2.0
Y225S-8	18.5	25	41.3	730	89.5	0.76	88.5	0.70	87.3	0.61	1.7	6.0	2.0
Y225M-8	22	30	47.6	730	90.0	0.78	88.8	0.71	87.7	0.62	1.8	6.0	2.0
Y250M-8	30	40	63.0	740	90.5	0.80	90.0	0.72	88.6	0.62	1.8	6.0	2.0
Y280S-8	37	50	78.2	740	91.0	0.79	90.2	0.72	89.0	0.62	1.8	6.0	2.0
Y280M-8	45	60	93.2	740	91.7	0.80	91.1	0.74	89.8	0.64	1.8	6.0	2.0
Y315S-8	55	75	114	740	92.0	0.80	91.5	0.74	90.1	0.64	1.6	6.5	2.0
Y315M-8	75	100	152	740	92.5	0.81	92.0	0.76	90.9	0.68	1.6	6.5	2.0
Y315L1-8	90	125	179	740	93.0	0.82	92.6	0.77	91.7	0.69	1.6	6.5	2.0
Y315L2-8	110	150	218	740	93.3	0.82	92.8	0.78	91.8	0.70	1.6	6.3	2.0
Y355M1-8	132	180	260	740	93.8	0.81	93.3	0.79	92.3	0.71	1.9	6.3	2.0
Y355M2-8	160	220	314	740	94.0	0.81	93.5	0.79	92.5	0.71	1.9	6.3	2.0
Y355L-8	200	270	392	740	94.3	0.81	93.8	0.79	92.8	0.71	1.9	6.3	2.0



Y系列三相异步电动机
Y series three-phase induction motor



安装尺寸 Overall & installtion diemnsions

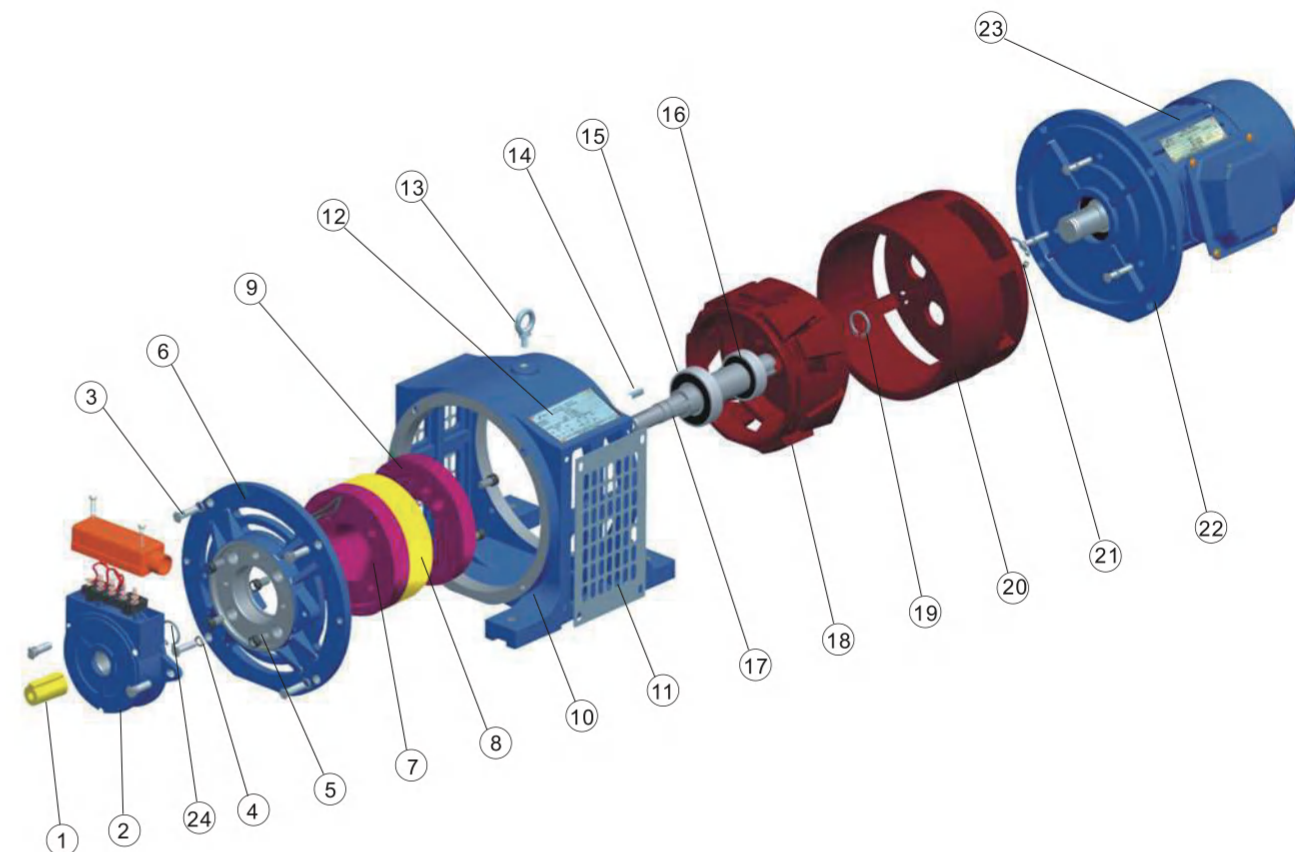
机座号 Frame size	极数 Poles	安装尺寸 Mounting dimensions														外形尺寸 over all dimensions					
		A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
Y80	2,4,6	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	165	175	150	175	290
Y90S	2,4,6	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	160	195	315
Y90L	2,4,6	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	160	195	340
Y100L	2,4,6	160	140	70	28	60	8	24	100	12	215	180	250	0	15	4.0	205	215	180	245	380
Y112M	2,4,6	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4.0	245	240	190	265	400
Y132S	2,4,6,8	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	275	210	315	475
Y132M	2,4,6,8	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	275	210	315	515
Y160M	2,4,6,8	254	210	108	42	110	12	37	160	15	300	250	350	0	19	5.0	325	325	255	385	600
Y160L	2,4,6,8	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5.0	325	325	255	385	645
Y180M	2,4,6,8	279	241	121	48	110	14	42.2	180	15	300	250	350	0	19	5.0	355	360	285	430	670
Y180L	2,4,6,8	279	279	121	48	110	14	42.5	180	15	300	250	350	0	19	5.0	355	360	285	430	710
Y200L	2,4,6,8	318	305	133	55	110	16	49	200	19	350	300	400	0	19	5.0	395	400	310	475	775
Y225S	4,8	356	286	149	60	140	18	53	225	19	400	350	450	0	19	5.0	435	470	345	520	820
Y225M	2	356	311	149	55	110	16	49	225	19	400	350	450	0	19	5.0	435	470	345	520	815
	4,6,8	356	311	149	60	140	18	53	225	19	400	350	550	0	19	5.0	435	515	345	520	845
Y250M	2	406	349	168	60	140	18	53	250	24	500	450	550	0	19	5.0	490	470	385	575	930
	4,6,8	406	349	168	65	140	18	58	250	24	500	450	550	0	19	5.0	490	515	385	575	930
Y280S	2	457	368	190	65	140	18	58	280	24	500	450	550	0	19	5.0	550	585	410	640	1000
	4,6,8	457	368	190	75	140	20	67.5	280	24	500	450	550	0	19	5.0	550	585	410	640	1000
Y280M	2	457	419	190	65	140	18	58	280	24	500	450	550	0	19	5.0	550	585	410	640	1050
	4,6,8	457	419	190	75	140	20	67.5	280	24	500	450	550	0	19	5.0	550	585	410	640	1050
Y315S	2	508	406	216	65	140	18	58	315	28	600	550	660	0	24	6.0	744	645	576	865	1240
	4,6,8,10	508	406	216	80	170	22	71	315	28	600	550	660	0	24	6.0	744	645	576	865	1270
Y315M	2	508	457	216	65	140	18	58	315	28	600	550	660	0	24	6.0	744	645	576	865	1310
	4,6,8,10	508	457	216	80	170	22	71	315	28	600	550	660	0	24	6.0	744	645	576	865	1340
Y315L	2	508	508	216	65	140	18	58	315	28	600	550	660	0	24	6.0	744	645	576	865	1310
	4,6,8,10	508	508	216	80	170	22	71	315	28	600	550	660	0	24	6.0	744	645	576	865	1340
Y355M	2	610	560	254	75	140	20	67.5	355	28	740	680	800	0	24	6.0	740	750	680	1035	1540
	4,6,8,10	610	560	254	95	170	25	86	355	28	740	680	800	0	24	6.0	740	750	680	1035	1570
Y355L	2	610	630	254	75	140	20	67.5	355	28	740	680	800	0	24	6.0	740	750	680	1035	1540
	4,6,8,10	610	630	254	95	170	25	86	355	28	740	680	800	0	24	6.0	740	750	680	1035	1570

技术数据 Technical Data

型号 Model	功率Output		满载时Full load				75%负载时75%load		50%负载时50%load		堵转转矩 Tstart/Tn	堵转电流 Ist/In	最大转矩 Tmax/Tn
	kw	HP	电流 Current(A)	转速 Speed(r/min)	效率 Eff(%)	功率因数 Power factor	效率 Eff(%)	功率因数 Power factor	效率 Eff(%)	功率因数 Power factor			
同步转速3000转/分（2极）380V 50Hz Synchronous Speed 3000r/min(2 poles)													
Y801-2	0.75	1	1.81	2830	75.0	0.84	73.8	0.79	72.0	0.68	2.2	6.5	2.3
Y802-2	1.1	1.5	2.52	2830	77.0	0.86	76.5	0.81	74.0	0.71	2.2	7.0	2.3
Y90S-2	1.5	2	3.44	2840	78.0	0.85	77.5	0.80	76.0	0.71	2.2	7.0	2.3
Y90L-2	2.2	3	4.83	2840	80.5	0.86	79.7	0.82	77.6	0.73	2.2	7.0	2.3
Y100L-2	3.0	4	6.39	2870	82.0	0.87	81.3	0.83	79.3	0.74	2.2	7.0	2.3
Y112M-2	4.0	5.5	8.17	2890	85.5	0.87	84.8	0.83	82.8	0.73	2.2	7.0	2.3
Y132S1-2	5.5	7.5	11.1	2900	85.5	0.88	84.9	0.86	83.0	0.79	2.0	7.0	2.3
Y132S2-2	7.5	10	15.0	2900	86.2	0.88	85.5	0.86	84.0	0.79	2.0	7.0	2.3
Y160M1-2	11	15	21.8	2930	87.2	0.88	86.5	0.86	85.0	0.79	2.0	7.0	2.3
Y160M2-2	15	20	29.4	2930	88.2	0.88	87.6	0.85	86.4	0.80	2.0	7.0	2.3
Y160L-2	18.5	25	35.5	2930	89.0	0.89	88.5	0.86	87.2	0.81	2.0	7.0	2.2
Y180M-2	22	30	42.2	2940	89.0	0.89	88.1	0.87	87.0	0.81	2.0	7.0	2.2
Y200L1-2	30	40	56.9	2950	90.0	0.89	88.7	0.86	87.2	0.79	2.0	7.0	2.2
Y200L2-2	37	50	69.8	2950	90.5	0.89	89.7	0.86	88.0	0.80	2.0	7.0	2.2
Y225M-2	45	60	83.9	2970	91.7	0.89	90.7	0.87	89.7	0.82	2.0	7.0	2.2
Y250M-2	55	75	103	2970	91.5	0.89	90.6	0.86	89.5	0.82	2.0	7.0	2.2
Y280S-2	75	100	139	2970	92.0	0.89	91.0	0.86	90.1	0.82	2.0	7.0	2.2
Y280M-2	90	125	166	2970	92.5	0.89	91.4	0.86	90.9	0.84	2.0	7.0	2.2
Y315S-2	110	150	203	2980	92.5	0.89	91.4	0.86	90.9	0.84	1.8	6.8	2.2
Y315M-2	132	180	242	2980	93.0	0.89	91.8	0.87	90.8	0.84	1.8	6.8	2.2
Y315L1-2	160	220	292	2980	93.5	0.89	91.9	0.87	91.0	0.84	1.8	6.8	2.2
Y315L2-2	200	270	365	2980	93.5	0.89	92.3	0.87	91.2	0.84	1.8	6.8	2.2
Y355M-2	250	340	444	2980	94.5	0.90	93.3	0.88	92.5	0.85	1.6	7.0	2.2
Y355L-2	315	430	556	2980	95.0	0.90	93.9	0.88	92.8	0.85	1.6	7.1	2.2



YCT系列电磁调速电动机
YCT series three-phase induction motor



- | | | |
|--------------------------------|----------------------|----------------------|
| 1.轴套(Shaft cover) | 11.网罩(Net mask) | 21.卡簧(Clamp) |
| 2.测发(Measuring fat) | 12.铭牌(Nameplate) | 22.拖盖(Trailer cover) |
| 3.螺栓(Bolt) | 13.吊环(Eyebolt) | 23.电动机(Motor) |
| 4.弹簧垫圈(Spring washer) | 14.键 (Key) | 24.卡簧(Clamp) |
| 5.圆头螺栓(Round bolt) | 15.轴承(Bearing) | |
| 6.花端(Flower cover) | 16.轴承(Bearing) | |
| 7.导磁体(Introduction magnets) | 17.轴(Shaft) | |
| 8.离磁线圈(From the magnetic coil) | 18.磁极(Magnetic pole) | |
| 9.磁轭(Magnetic yoke) | 19.卡簧(Clamp) | |
| 10.机座(Frame) | 20.电枢(Armature) | |



YCT系列电磁调速电动机
YCT series three-phase induction motor

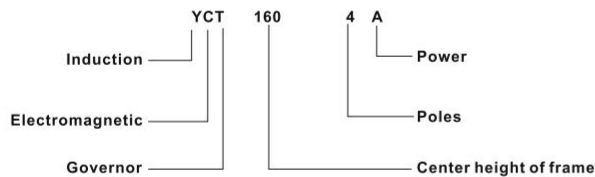
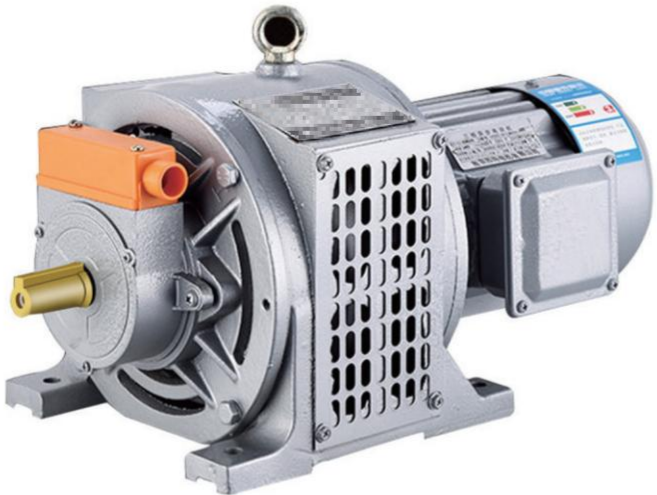


MS系列铝壳三相异步电动机
MS series three-phase asynchronous motor with aluminium housing

YCT系列电磁调速电动机是一种可靠的调速装置。能在规定的范围内均匀地，连续地无级调速并能输出额定转矩，速度变化低于3%。结构简单，使用方便，控制功率小、启动性能好、启动转矩大、启动平滑、调速范围广等特点。

Property and Features

Electromagnetic adjustable-speed motor is a reliable adjustable-speed equipment. It can adjust speed continuously and evenly in prescribed limit and outlet rated torque with speed variation lower than 3%. It is easy to operate with sipmle structure, small controlling power, good start property, big start torque, smooth start and wide speed scope.

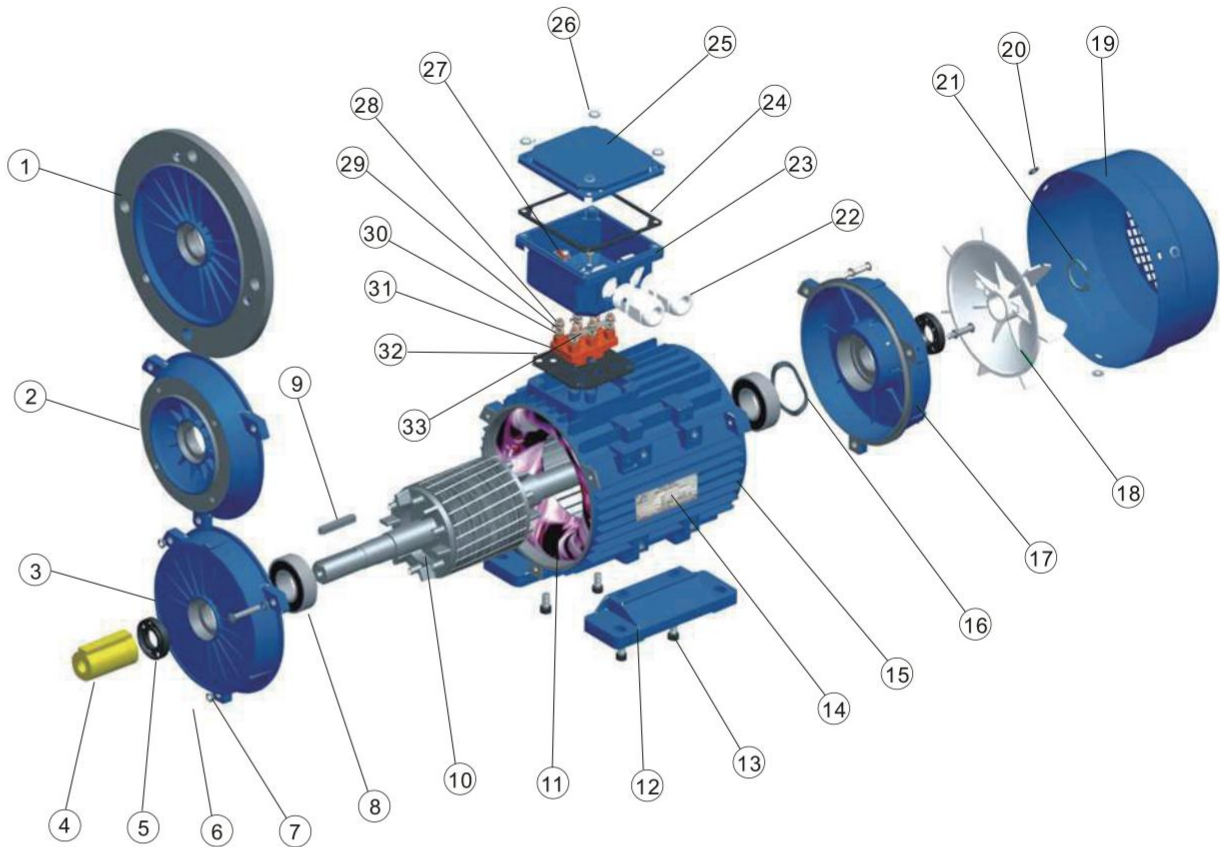


技术参数 Technical Data

机座号 Frame number		标称功率 千瓦 W Nominal capcity W	额定转矩 牛·米 N·m Rated torque N·m	调速范围 转每分 r/min Range of speed regulation r/min	转速变化率不大于% Rate of speed variation not greater than %
90	-4A	0.25	1.6	1200-120	2.5
	-4B	0.37	2.3		
112	-4A	0.55	3.6	1230 ~ 125	
	-4B	0.75	4.9		
132	-4A	1.1	7.1		
	-4B	1.5	9.7		
160	-4A	2.2	14.1	1250 ~ 125	
	-4B	3.0	19.2		
180	-4A	4.0	25.2		
200	-4A	5.5	36.1		
	-4B	7.5	47.7		
225	-4A	11	69		
	-4B	15	94		
250	-4A	18.5	110		
	-4B	22	137		
280	-4A	30	189		
315	-4A	37	232		
	-4B	45	282		
355	-4A	55	344	1340 ~ 440	
	-4B	75	469		
	-4C	90	564	1340 ~ 600	
400	-4A	110	690	1350 ~ 650	
	-4B	132	827		

安装尺寸 Overall & Installation Dimensions

机座号 Frame number		安装尺寸 Mounting dimensions(mm)										外形尺寸 Overall dimensions(mm)					Weight kg
		A	A/2	WB	WC	D	E	F	G	H	K	AB	AC	AD	HD	L	
90	-4A	160	80	178	40	18	40	6	14.5	90	10	190	200	130	220	480	34
	-4B																36
112	-4A	190	95	210	40	19	40	6	15.5	112	12	240	260	150	280	520	50
	-4B																53
132	-4A	216	108	241	40	24	50	8	20	132	12	285	310	165	330	570 585	75
	-4B																77
160	-4A	254	127	267	45	28	60	8	24	160	15	330	350	185	385	665	112
	-4B																117
180	-4A	279	139.5	305	45	28	60	8	24	180	15	365	385	195	430	700	157
200	-4A	318	159	356	50	38	80	10	33	200	19	410	430	235	485	820 860	224
	-4B																244
225	-4A	356	178	406	56	42	110	12	37	225	19	465	485	270	545	980 1025	390
	-4B																420
250	-4A	406	203	457	63	48	110	14	42.5	250	24	520	540	295	595	1130 1170	460
	-4B																502
280	-4A	457	228.5	508	70	55	110	16	49	280	24	575	595	320	665	1280	632
315	-4A	508	254	560	89	60	140	18	53	315	28	645	670	345	770	1400 1425	810
	-4B																850
355	-4A	610	305	630	108	65	140	18	58	355	28	755	780	390	890	1550	1510
	-4B					75		20	67.5					420		1630	1655
	-4C					1680		1700									
400	-4A	630	315	710	108	80	170	22	71	400	32	800	820	500	820	1980 2030	2050
	-4B																2150
	-4C																2210



- 1.B5法兰(B5 Flange)
2.B14法兰(Front endshield)
3.前端盖(Front endshield)
4.轴套(Shaft cover)
5.弹簧垫圈(Spring washer)
6.密封圈(V Ring)Oil seal
7.螺栓(Bolt)
8.轴承(Bearing)
9.键(Key)
10.转子(Rotor)
11.定子(Stator)
12.铝底脚(Pedstal)
- 13.铝底脚螺栓(Pedstal bolt)
14.铭牌(Nameplate)
15.机座(Frame)
16.波形垫圈(Wave form)
17.后端盖(Rear endshield)
18.风叶(Fan)
19.风罩(Fan cowl)
20.风罩螺丝(Fan cowl Screw)
21.风叶卡簧(Fanclamp)
22.PG
23.接线盒座(Terminal box base)
24.密封垫(Gasket)
- 25.接线盒盖(Terminal box lid)
26.螺丝(Screw)
27.接地标志(Earth mark)
28.铜螺帽(Brass washer)
29.扣帽(Deduction cap)
30.铜垫片(Brass net)
31.接线板(Terminal board)
32.皮垫(Lrather washer)
33.铜连接片(Brass lug)



MS系列铝壳三相异步电动机
MS series three-phase asynchronous motor with aluminium housing

MS系列铝壳三相异步电动机,符合国际电工协会IEC有关规定,选用优质原材料,进行最新式整体设计.具有性能好,噪声低、振动小、运行安全可靠、外形美观、体积小、重量轻、结构简单、维修方便等优点。

Introduce

MS series aluminum housing three-phase asynchronous motors, with latest design in entirety, are made of selected quality materials and conform to IEC standard. MS motor have good performance, safety and reliable operation, nice appearance, and can be maintained very conveniently, while with low noise, little vibration and at the same time light weight and simple construction. These motors can be used for general drive.

使用条件

环境温度: $-15^{\circ}\text{C} < \theta < 40^{\circ}\text{C}$

海拔: 不超过1000m

额定电压: 380V

额定频率: 50Hz、60Hz

防护等级: IP54、IP55

绝缘等级: B、F

冷却方式: ICO141

工作方式: 连续S1

Operating Conditions

Ambient temperature: $-15^{\circ}\text{C} < \theta < 40^{\circ}\text{C}$

Altitude: Not exceeding 1000m

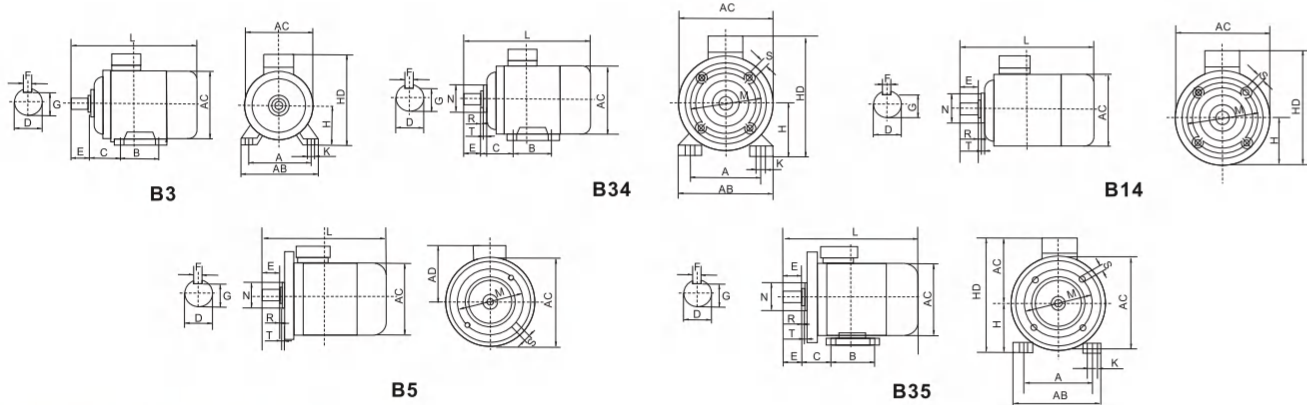
Rated voltage: 380V

Rated frequency: 50Hz/60Hz

Protection class: IP54、IP55

Insulation Class: Class B/F

Cooling method: ICO141 Duty:S1(continuous)



安装尺寸 Overall & Installation Dimensions

Frame No.	Installation Size								Installation Size IMB14								Installation Size IMB5								Overall Dimension				
	A	B	C	D	E	F	G	H	K	M	N	P	S	T	M	N	P	S	T	AB	AC	AD	HD	L	AB	AC	AD	HD	L
56	90	71	36	9	20	3	7.2	56	6	65	50	80	M5	2	100	80	120	8.5	3	112	108	93	149	192					
63	100	80	40	11	23	4	8.5	63	7	75	60	90	M5	2.5	115	95	140	10	3	120	120	97	160	211					
71	112	90	45	14	30	5	11	71	7	85	70	105	M6	2.5	130	110	160	10	3.5	135	140	104	175	240					
80	125	100	50	19	40	6	15.5	80	10	100	80	120	M6	3	165	130	200	12	3.5	155	160	113	193	284					
90S	140	100	56	24	50	8	20	90	10	115	95	140	M8	3	165	130	200	12	3.5	175	175	123	213	316					
90L	140	125	56	24	50	8	20	90	10	115	95	140	M8	3	165	130	200	12	3.5	175	175	123	213	341					
100L	160	140	63	28	60	8	24	100	12	130	110	160	M8	3.5	215	180	250	15	4	200	195	157	257	377					
112M	190	140	70	28	60	8	24	112	12	130	110	160	M8	3.5	215	180	250	15	4	226	220	163	275	392					
132S	216	140	89	38	80	10	33	132	12	165	130	200	M10	3.5	265	230	300	15	4	265	265	183	315	463					
132M	216	178	89	38	80	10	33	132	12	165	130	200	M10	3.5	265	230	300	15	4	265	265	183	315	501					
160M	254	210	108	42	110	12	37	160	15	215	180	250	M12	4	300	250	350	19	5	310	320	223	383	606					
160L	254	254	108	42	110	12	37	160	15	215	180	250	M12	4	300	250	350	19	5	310	320	223	383	650					



MS系列铝壳三相异步电动机
MS series three-phase asynchronous motor with aluminium housing

技术数据 Technical Data

型号 Model	功率Output		满载时Full load				75%负载时75%load		50%负载时50%load		堵转转矩	堵转电流	最大转矩
	kw	HP	电流 Current (A)	转速 Speed (r/min)	效率 Eff (%)	功率因数 Power factor	效率 Eff (%)	功率因数 Power factor	效率 Eff (%)	功率因数 Power factor	额定转矩 Tstart/Tn	额定电流 Ist/In	额定转矩 Tmax/Tn
同步转速3000转/分 (2极) 380V 50Hz Synchronous Speed 3000r/min(2 poles)													
MS56M1-2	0.09	0.12	0.30	2700	58.0	0.78	56.2	0.77	54.0	0.74	2.2	5.5	2.2
MS56M2-2	0.12	0.18	0.38	2700	60.0	0.79	58.5	0.78	56.0	0.75	2.2	5.5	2.2
MS63M1-2	0.18	0.25	0.53	2720	63.0	0.80	62.0	0.80	60.5	0.76	2.2	5.5	2.2
MS63M2-2	0.25	0.33	0.69	2720	65.0	0.81	64.0	0.80	62.5	0.77	2.2	5.5	2.2
MS71M1-2	0.37	0.50	0.99	2740	66.0	0.81	65.0	0.80	63.5	0.78	2.2	6.1	2.2
MS71M2-2	0.55	0.75	1.40	2740	71.0	0.82	70.0	0.82	68.5	0.79	2.2	6.1	2.3
MS80M1-2	0.75	1	1.83	2835	77.4	0.83	72.0	0.83	70.2	0.80	2.2	6.1	2.3
MS80M2-2	1.1	1.5	2.58	2835	79.6	0.84	75.1	0.83	73.0	0.80	2.2	7.0	2.3
MS90S-2	1.5	2	3.43	2845	81.3	0.84	77.0	0.85	70.0	0.81	2.2	7.0	2.3
MS90L-2	2.2	3	4.85	2845	83.2	0.85	80.0	0.85	78.0	0.84	2.2	7.0	2.3
MS100L-2	3.0	4	6.31	2875	84.6	0.87	81.0	0.86	79.3	0.86	2.2	7.0	2.3
MS112M-2	4.0	5.5	8.10	2895	85.8	0.88	83.5	0.87	81.0	0.84	2.2	7.5	2.3
MS132S1-2	5.5	7.5	11.0	2905	87.0	0.88	84.3	0.89	83.0	0.84	2.2	7.5	2.3
MS132S2-2	7.5	10	14.9	2905	88.1	0.88	85.9	0.87	83.7	0.84	2.2	7.5	2.3
MS160M1-2	11	15	21.3	2935	89.4	0.89	86.8	0.89	84.1	0.84	2.2	7.5	2.3
MS160M2-2	15	20	28.8	2935	90.3	0.89	88.0	0.89	86.4	0.85	2.2	7.5	2.3
MS160L-2	18.5	25	34.7	2935	90.9	0.90	89.0	0.88	86.8	0.86	2.2	7.5	2.3
同步转速1500转/分 (4极) 380V 50Hz Synchronous Speed 1500r/min(4 poles)													
MS56M1-4	0.06	0.08	0.26	1300	53.0	0.70	51.8	0.65	50.0	0.53	2.1	5.2	2.2
MS56M2-4	0.09	0.12	0.35	1300	55.0	0.71	53.8	0.67	52.0	0.55	2.1	5.2	2.2
MS63M1-4	0.12	0.18	0.42	1310	57.0	0.72	56.1	0.69	53.9	0.57	2.1	5.2	2.2
MS63M2-4	0.18	0.25	0.62	1310	60.0	0.73	58.5	0.70	56.7	0.59	2.1	5.2	2.2
MS71M1-4	0.25	0.33	0.79	1330	65.0	0.74	62.4	0.73	59.3	0.59	2.1	5.2	2.2
MS71M2-4	0.37	0.50	1.12	1330	67.0	0.75	65.3	0.74	60.8	0.63	2.1	5.2	2.2
MS80M1-4	0.55	0.75	1.57	1395	71.0	0.75	69.2	0.74	67.2	0.64	2.4	5.2	2.3
MS80M2-4	0.75	1.0	2.03	1395	79.6	0.76	71.7	0.75	69.8	0.67	2.3	6.0	2.3
MS90S-4	1.1	1.5	2.89	1405	81.4	0.77	73.1	0.75	70.8	0.67	2.3	6.0	2.3
MS90L-4	1.5	2	3.70	1405	82.8	0.79	76.1	0.76	73.7	0.69	2.3	6.0	2.3
MS100L1-4	2.2	3	5.16	1435	84.3	0.81	78.0	0.79	75.5	0.69	2.3	7.0	2.3
MS100L2-4	3.0	4	6.78	1435	85.5	0.82	79.9	0.78	77.5	0.70	2.3	7.0	2.3
MS112M-4	4.0	5.5	8.80	1445	86.6	0.82	81.9	0.79	79.6	0.70	2.3	7.0	2.3
MS132S-4	5.5	7.5	11.7	1445	87.7	0.83	82.8	0.81	80.4	0.73	2.3	7.0	2.3
MS132M-4	7.5	10	15.6	1445	88.7	0.84	84.8	0.82	82.6	0.74	2.3	7.0	2.3
MS160M-4	11	15	22.3	1465	89.8	0.84	85.8	0.83	83.8	0.75	2.2	7.0	2.3
MS160L-4	15	20	30.1	1465	90.6	0.85	90.0	0.83	88.5	0.75	2.2	7.5	2.3
同步转速1000转/分 (6极) 380V 50Hz Synchronous Speed 1000r/min(6poles)													
MS71M1-6	0.18	0.25	0.74	850	56.0	0.66	54.6	0.66	53.0	0.65	1.9	4.0	2.0
MS71M2-6	0.25	0.33	0.95	850	59.0	0.68	57.5	0.68	56.1	0.62	1.9	4.0	2.0
MS80M1-6	0.37	0.50	1.30	895	62.0	0.70	60.5	0.69	59.1	0.64	1.9	4.7	2.0
MS80M2-6	0.55	0.75	1.79	895	65.0	0.72	63.3	0.71	60.1	0.64	1.9	4.7	2.1
MS90S-6	0.75	1	2.29	915	75.9	0.72	67.3	0.72	66.3	0.65	2.0	5.5	2.1
MS90L-6	1.1	1.5	3.18	915	78.1	0.73	70.2	0.72	68.0	0.66	2.0	5.5	2.2
MS100L-6	1.5	2	3.94	945	79.8	0.75	74.0	0.75	71.0	0.68	2.0	5.5	2.1
MS112M-6	2.2	3	5.60	945	81.8	0.73	77.1	0.77	75.1	0.69	2.0	6.5	2.1
MS132S-6	3.0	4	7.40	965	83.3	0.76	78.9	0.77	76.1	0.69	2.1	6.5	2.1
MS132M1-6	4.0	5.5	9.80	965	84.6	0.76	80.0	0.76	77.5	0.70	2.1	6.5	2.1
MS132M2-6	5.5	7.5	12.9	965	86.0	0.77	82.1	0.77	79.4	0.70	2.1	6.5	2.1
MS160M-6	7.5	10	17.0	975	87.2	0.77	83.4	0.77	82.4	0.70	2.0	6.5	2.1
MS160L-6	11	15	24.2	975	88.7	0.78	86.6	0.78	84.8	0.72	2.0	6.5	2.1
同步转速750转/分 (8极) 380V 50Hz Synchronous Speed 750r/min(8poles)													
MS80M1-8	0.18	0.25	0.88	630	51.0	0.61	47.9	0.52	44.6	0.54	1.8	4.0	1.9
MS80M2-8	0.25	0.33	1.15	640	54.0	0.61	48.9	0.54	45.3	0.55	1.8	4.0	1.9
MS90S-8	0.37	0.50	1.49	660	62.0	0.61	55.6	0.57	50.7	0.56	1.8	4.0	1.9
MS90L-8	0.55	0.75	2.18	660	63.0	0.61	55.9	0.58	50.9	0.59	1.8	4.0	2.0
MS100L1-8	0.75	1	2.17	690	71.0	0.67	60.9	0.65	59.7	0.56	1.8	4.0	2.0
MS100L2-8	1.1	1.5	2.39	690	73.0	0.69	72.0	0.61	59.8	0.57	1.8	5.0	2.0
MS112M-8	1.5	2	4.50	680	75.0	0.69	74.2	0.64					



YD系列变极多速三相电动机是我国统一设计的Y2系列电动机的派生系列之一，具有性能优良,外形美观，与国外同类产品有较好的互换性等优点。防护等级为IP44。
本电动机有变速，三速，四速三种类型，其转速可逐级变换。适用于机械、矿山、冶金、纺织、印染、化工、农械等需要分级变速的设备上，也可简化或代替机械传动中的齿轮减速箱。
本系列的外形及安装尺寸与Y2系列相同。

使用条件

环境温度：-15° C<Θ<40° C 海拔：不超过1000m 额定电压：380(1±5%)V

Introduce

YD series three-phase multi-speed induction motors are one of the derived series of Y2 series induction motors of our national uniform design, it have following features: excellent performance, attractive appearance and good interchangeability for the same kind of products aborad. The protection class Ip44.

The motors are designed in three types: double speed, three speed and four speed. These speed rates can be changed in stages. The motors are widely used on applications in the equipments where the changed rates in stages are needed, such as mechanism, mine, metallurgy, textiles, printing and dyeing, chemical industry, agricultural etc. They can also simplify or take the place of reducing gearbox in the mechanical drive lines.

Operating conditions

Ambient temperature:-15° C<Θ<40° C Altitude:not exceed 1000m Rated voltage:380(1±5%)V



技术数据 Technical Data(380V 50Hz)

机座号 Frame size	转速 Speed (r/min)	功率 Output (kW)	电流 Current (A)	效率 Eff (%)	功率因素 Power Factor (%)	堵转电流 额定电流 Is/In	堵转转矩 额定转矩 Tstart/Tn	最大转矩 额定转矩 Tmax/Tn
YD801	4	1420	0.45	1.4	66	0.74	6.5	1.5
	2	2860	0.55	1.5	65	0.85	7	1.6
YD802	4	1420	0.55	1.7	68	0.74	6.5	1.5
	2	2860	0.75	2.0	66	0.85	7	1.6
YD90S	4	1430	0.85	2.3	74	0.77	6.5	1.5
	2	2850	1.1	2.8	73	0.84	7	1.6
YD90L	4	1430	1.3	3.3	76	0.78	6.5	1.5
	2	2850	1.8	4.3	74	0.84	7	1.6
YD100L1	4	1430	2	4.8	78	0.81	6.5	1.5
	2	2850	2.4	5.6	76	0.86	7	1.6
YD100L2	4	1430	2.4	5.6	79	0.83	6.5	1.5
	2	2850	3	6.7	77	0.89	7	1.6
YD112M	4	1450	3.3	7.4	81	0.83	6.5	1.5
	2	2860	4	8.6	80	0.88	7	1.6
YD132S	4	1450	4.5	9.8	83	0.84	6.5	1.5
	2	2860	5.5	11.9	79	0.88	7	1.6
YD132M	4	1450	6.5	13.8	84	0.85	6.5	1.5
	2	2880	8	17.1	80	0.89	7	1.6
YD160M	4	1460	9	18.5	87	0.85	6.5	1.5
	2	2920	11	22.9	82	0.89	7	1.6
YD160L	4	1460	11	22.3	87	0.86	6.5	1.5
	2	2920	14	28.8	82	0.90	7	1.6
YD180M	4	1470	15	29.4	89	0.87	6.5	1.5
	2	2940	18.5	36.7	85	0.90	7	1.6
YD180L	4	1470	18.5	35.9	89	0.88	6.5	1.5
	2	2940	22	42.7	86	0.91	7	1.6
YD200L	4	1470	26	49.9	89	0.89	6.5	1.4
	2	2950	30	58.3	85	0.92	7	1.4
YD225S	4	1480	32	60.7	90	0.89	6.5	1.4
	2	2960	37	71.7	86	0.92	7	1.4
YD225M	4	1480	37	69.4	91	0.89	6.5	1.4
	2	2960	45	86.4	87	0.92	7	1.4
YD250M	4	1480	45	84.4	91	0.89	6.5	1.4
	2	2960	55	103.2	88	0.92	7	1.4
YD280S	4	1480	60	111.3	91	0.90	6.5	1.4
	2	2970	72	135.1	88	0.92	7	1.4
YD280M	6	1480	72	133.6	91	0.90	6.5	1.4
	4	2970	82	152.2	88	0.93	7	1.4
YD90S	6	920	0.65	2.2	64	0.70	6	1.4
	4	1420	0.85	2.3	70	0.79	6.5	11.3
YD90L	6	930	0.85	2.8	66	0.70	6	1.4
	4	1420	1.1	3.0	71	0.79	6.5	1.3
YD100L1	6	940	1.3	3.8	74	0.70	6	1.4
	4	1440	1.8	4.4	77	0.80	6.5	1.3
YD100L2	6	940	1.5	4.3	75	0.70	6	1.4
	4	1440	2.2	5.4	77	0.80	6.5	1.4
YD112M	6	960	2.2	5.7	77	0.75	6	1.4
	4	1440	2.8	6.7	77	0.82	6.5	1.3
YD132S	6	960	3	7.7	79	0.70	6	1.4
	4	1440	4	9.5	80	0.82	6.5	1.3
YD132M	6	960	4	9.8	81	0.76	6	1.4
	4	1440	5.5	12.3	80	0.85	6.5	1.3
YD160M	6	970	6.5	15.1	84	0.78	6	1.4
	4	1460	8	17.4	83	0.85	6.5	1.3
YD160L	6	970	9	20.6	85	0.78	6	1.4
	4	1460	11	23.4	84	0.85	6.5	1.3
YD180M	6	980	11	25.9	85	0.78	6	1.4
	4	1470	14	29.8	85	0.85	6.5	1.3
YD180L	6	980	13	29.4	86	0.78	6	1.4
	4	1460	16	33.6	85	0.85	6.5	1.3
YD200L	6	980	18.5	41.4	87	0.78		1.4
	4	1460	22	44.7	87	0.86	6.5	1.3
YD225S	6	980	22	44.2	88	0.86	6.5	1.4
	4	1470	28	56.2	87	0.87	7	1.3
YD225M	6	980	26	52.2	88	0.86	6.5	1.4
	4	1470	34	66.0	87	0.90	7	1.3
YD250M	6	980	32	62.1	90	0.87	6.5	1.4
	4	1470	42	74.7	88	0.91	7	1.3
YD280S	6	980	42	81.5	90	0.87	6.5	1.4
	4	1480	55	104.2	89	0.90	7	1.3
YD280M	6	680	55	106.7	90	0.87	6.5	1.4
	4	1420	72	138.1	89	0.89	7	1.3
YD90L	8	700	0.45	1.9	58	0.63	5.5	1.5
	4	1420	0.75	1.92	72	0.87	6.5	1.5
YD100L	8	700	0.85	3.1	68	0.63	5.5	1.5
	4	1420	1.5	3.5	75	0.88	6.5	1.5
YD112M	8	700	1.5	5.0	72	0.63	5.5	1.5
	4	1420	2.4	5.3	78	0.88	6.5	1.5
YD132S	8	720	2.2	7.0	75	0.64	5.5	1.5
	4	1440	3.3	7.1	80	0.88	6.5	1.5



YD系列变极多速三相电动机

YD series pole– changing multi– speed three phase asynchronous electric motor

技术数据 Technical Data(380V 50Hz)

机座号 Frame size		转速 Speed (r/min)	功率 Output (kW)	电流 Current (A)	效率 Eff (%)	功率因素 Power Factor (%)	堵转电流 额定电流 Ist/In	堵转转矩 额定转矩 Tstart/Tn	最大转矩 额定转矩 Tmax/Tn
YD132M	8	720	3	9.0	78	0.65	5.5	1.5	1.8
	4	1440	4.5	9.4	82	0.88	6.5	1.5	1.8
YD160M	8	730	5	13.9	83	0.66	5.5	1.5	1.8
	4	1450	7.5	15.2	84	0.89	6.5	1.5	1.8
YD160L	8	730	7	19.0	85	0.66	5.5	1.5	1.8
	4	1450	11	21.8	86	0.89	6.5	1.5	1.8
YD180L	8	730	11	26.0	86	0.74	6	1.5	1.8
	4	1470	17	31.5	87	0.92	7	1.5	1.8
YD200L1	8	740	14	33.0	86	0.74	6	1.5	1.8
	4	1470	22	41.3	88	0.92	7	1.5	1.8
YD200L2	8	740	17	40.1	87	0.74	6	1.5	1.8
	4	1470	26	48.8	88	0.92	7	1.5	1.8
YD225M	8	740	24	53.2	89	0.77	6	1.4	1.8
	4	1480	34	66.7	88	0.88	7	1.3	1.8
YD250M	8	740	30	64.9	90	0.78	6	1.4	1.8
	4	1480	42	78.8	89	0.91	7	1.3	1.8
YD280S	8	740	40	83.5	91	0.80	6	1.4	1.8
	4	1480	55	102	90	0.91	7	1.3	1.8
YD280M	8	680	47	96.9	91	0.81	6	1.4	1.8
	4	930	67	122.9	90	0.92	7	1.3	1.8
YD90S	8	680	0.35	1.6	56	0.60	5	1.4	1.8
	6	930	0.45	1.4	70	0.72	6	1.3	1.8
YD90L	8	710	0.45	1.9	59	0.60	5	1.5	1.8
	6	950	0.65	1.9	71	0.73	6	1.5	1.8
YD100L	8	710	0.75	2.9	65	0.60	5	1.5	1.8
	6	950	1.1	3.1	75	0.73	6	1.5	1.8
YD112M	8	710	1.3	4.5	72	0.61	5	1.5	1.8
	6	950	1.8	4.8	78	0.73	6	1.5	1.8
YD132S	8	730	1.8	5.8	75	0.62	5	1.5	1.8
	6	970	2.4	6.2	80	0.73	6	1.5	1.8
YD132M	8	730	2.6	8.2	78	0.62	5	1.5	1.8
	6	970	3.7	9.4	82	0.73	6	1.5	1.8
YD160M	8	930	4.5	13.3	83	0.62	5	1.5	1.8
	6	980	6	14.7	85	0.73	6	1.5	1.8
YD160L	8	930	6	17.5	84	0.62	5	1.5	1.8
	6	980	8	19.4	86	0.73	6	1.5	1.8
YD180M	8	930	7.5	21.9	84	0.62	5	1.5	1.8
	6	980	10	24.2	86	0.73	6	1.5	1.8
YD180L	8	730	9	24.8	85	0.65	5	1.5	1.8
	6	980	12	28.3	86	0.75	6	1.5	1.8
YD200L1	8	730	12	32.5	86	0.65	5	1.5	1.8
	6	980	17	39.1	87	0.76	6	1.5	1.8
YD200L2	8	730	15	40.3	87	0.65	5	1.5	1.8
	6	980	20	45.4	88	0.76	6	1.5	1.8
YD100L	6/4/2	940/1420/ 2880	0.75/1.3/1.8	2.62/3.66/ 4.53	67/72/71	0.65/0.75/ 0.85	5.5/6/7	1.8/1.6/1.6	1.8/1.8/1.8
YD112M	6/4/2	940/1440/ 2890	1.1/2/2.4	3.52/5.14/ 5.80	73/74/74	0.65/0.81/ 0.85	5.5/6/7	1.7/1.4/1.6	1.8/1.8/1.8
YD132S	6/4/2	940/1440/ 2900	1.8/2.6/3	5.14/6.10/ 7.38	75/78/71	0.71/0.83/ 0.87	5.5/6/7	1.4/1.3/1.7	1.8/1.8/1.8
YD132M1	6/4/2	940/1440/ 2900	2.2/3.3/4	6.03/7.46/ 8.79	77/80/76	0.72/0.84/ 0.91	5.5/6/7	1.3/1.3/1.7	1.8/1.8/1.8
YD132M2	6/4/2	940/1440/ 2900	2.6/4/5	6.86/9.04/ 10.8	80/80/77	0.72/0.84/ 0.91	5.5/6/7	1.5/1.4/1.7	1.8/1.8/1.8
YD160M	6/4/2	940/1440/ 2900	3.7/5/6	9.52/11.2/ 13.2	81/81/76	0.72/0.84/ 0.91	5.5/6/7	1.5/1.3/1.4	1.8/1.8/1.8
YD160L	6/4/2	970/1490/ 2930	4.5/7/9	11.4/15.1/ 18.8	83/83/79	0.72/0.85/ 0.92	5.5/6/7	1.5/1.2/1.3	1.8/1.8/1.8
YD112M	6/4/2	910/1460/ 2930	0.65/2/2.4	2.66/5.14/ 5.80	59/74/74	0.63/0.81/ 0.85	4.5/6/7	1.4/1.3/1.2	1.8/1.8/1.8
YD132S	8/4/2	710/1440/ 2900	1/2.6/3	3.16/6.10/ 7.08	69/78/74	0.61/0.83/ 0.87	4.5/6/7	1.4/1.2/1.4	1.8/1.8/1.8
YD132M	8/4/2	710/1440/ 2900	1.3/3.7/4.5	4.56/8.37/ 10.0	71/80/75	0.61/0.84/ 0.91	4.5/6/7	1.5/1.3/1.4	1.8/1.8/1.8
YD160M	8/4/2	710/1440/ 2900	2.2/5/6	7.55/11.2/ 13.2	75/81/76	0.59/0.84/ 0.91	4.5/6/7	1.4/1.3/1.4	1.8/1.8/1.8
YD160L	8/4/2	720/1460/ 2930	2.8/7/9	9.21/15.10/ 18.80	77/83/79	0.60/0.85/ 0.92	5.5/6.5/7	1.3/1.2/1.3	1.8/1.8/1.8
YD112M	8/4/2	710/940/ 1400	0.85/1/1.5	3.72/3.06/ 3.53	62/68/75	0.56/0.73/ 0.86	5.5/6.5/7	1.4/1.2/1.4	1.8/1.8/1.8
YD132S	8/6/4	710/940/ 1440	1.1/1.5/1.8	4.10/4.22/ 4.03	68/74/78	0.60/0.73/ 0.87	5.5/6.5/7	1.4/1.3/1.3	1.8/1.8/1.8
YD132M1	8/6/4	710/940/ 1440	1.5/2/2.2	5.18/5.41/ 4.87	71/77/79	0.62/0.73/ 0.87	5.5/6.5/7	1.3/1.5/1.4	1.8/1.8/1.8
YD132M2	8/6/4	710/940/ 1440	1.8/2.6/3	6.13/6.84/ 6.55	72/78/80	0.62/0.74/ 0.87	5.5/6.5/7	1.5/1.5/1.5	1.8/1.8/1.8
YD160M	8/6/4	720/970/ 1460	3.3/4/5.5	10.2/9.87/ 11.6	79/81/83	0.62/0.76/ 0.87	5.5/6.5/7	1.7/1.4/1.5	1.8/1.8/1.8
YD160L	8/6/4	720/970/ 1460	4.5/6/7.5	13.8/14.5/ 15.6	80/83/84	0.62/0.76/ 0.87	5.5/6.5/7	1.6/1.6/1.5	1.8/1.8/1.8



YDT系列变极多速三相异步电动机

YDT SERLES THREE–PHASE CONSEQUENT–POLES
ASYNCHRONOUS MOTOR



型号标志 TYPE DEFINGNATIONS

Y 异步电动机 (ASYNCHRONOUS MOTOR)
D 多速 (SPEED)
T 风机、泵类接载 (LOAD OF FANBLOWERS OR PUMPS)
250 机座中心高 (FRAME SIZE)
M 机座代号 (S-短、M-中、L-长) FRAME NO. (S-SHORT、M-MEDIUM、L-LONG)
-6/8 极数 (POLES)

YDT系列电机专为风机、泵类负载配套用变极多速三相异步电动机，是Y系列电机的派生产品。
该系列电机设计新颖，按风机、泵类负载为二次方递减转矩特性：电机功率与转速三次方成正比，转矩与转速的平方成正比关系，根据转速配套要求，合理匹配相应的功率，从而节省大量的能源，堪称风机负载类型的理想动力。广泛运用于冶金、矿山、纺织、印染、化工、轻工、建筑及民用设施等部门。
YDT系列电机安装尺寸与Y系列电机相同，防护等级为IP44。具有高效、节能、噪音低、振动小、绝缘性能好、运行可靠、维修方便等优点。
YDT系列电机符合国际IEC标准，主要技术指标达到国内外同类产品的先进水平。
本公司YDT系列电机按JB/T8681-1998标准生产。

INTRODUCTION

Among Series YDT motors ,the pole-and speed-changing 3-phase asynchronousmotor specially matched for the load of fanblowers or pumps is an outgrowth fromseries Y motors
The series motors are novel in design their rotational speed will decrease by deg-rees of quadratic relation with the increase in the load of fanblowers or pumps ,their torque properties: the power of motor is directly proportional to the quadrate of rotational speed Due to it that they can reasonably match the corresponding power according to the complemental requirement of rotational speed,they can save a lot of energy, therefore may be rated as an ideal dynamic force for the fanblowers of load type they are widely used in metallurgy,mining,textile,dyeing,chemical industry,light industry,architecture,civil facilities and other departments
The installing sizes for Series YDT motors are the same as those for Series Y motors.The protection rank is IP 44.And they have the virtues of high efficiency,saving energy,low noise, little vibration,fine isolation reliable operation easy maintenance,etc.
Series YDT motors conform to the international standards of IEC,Their main qualifications have reached the advanced standard among the same products both at home and abroad
This CCompany produces series YDT motors strictly according to the atandards of JB/T8681-1998.



YDT系列变极多速三相异步电动机

YDT SERLES THREE-PHASE CONSEQUENT-POLES
ASYNCHRONOUS MOTOR



YDT系列变极多速三相异步电动机

YDT SERLES THREE-PHASE CONSEQUENT-POLES
ASYNCHRONOUS MOTOR

使用条件 SERICE CONDITION

- 1、环境温度：随季节而变化，但不超过40℃。
- 2、海拔：不超过1000米。
- 3、额定频率为50赫兹。
- 4、额定电压380伏。
- 5、工作方法：连续（S1）
- 6、起动方式：满压直接起动。

- 1、Ambient temperature:to be altered with the change of seasons but do not exceed40℃
- 2、Altitude:to be used lower than 1,000 meters above sea level.
- 3、Rated frenquency:50HZ
- 4、Rated voltage;380V
- 5、Duty:continuous(s1)
- 6、Metod of starting:can be started directly on full voltage for all sizes of motors.

引出线标志 (DESIGNATION FOR LEADING -OUT WIRE)

高速 HIGH SPEED	中速 MIDDLE SPEED	低速 LOW SPEED	适合类型号(极数) APPLICABLE TYPE (POLE NUMBERS)
380V ○W ₂ ○U ₂ ○V ₂ ○U ₁ ○V ₁ ○W ₁		380V ○W ₂ ○U ₂ ○V ₂ ○U ₁ ○V ₁ ○W ₁	6/8 4/6
U ₁ V ₁ W ₁ ○ ○ ○ ○U ₂ ○V ₂ ○W ₂		○U ₁ ○V ₁ ○W ₁ ○U ₂ ○V ₂ ○W ₂	2/4 4/8
U ₁ V ₁ W ₁ ○ ○ ○ ○U ₂ ○V ₂ ○W ₂ ○U ₃ ○V ₃ ○W ₃	○U ₃ ○V ₃ ○W ₃ ○U ₁ ○V ₁ ○W ₁ ○U ₂ ○V ₂ ○W ₂	○U ₃ ○V ₃ ○W ₃ ○U ₂ ○V ₂ ○W ₂ ○U ₁ ○V ₁ ○W ₁	4/6/8

接法及出线端子 COMPANION FLANGE AND LEADING-OUT TERMINAL

速比VELOCITY RATIO	同步转速SYNCHRONOUS SPEED				
	1500/1000	1000/750	3000/1500	1500/750	1500/1000/750
接法CONNECTION	Y/Y	Y/Y	2Y/Y	2Y/Y	2Y/Y/Y
出线端子TERMINAL	6	6	6	6	9

技术数据 TECHNICAL DATA

型号 Type	功率 Output(KW)	电流 Current (A)	转速 Speed (r/min)	效率 Efficiency (%)	功率因数 powerFactor (COSΦ)	噪音 Noiselve DB (A)	堵转转矩 Locked Torque 额定转矩 Rated Torque	堵转电流 Locked Currrend 额定电流 Rated Currrend
YDT80M ₁ -2/4	0.75/0.17	1.9/0.7	2850/1410	68.0/58.0	0.82/0.60		2.0/1.4	7.5/5.5
YDT80M ₂ -2/4	0.95/0.25	2.4/0.9	2850/1410	70.0/64.0	0.81/0.65	79	2.0/1.4	7.5/5.5
YDT90S-2/4	1.40/0.30	3.5/0.9	2810/1430	71.0/70.0	0.82/0.72		2.0/1.4	7.5/5.5
YDT90L-2/4	1.90/0.40	4.3/1.1	2810/1430	75.0/72.0	0.86/0.73	83	2.0/1.4	7.5/5.5
YDT100L ₁ -2/4	2.50/0.65	5.3/1.8	2890/1420	82.0/74.0	0.87/0.72		2.0/1.4	7.5/5.5
YDT100L ₂ -2/4	3.10/0.80	6.4/2.2	2890/1420	82.0/76.0	0.87/0.72	87	2.0/1.4	7.5/5.5
YDT112M-2/4	4.40/1.10	9.2/2.5	2875/1440	82.0/80.0	0.88/0.74		2.0/1.4	7.5/5.5
YDT132S-2/4	5.90/1.40	11.7/3.5	2910/1450	83.0/80.0	0.91/0.74		1.9/1.3	7.5/5.5
YDT132M-2/4	8.00/2.00	15.3/4.7	2910/1450	85.0/83.0	0.91/0.77	91	1.9/1.3	7.5/5.5
YDT160M-2/4	12.50/2.80	24.1/6.6	2930/1460	86.0/85.0	0.91/0.75		1.9/1.3	7.5/5.5
YDT160L-2/4	16.50/3.80	31.0/8.7	2930/1460	87.0/86.0	0.91/0.76	95	1.9/1.3	7.5/5.5
YDT90S-4/6	1.10/0.32	2.9/1.1	1400/930	70.0/63.0	0.78/0.66		1.8/1.6	7.0/6.0
YDT90L-4/6	1.40/0.45	3.5/1.5	1400/930	72.0/68.0	0.81/0.66	75	1.8/1.6	7.0/6.0
YDT100L ₁ -4/6	2.20/0.70	5.3/2.2	1430/945	80.0/73.0	0.79/0.66		1.8/1.6	7.0/6.0
YDT100L ₂ -4/6	2.50/0.90	6.0/2.9	1430/945	81.0/74.0	0.78/0.67	78	1.8/1.6	7.0/6.0
YDT112M-4/6	3.20/1.10	7.1/3.1	1440/955	82.0/78.0	0.82/0.68		1.8/1.6	7.0/6.0
YDT132S-4/6	4.70/1.50	10.0/4.1	1450/970	84.0/81.0	0.83/0.68	82	1.8/1.6	7.0/6.0
YDT132M-4/6	6.70/2.20	13.8/5.7	1450/970	85.0/83.0	0.85/0.69		1.8/1.6	7.0/6.0
YDT160M-4/6	9.50/3.10	19.3/8.0	1455/975	87.0/83.0	0.84/0.69		1.8/1.6	7.5/7.0
YDT160L-4/6	12.00/4.00	24.4/10.0	1455/975	88.0/83.0	0.84/0.69	86	1.8/1.6	7.5/7.0
YDT180M-4/6	15.50/5.10	29.0/11.5	1460/980	87.0/81.0	0.84/0.72		1.5/1.5	7.5/7.0
YDT180L-4/6	18.50/6.20	34.3/13.9	1460/980	87.0/81.0	0.85/0.74	90	1.5/1.5	7.5/7.0
YDT200L-4/6	26.00/8.70	48.2/19.1	1465/980	88.0/83.0	0.85/0.77		1.5/1.5	7.5/7.0
YDT225S-4/6	33.00/11.00	60.7/24.2	1470/980	89.0/84.0	0.86/0.84	92	1.5/1.5	7.5/7.0
YDT225M-4/6	39.00/13.00	71.3/27.3	1470/980	90.0/85.0	0.86/0.85		1.5/1.5	7.5/7.0
YDT250M-4/6	47.00/16.00	84.2/32.3	1475/985	90.0/85.0	0.89/0.87		1.5/1.5	7.5/7.0
YDT280S-4/6	55.00/18.50	99.6/37.3	1480/985	90.0/85.0	0.88/0.86	94	1.5/1.5	7.5/7.0
YDT280M ₁ -4/6	70.00/25.00	125.0/48.4	1480/985	91.0/87.0	0.88/0.87		1.5/1.5	7.5/7.0
YDT280M ₂ -4/6	84.00/28.00	150.6/54.8	1480/985	91.0/87.0	0.88/0.87	98	1.5/1.5	7.5/7.0
YDT315S-4/6	95.00/32.00	177.4/65.3	1485/985	91.0/89.0	0.86/0.79		1.5/1.5	7.5/7.0
YDT315M-4/6	115.00/38.00	217.5/77.9	1485/985	92.0/90.0	0.86/0.78		1.5/1.5	7.5/7.0
YDT315L ₁ -4/6	135.00/45.00	260.0/90.5	1485/985	92.0/90.0	0.86/0.80	100	1.5/1.5	7.5/7.0
YDT315L ₂ -4/6	160.00/55.00	294.0/113.4	1485/985	93.0/91.0	0.86/0.80		1.5/1.5	7.5/7.0
YDT90S-4/8	1.00/0.22	2.5/1.0	1400/670	70.0/55.0	0.82/0.62		1.9/1.5	7.0/5.0
YDT90L-4/8	1.30/0.30	3.1/1.2	1400/670	72.0/58.0	0.82/0.63	75	1.9/1.5	7.0/5.0
YDT100L ₁ -4/8	2.00/0.55	4.7/2.1	1420/690	80.0/65.0	0.80/0.61		1.9/1.5	7.0/5.0
YDT100L ₂ -4/8	2.40/0.65	5.5/2.4	1420/690	80.0/66.0	0.81/0.61	78	1.9/1.5	7.0/5.0
YDT112M-4/8	3.20/0.90	7.4/3.3	1440/700	83.0/71.0	0.78/0.59		1.9/1.5	7.0/5.0
YDT132S-4/8	4.50/1.10	9.7/3.7	1450/715	84.0/75.0	0.82/0.59	82	2.0/1.2	7.0/5.0
YDT132M-4/8	6.30/1.50	13.2/4.9	1450/715	85.0/78.0	0.83/0.59		2.0/1.2	7.0/5.0
YDT160M-4/8	8.90/2.00	18.2/5.4	1440/720	85.0/82.0	0.85/0.67		2.0/1.2	7.0/5.0
YDT160L-4/8	12.00/2.70	23.5/6.9	1440/720	86.0/84.0	0.86/0.67	86	2.0/1.2	7.0/5.0

技术数据 TECHNICAL DATA

型号 Type	功率 Output(KW)	电流 Current (A)	转速 Speed (r/min)	效率 Efficiency (%)	功率因数 powerFactor (COSΦ)	噪音 Noiseleve DB (A)	堵转转矩 Locked Torque 额定转矩 Rated Torque	堵转电流 Locked Currrend 额定电流 Rated Currrend
YDT180M-4/8	16.00/4.00	31.8/10.9	1470/725	88.0/84.0	0.85/0.65	90	2.0/1.2	7.0/5.0
YDT180L-4/8	19.50/5.00	38.6/13.4	1470/725	89.0/85.0	0.85/0.66		2.0/1.2	7.0/5.0
YDT200L-4/8	29.00/7.50	56.8/19.6	1475/730	90.0/87.0	0.85/0.66	92	2.0/1.2	7.0/5.0
YDT225M-4/8	40.00/9.50	74.6/25.5	1475/735	91.0/88.0	0.88/0.64	94	2.0/1.3	7.5/5.0
YDT250M-4/8	52.00/14.50	97.3/37.0	1480/735	91.0/88.0	0.87/0.66		2.0/1.3	7.5/5.0
YDT280S-4/8	65.00/17.00	122.8/41.8	1485/735	91.0/89.0	0.87/0.68	98	2.0/1.3	7.5/5.0
YDT280M-4/8	75.00/18.50	137.4/43.9	1485/740	91.0/90.0	0.88/0.70		2.0/1.3	7.5/5.0
YDT315S-4/8	92.00/25.00	174.8/58.7	1485/740	91.0/90.0	0.86/0.70		2.0/1.3	7.5/5.0
YDT315M-4/8	110.00/30.00	208.3/70.1	1485/740	92.0/91.0	0.86/0.70	100	2.0/1.3	7.5/5.0
YDT315L ₂ -4/8	135.00/36.00	253.3/84.0	1485/740	92.0/91.0	0.87/0.70		2.0/1.3	7.5/5.0
YDT315L ₁ -4/8	155.00/41.00	288.0/94.7	1485/740	92.0/91.0	0.87/0.71		2.0/1.3	7.5/5.0
YDT90S-6/8	0.65/0.25	2.3/1.3	930/700	65.0/52.0	0.63/0.85		1.8/1.6	7.0/6.0
YDT90L-6/8	0.80/0.35	2.9/1.6	930/700	67.0/56.0	0.62/0.58		1.8/1.6	7.0/6.0
YDT100L ₁ -6/8	1.30/0.55	4.1/2.3	950/700	71.0/62.0	0.66/0.58	73	1.8/1.6	7.0/6.0
YDT100L ₂ -6/8	1.60/0.75	3.2/2.9	950/700	74.0/66.0	0.67/0.59		1.8/1.6	7.0/6.0
YDT112M-6/8	2.20/0.90	6.0/3.4	950/705	74.0/67.0	0.68/0.69	75	1.8/1.6	7.0/6.0
YDT132S-6/8	2.60/1.20	6.9/4.1	960/720	79.0/73.0	0.71/0.60		1.8/1.6	7.0/6.0
YDT132M ₁ -6/8	3.30/1.60	8.0/5.3	960/720	80.0/76.0	0.76/0.60	79	1.8/1.6	7.0/6.0
YDT132M ₂ -6/8	4.50/2.20	11.0/7.1	960/720	82.0/77.0	0.75/0.60		1.8/1.6	7.0/6.0
YDT160M-6/8	6.50/3.20	14.9/9.5	970/725	84.0/80.0	0.76/0.61		1.8/1.6	7.0/6.0
YDT160L-6/8	9.00/4.50	20.3/13.0	970/725	86.0/82.0	0.77/0.62	83	1.8/1.6	7.0/6.0
YDT180L-6/8	13.00/6.50	26.0/15.1	970/725	86.0/81.0	0.77/0.65	86	1.5/1.5	7.0/6.0
YDT200L ₁ -6/8	17.00/8.50	35.5/20.6	970/730	87.0/82.0	0.80/0.66		1.5/1.5	7.0/6.0
YDT200L ₂ -6/8	22.00/11.00	44.3/27.8	970/730	88.0/83.0	0.80/0.68	88	1.5/1.5	7.0/6.0
YDT225M-6/8	30.00/15.00	62.3/32.2	980/730	89.0/87.0	0.83/0.78		1.5/1.5	7.0/6.0
YDT250M-6/8	37.00/18.00	72.1/38.5	980/735	90.0/87.0	0.86/0.80	92	1.5/1.5	7.0/6.0
YDT280S-6/8	45.00/22.00	86.8/46.2	985/735	90.0/88.0	0.86/0.81		1.5/1.5	7.0/6.0
YDT280M ₁ -6/8	55.00/28.00	104.7/57.2	985/735	91.0/89.0	0.82/0.81	96	1.5/1.5	7.0/6.0
YDT280M ₂ -6/8	65.00/32.00	122.0/66.6	985/735	91.0/89.0	0.82/0.81		1.5/1.5	7.0/6.0
YDT315S-6/8	75.00/37.00	145.1/40.4	985/735	91.0/90.0	0.84/0.78		1.5/1.5	7.0/6.0
YDT315M-6/8	90.00/45.00	171.6/90.4	985/735	92.0/91.0	0.85/0.82	100	1.5/1.5	7.0/6.0
YDT315L ₁ -6/8	110.00/55.00	209.5/115.7	985/735	92.0/91.0	0.85/0.78		1.5/1.5	7.0/6.0
YDT315L ₂ -6/8	132.00/66.00	252.0/137.4	985/735	92.0/91.0	0.85/0.78		1.5/1.5	7.0/6.0
YDT112M-4/6/8	2.30/0.80/0.60	5.9/3.2/2.7	1455/960/7.5	79.0/65.0/61.0	0.73/0.57/0.53		2.0/1.7/1.3	7.5/6.5/4.0
YDT132S-4/6/8	3.10/1.10/0.80	7.1/3.9/3.1	1460/970/720	81.0/71.0/68.0	0.79/0.60/0.57	82	2.0/1.7/1.3	7.5/6.5/4.0
YDT132M-4/6/8	4.50/1.50/1.10	9.8/4.7/3.9	1460/970/720	83.0/74.0/72.0	0.82/0.65/0.57		2.0/1.7/1.3	7.5/6.5/4.0
YDT160M-4/6/8	7.50/2.60/1.50	16.0/7.3/4.8	1460/980/730	84.0/79.0/79.0	0.82/0.67/0.58		1.8/1.6/0.95	7.5/6.5/4.0
YDT160L-4/6/8	10.20/3.50/2.0	20.6/9.5/6.0	1460/980/730	86.0/81.0/81.0	0.85/0.68/0.60	86	1.8/1.6/0.95	7.5/6.5/4.0
YDT180M-4/6/8	13.00/4.50/2.60	24.2/10.6/7.7	1460/980/730	86.0/80.0/80.0	0.90/0.80/0.63		1.8/1.6/0.95	8.0/7.5/5.5
YDT180L-4/6/8	16.00/6.00/3.30	29.6/13.6/9.7	1460/980/730	87.0/81.0/81.0	0.90/0.81/0.63	90	1.8/1.6/0.95	8.0/7.5/5.5
YDT200L-4/6/8	22.00/8.00/4.50	40.6/17.8/13.2	1460/980/730	87.1/82.0/82.0	0.90/0.82/0.62		1.8/1.6/0.95	8.0/7.5/5.5
YDT22								



YVF2系列变频调速三相异步电动机
YVF2 series three-phase frequency controlled asynchronous motor



YVF₂ 系列变频调速三相异步电动机调速范围广。它与变频调速装置配套使用，构成交流变频无级调速系统。在5-50Hz范围内作恒转矩变频调速运行，在50-100Hz 范围内作恒功率变频调速运行，运行平稳，无转矩脉动现象，起动转矩大，起动电流小。电动机的安装形式及安装尺寸均与同容量的Y系列三相异步电动机一致。装有独立的冷却风扇装置，电机运行在不同转速下均有较好的冷却效果。

Introduce:

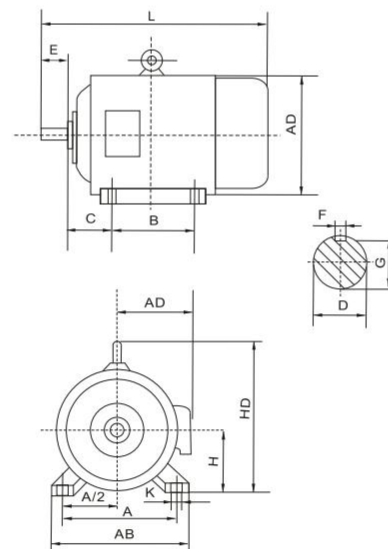
YVF₂ series three-phase frequency controlled asynchronous motor possesses a wide range of speed regulation. it can match with a variety of converter to comprise an A.C sleepless adjustable frequency driving system. At low speed(5~50Hz), this motor can run smoothly under constant torque without torque oscillation, and has a larger starting torque and a smaller starting current and delivers constant output power at high speed (50~100Hz).Its mounting arrangements and mounting dimensions are all according to Y series three-phase asynchronous motor. As cooling fan in built in so under different speeds the cooling effects is good.

4极 (4 poles)

型号 Model	标准功率 Nominal Capacity kw	标准电流 Nominal Current A	额定转矩 Rated Torque N.m
YVF2 801-4	0.55	1.8	3.5
YVF2 802-4	0.75	2.3	4.7
YVF2 90S-2	1.1	3	7
YVF2 90L-4	1.5	4.1	9.8
YVF2 100L1-4	2.2	5.5	14
YVF2 100L2-4	3	7.5	19
YVF2 112M-4	4	9.6	25
YVF2 132S-4	5.5	12.7	35
YVF2 132M-4	7.5	17	47.5
YVF2 160M-4	11	24.8	70
YVF2 160L-4	15	33	95
YVF2 180M-4	18.5	37.7	117.5
YVF2 180L-4	22	44.5	140
YVF2 200L-4	30	59.6	190
YVF2 225S-4	37	73.2	235
YVF2 225M-4	45	88.4	286
YVF2 250M-4	55	107.5	350
YVF2 280S-4	75	146.6	477
YVF2 280M-4	90	172.5	572.5

6极 (6 poles)

型号 Model	标准功率 Nominal Capacity kw	标准电流 Nominal Current A	额定转矩 Rated Torque N.m
YVF2 90S-6	0.75	2.5	7
YVF2 90L-6	1.1	3.5	10.5
YVF2 100L-6	1.5	4.4	14
YVF2 112M-6	2.2	6.1	21
YVF2 132S-6	3	7.9	28.5
YVF2 132M1-6	4	10.3	37.5
YVF2 132M2-6	5.5	13.8	52.5
YVF2 160M-6	7.5	18.7	71
YVF2 160L-6	11	27	105
YVF2 180L-6	15	34.6	142.5
YVF2 200L1-6	18.5	39.6	176
YVF2 200L2-6	22	46.8	210
YVF2 225M-6	30	62.5	285.5
YVF2 250M-6	37	75.6	352.5
YVF2 280S-6	45	89.6	429
YVF2 280M-6	55	110	525
-	-	-	-
-	-	-	-

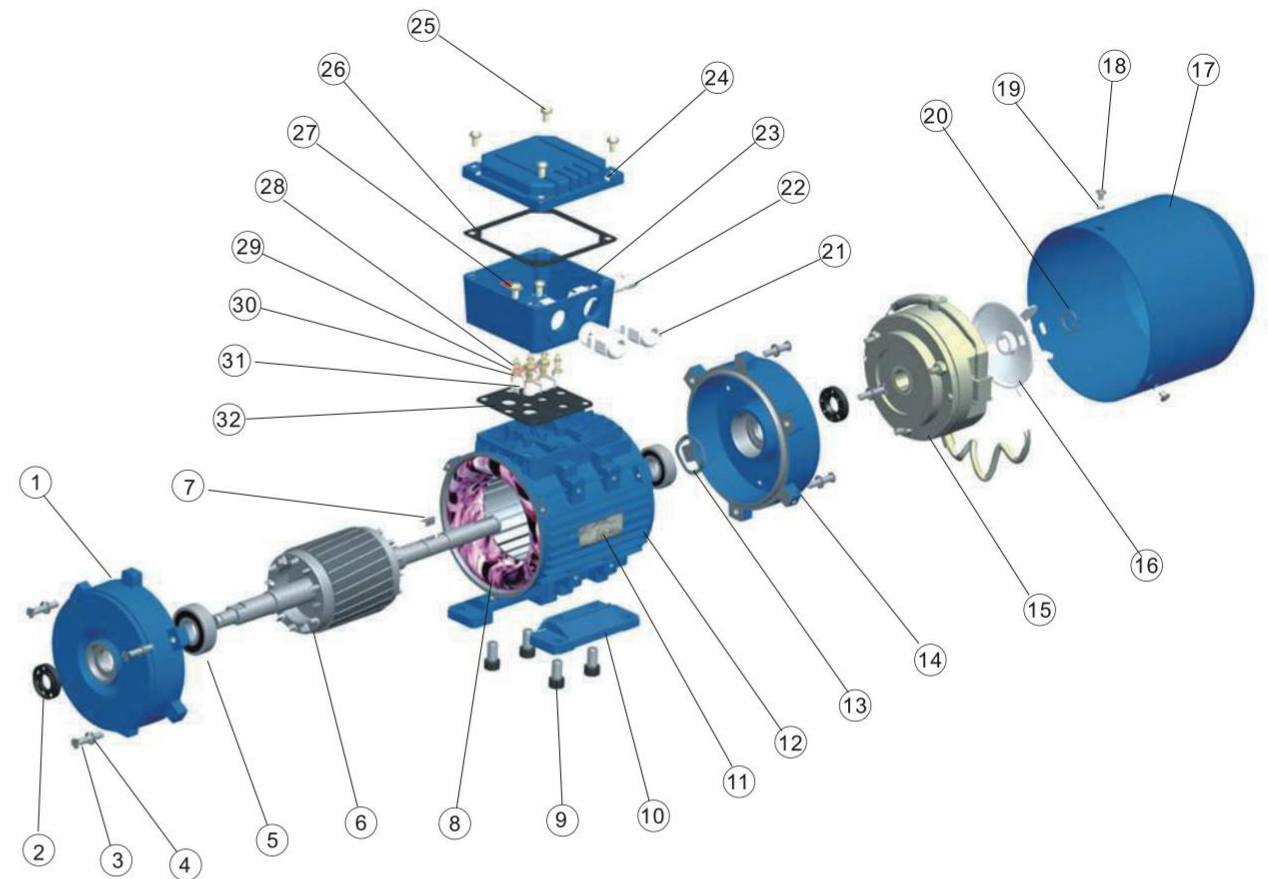


外形及按装尺寸 Outline and mounting dimensions

机座号 Frame Number	极数 Poles	安装尺寸 Mounting Dimensions										外形尺寸 Overall Dimensions				
		A	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L	
YVF2 80	4	125		50	19	40	6	15.5	80		165	175	150	175	370	
YVF2 90S	4.6		100							10					385	
YVF2 90L		140	125	56	24	50		20	90		180	195	160	195	410	
YVF2 100L		160		63			8		100		205	215	180	245	465	
YVF2 112M		190	140	70	28	60		24	112	12	245	240	190	265	470	
YVF2 132S															535	
YVF2 132M		216	178	89	38	80	10	33	132		280	275	210	315	575	
YVF2 160M			210												665	
YVF2 160L	4.6	254	254	108	42		12	37	160		330	355	265	385	710	
YVF2 180M			241			110				15					750	
YVF2 180L		279	279	121	48		14	42.5	180		355	380	285	430	790	
YVF2 200L		318	305	133	55		16	49	200		395	420	315	475	850	
YVF2 225S	4		286		60		18	53		19					895	
YVF2 225M	4.6	356	311	149	60			53	225		435	475	345	530	920	
YVF2 250M	4.6	406	349	168	65	140	18	58	250		490	515	385	575	1005	
YVF2 280S	4.6		368		75		20	67.5		24					1120	
YVF2 280M	4.6	457	419	190	75		20	67.5	280		550	580	410	640	1170	



YEJ系列电磁三相异步电动机
YEJ series electromagnetic brake three- phase
asynchronous electromotor



- 1.前端盖(Front endshield)
- 2.密封圈(V Ring)Oil seal
- 3.螺栓(Bolt)
- 4.弹簧垫圈(Spring washer)
- 5.轴承(Bearing)
- 6.转子(Rotor)
- 7.键(Key)
- 8.定子(Stator)
- 9.铝底脚螺栓(Pedstal bolt)
- 10.铝底脚(Pedstal)
- 11.铭牌(Nameplate)
- 12.机座(Frame)

- 13.波形垫圈(Wave form)
- 14.后端盖(Rear endshield)
- 15.刹车器(Brake)
- 16.风叶(Fan)
- 17.风罩(Fan cowl)
- 18.风罩螺丝(Fan cowl Screw)
- 19.垫圈(Washer)
- 20.风叶卡簧(Fanclamp)
- 21.PG
- 22.PG
- 23.接线盒座(Terminal box base)
- 24.接线盒盖(Terminal box lid)

- 25.螺丝(Screw)
- 26.密封垫(Gasket)
- 27.接地标志(Earth mark)
- 28.铜螺帽(Brass washer)
- 29.铜连接片(Brass lug)
- 30.铜垫片(Brass net)
- 31.接线板(Terminal board)
- 32.皮垫(Lrather washer)



YEJ系列电磁三相异步电动机
YEJ series electromagnetic brake three- phase
asynchronous electromotor



YEJ系列电磁三相异步电动机
YEJ series electromagnetic brake three- phase
asynchronous electromotor

YEJ系列制动电动机是全封闭自扇冷式鼠笼型具有附加圆盘型直流制动器的三相异步电动机，它具有制动迅速、结构简单、可靠性高通用性强等优点。此外制动器具有人工释放机构，被广泛应用于各种要求快速停止和准确定位的机械设备和传动装置中。

Introduce

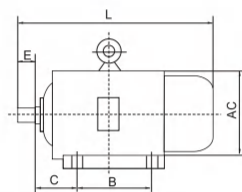
YEJ series three phase squirrel-cage induction motors, are totally enclosed fan-cooled and equipped with D. C. round brake. It have advantages: rapid braking, simple structure, high reliability and wide application, further more, the brake can be controlled by manual releasing. The motors are widely used on mechanical equipment and driving machines where rapid stop and accurate braking are demanded.

使用条件

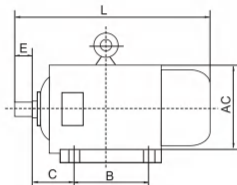
环境温度：-15℃<θ<40℃
海拔：不超过1000m
额定电压：380V
额定频率：50Hz、60Hz
防护等级：IP44、IP54、IP55
绝缘等级：B、F、H级
冷却方式：ICO141
工作方式：连续S1
连接方式：3kw及以下Y、4kw及以上为△
其他：可附带热敏电阻，Y160及以上带注油嘴结构。

Operating Conditions

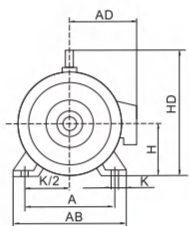
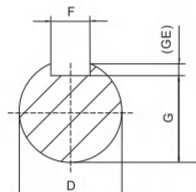
Ambient temperature: -15℃<θ<40℃
Altitude: Not exceeding 1000m
Rated voltage: 380V
Rated frequency: 50Hz、60Hz
Protection class: IP44、IP54、IP55
Insulation class: ClassB、F、H
Cooling method: ICO141 Duty:S1(continuous)
Connection: Star-connection for up to 3kw, delta-connection for 4kw and above
Remark: Motors can be equipped with PTC, for frame size 160 and above, also can be equipped with re-greasing system.



H80-132



H160-200

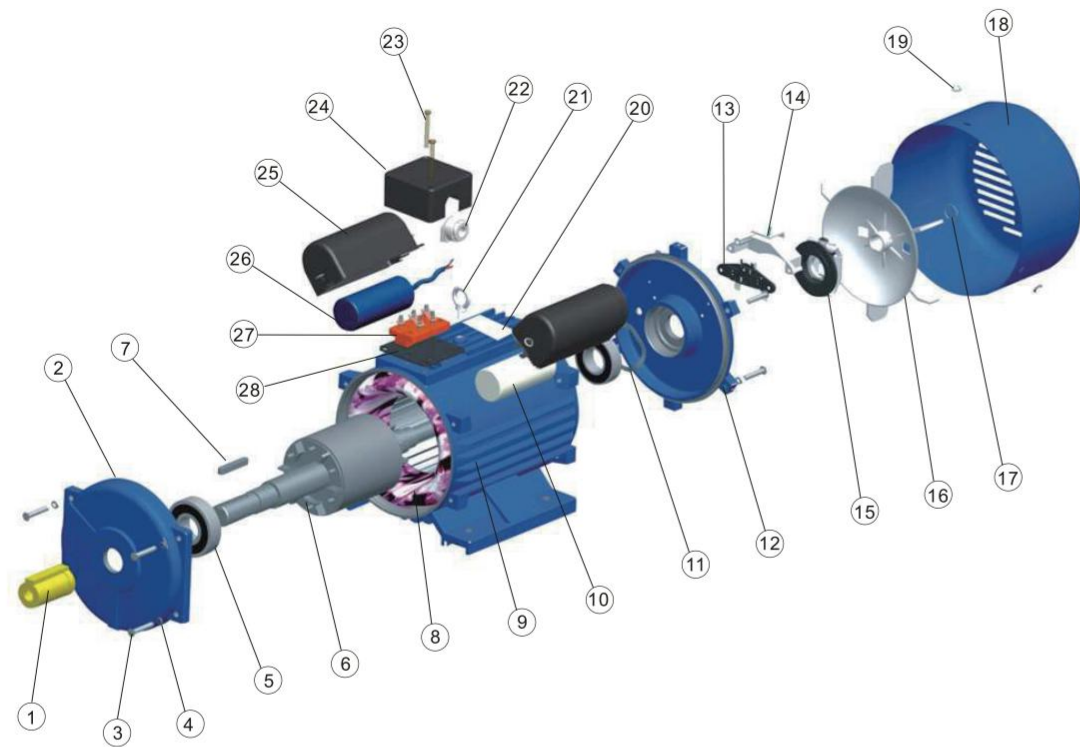


安装尺寸 Overall & Installation Dimensions

Frame No.	安装尺寸 Mounting Dimensions(mm)										外形尺寸 Overall Dimensions(mm)				
	A	B	C	D	E	F	G	H	K		AB	AC	AD	HD	L
80S	125	100	50	19	40	6	15.5	80	10		165	175	150	175	390
90S	140	100	56	24	50	8	20	90	10		180	195	160	195	420
90L	140	125	56	24	50	8	20	90	10		180	195	160	195	445
100L	160	140	63	28	60	8	24	100	12		205	215	180	245	480
112M	190	140	70	28	60	8	24	112	12		245	240	190	265	510
132S	216	140	89	38	80	10	33	132	12		280	275	210	315	585
132M	216	178	89	38	80	10	33	132	12		280	275	210	315	625
160M	254	210	108	42	110	12	37	160	15		330	335	260	385	720
160L	254	254	108	42	110	12	37	160	15		330	335	260	385	765
180M	279	241	121	48	110	14	42.5	180	15		355	380	285	430	825
180L	279	279	121	48	110	14	42.5	180	15		355	380	285	430	875
200L	318	305	133	55	110	16	49	200	19		395	420	315	475	900
225S	365	286	149	60	140	18	53	225	19		435	475	345	530	1000
225M(2极)	356	311	149	55	110	16	49	225	19		435	475	345	530	1000
225M(4、6、8极)	356	311	149	60	140	18	53	225	19		435	475	345	530	1030

技术数据 Technical Data

型号 Type	额定功率 Rated power kW	满载时 Full Load				堵转电流 额定电流 Ist/In	堵转转矩 额定转矩 Tstart/Tn	最大转矩 额定转矩 Tmax/Tn	静制动转矩不小于 N.m Torque of Static Brake Is not Lower than:	励磁电压 U _f V Exciting Voltage	惯量矩 Gd2 kgf m2 Moment of Inertial	空载制动时间 不大于 s Time under No Load Is not higher than:
		转速 Speed (r/min)	电流 Current (A)	效率 Eff (%)	功率因数 Power factor (cosφ)							
YEJ80M1-2	0.75	2825	1.9	75.5	0.84	6.5	2.2	2.3	7.5	100	0.00428	0.20
YEJ80M2-2	1.1	2825	2.6	77.0	0.86	7.0	2.2	2.3	7.5	100	0.0496	0.20
YEJ90S-2	1.5	2840	3.4	78.0	0.85	7.0	2.2	2.3	15	100	0.0074	0.20
YEJ90L-2	2.2	2840	4.7	80.0	0.86	7.0	2.2	2.3	15	100	0.00933	0.20
YEJ100L-2	3.0	2880	6.4	82.0	0.87	7.0	2.2	2.3	30	100	0.01064	0.20
YEJ112M-2	4.0	2890	8.2	85.5	0.87	7.0	2.2	2.3	40	170	0.03199	0.25
YEJ132S1-2	5.5	2900	11.1	85.5	0.88	7.0	2.0	2.3	75	170	0.06434	0.25
YEJ132S2-2	7.5	2900	15.0	86.2	0.88	7.0	2.0	2.3	75	170	0.0724	0.25
YEJ160M1-2	11	2930	21.8	87.2	0.88	7.0	2.0	2.3	150	170	0.22853	0.35
YEJ160M2-2	15	2930	29.4	88.2	0.88	7.0	2.0	2.2	150	170	0.26623	0.35
YEJ160L-2	18.5	2930	35.5	89.0	0.89	7.0	2.0	2.2	200	170	0.316	0.35
YEJ180M-2	22	2940	42.2	89.0	0.89	7.0	2.0	2.2	300	170	0.37637	0.35
YEJ200L1-2	30	2950	56.9	90.0	0.89	7.0	2.0	2.2	300	170	0.739	0.45
YEJ200L2-2	37	2950	69.8	90.5	0.89	7.0	2.0	2.2	350	170	0.8181	0.45
YEJ225M-2	45	2990	83.9	91.5	0.89	7.0	2.0	2.2	450	100	1.269	0.45
YEJ80M1-4	0.55	1390	1.5	73.0	0.76	6.0	2.4	2.3	7.5	100	0.00866	0.20
YEJ80M2-4	0.75	1390	2.1	74.5	0.76	6.0	2.3	2.3	7.5	100	0.01073	0.20
YEJ90S-4	1.1	1400	2.7	78.0	0.78	6.5	2.3	2.3	15	100	0.01132	0.20
YEJ90L-4	1.5	1400	3.7	79.0	0.79	6.5	2.3	2.3	15	100	0.0143	0.20
YEJ100L1-4	2.2	1420	5.0	81.0	0.82	7.0	2.3	2.3	30	100	0.02733	0.20
YEJ100L2-4	3.0	1420	6.8	82.5	0.81	7.0	2.3	2.3	30	100	0.03506	0.20
YEJ112M-4	4.0	1440	8.8	84.5	0.82	7.0	2.2	2.3	40	170	0.04969	0.25
YEJ132S-4	5.5	1440	11.6	85.5	0.84	7.0	2.2	2.3	75	170	0.11584	0.25
YEJ132M-4	7.5	1440	15.4	87.0	0.85	7.0	2.2	2.3	75	170	0.15404	0.25
YEJ160M-4	11	1460	22.6	88.0	0.84	7.0	2.2	2.3	150	170	0.3986	0.35
YEJ160L-4	15	1460	30.3	88.5	0.85	7.0	2.2	2.2	150	170	0.368288	0.35
YEJ180M-4	18.5	1470	35.9	91.0	0.86	7.0	2.0	2.2	200	170	0.6667	0.35
YEJ80L-4	22	1470	42.5	91.5	0.86	7.0	2.0	2.2	200	170	0.7677	0.35
YEJ200L-4	30	1470	56.8	92.5	0.87	7.0	2.0	2.2	300	170	1.3963	0.45
YEJ225S-4	37	1480	69.8	91.8	0.87	7.0	1.9	2.2	450	170	2.158	0.45
YEJ225M-4	45	1480	84.2	92.3	0.88	7.0	1.9	2.2	450	170	2.463	0.45
YEJ90S-6	0.75	910	2.3	72.5	0.70	5.5	2.2	2.0	15	100	0.01514	0.20
YEJ90L-6	1.1	910	3.2	73.5	0.72	6.0	2.2	2.0	15	100	0.01815	0.20
YEJ100L-6	1.5	940	4.0	77.5	0.74	6.0	2.2	2.0	30	100	0.03573	0.20
YEJ112M-6	2.2	940	5.6	80.5	0.74	6.0	2.2	2.0	40	170	0.07639	0.25
YEJ132S-6	3.0	960	7.2	83.0	0.76	6.5	2.2	2.0	75	170	0.15437	0.25
YEJ132M1-6	4.0	960	9.4	84.0	0.77	6.5	2.2	2.0	75	170	0.1906	0.25
YEJ132M2-6	5.5	960	12.6	85.3	0.78	6.5	2.0	2.0	76	170	0.2384	0.25
YEJ160M-6	7.5	970	17.0	86.0	0.78	6.5	2.0	2.0	150	170	0.45813	0.35
YEJ160L-6	11	970	24.6	87.0	0.78	6.5	2.0	2.0	150	170	0.59078	0.35
YEJ180L-6	15	970	31.4	89.5	0.81	6.5	1.8	2.0	200	170	0.9919	0.35
YEJ200L1-6	18.5	970	37.7	89.5	0.83	6.5	1.8	2.0	300	170	0.6609	0.45
YEJ200L2-6	22	970	44.6	90.2	0.83	6.5	1.8	2.0	300	170	1.838	0.45
YEJ225M-6	30	980	59.5	90.2	0.85	6.5	1.7	2.0	450	170	2.639	0.45
YEJ132S-8	2.2	710	5.8	80.5	0.71	5.5	2.0	2.0	75	170	0.15534	0.25
YEJ132M-8	3.0	710	7.7	82.0	0.72	5.5	2.0	2.0	75	170	0.16184	0.25
YEJ160M1-8	4.0	720	9.9	84.0	0.73	6.0	2.0	2.0	150	170	0.37563	0.35
YEJ160M2-8	5.5	720	13.3	85.0	0.74	6.0	2.0	2.0	150	170	0.4714	0.35
YEJ160L-8	7.5	720	17.3	86.0	0.75	5.5	2.0	2.0	150	170	0.60538	0.35
YEJ180L-8	11	730	17.7	87.5	0.77	6.0	1.7	2.0	200	170	0.9636	0.35
YEJ200L-8	15	730	34.1	88.0	0.76	6.0	1.8	2.0	300	170	1.194	0.45
YEJ225S-8	18.5	730	41.3	89.5	0.76	6.0	1.7	2.0	450	170	2.299	0.45
YEJ225M-8	22	730	47.6	90.0	0.78	6.0	1.8	2.0	450	170	2.436	0.45



- | | | |
|------------------------|-----------------------------|-----------------------------|
| 1.轴套(Shaft cover) | 12.后端盖(Rear endshield) | 23.螺丝(Screw) |
| 2.前端盖(Front endshield) | 13.底板(Back lane) | 24.接线盒(Terminal box) |
| 3.螺栓(Bolt) | 14.防护罩(Shield) | 25.薄钢电容套(Capacitor box lid) |
| 4.弹簧垫圈(Spring washer) | 15.离心开关(Centrifugal switch) | 26.电容器(Capacitor)CBB60 |
| 5.轴承(Bearing) | 16.风叶(Fan) | 27.接线板(Terminal board) |
| 6.转子(Rotor) | 17.风叶卡簧(Fan clamp) | 28.皮垫(Leather washer) |
| 7.键(Key) | 18.风罩(Fan cowl) | |
| 8.定子(Stator) | 19.风罩螺丝(Fan cowl Screw) | |
| 9.机座(Frame) | 20.铭牌(Nameplate) | |
| 10.电容器(Capacitor)CD60 | 21.吊环(Eyebolt) | |
| 11.波形垫圈(Wave form) | 22.护套(Jacket) | |

YC系列电动机为全封闭自扇冷式，其安装方式符合国际电工协会(IEC)标准。输出功率3HP及以下采用电容启动，输出功率4HP及以上采用电容启动、运转。该系列电动机采用先进技术、优质材料，具有维护方便、运行可靠、温升低、噪声小、启动电流小，启动转矩大等特点，适用转大等特点，适用于驱动小型车床水泵，对只有单相电源的家庭作坊尤为适用。

Introduce

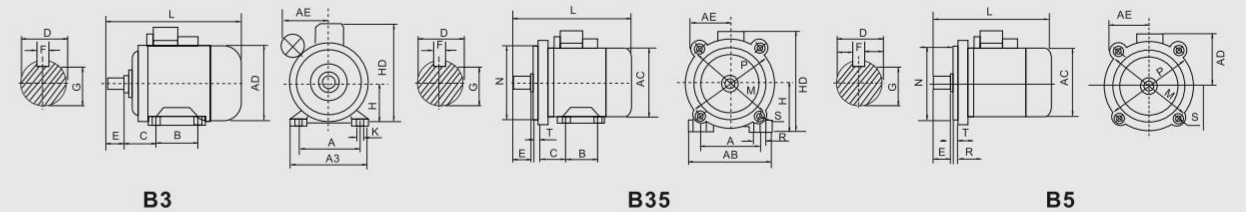
YCseries motors are totally enclosed fan cooled(TEFC)heavy-duty single-phase induction motors. The mounting dimension is fully conformed with IEC standard. When rated output is 3HP or below, motors and of capacitors start, and 4HP or above with capacitor start and run. YC series motors are integrated with up-to-date design, best quality materials construction, and possess the features of pleasant-looking appearance, outstanding performance, easy maintenance. They also concentrate the advantages of high starting torque, smooth turning, low temperature rise, low noise and great overload performance. YC series motors are suitable for powering small type drilling machines and water pumps, especially for family workshops where only single-phase current supply is available.

使用条件

环境温度: $-15^{\circ}\text{C} < \theta < 40^{\circ}\text{C}$
海拔: 不超过1000 m
额定电压: 220V
额定频率: 50Hz、60Hz
防护等级: IP44、IP54
绝缘等级: B、F
冷却方式: ICO141
工作方式: 连续S1

Operating Conditions

Ambient temperature: $-15^{\circ}\text{C} < \theta < 40^{\circ}\text{C}$
Altitude: Not exceeding 1000m
Rated voltage: 220V
Rated frequency: 50Hz/60Hz
Protection class: IP44/IP54
Insulation Class: Class B、F
Cooling method: ICO141
Duty: S1(continuous)

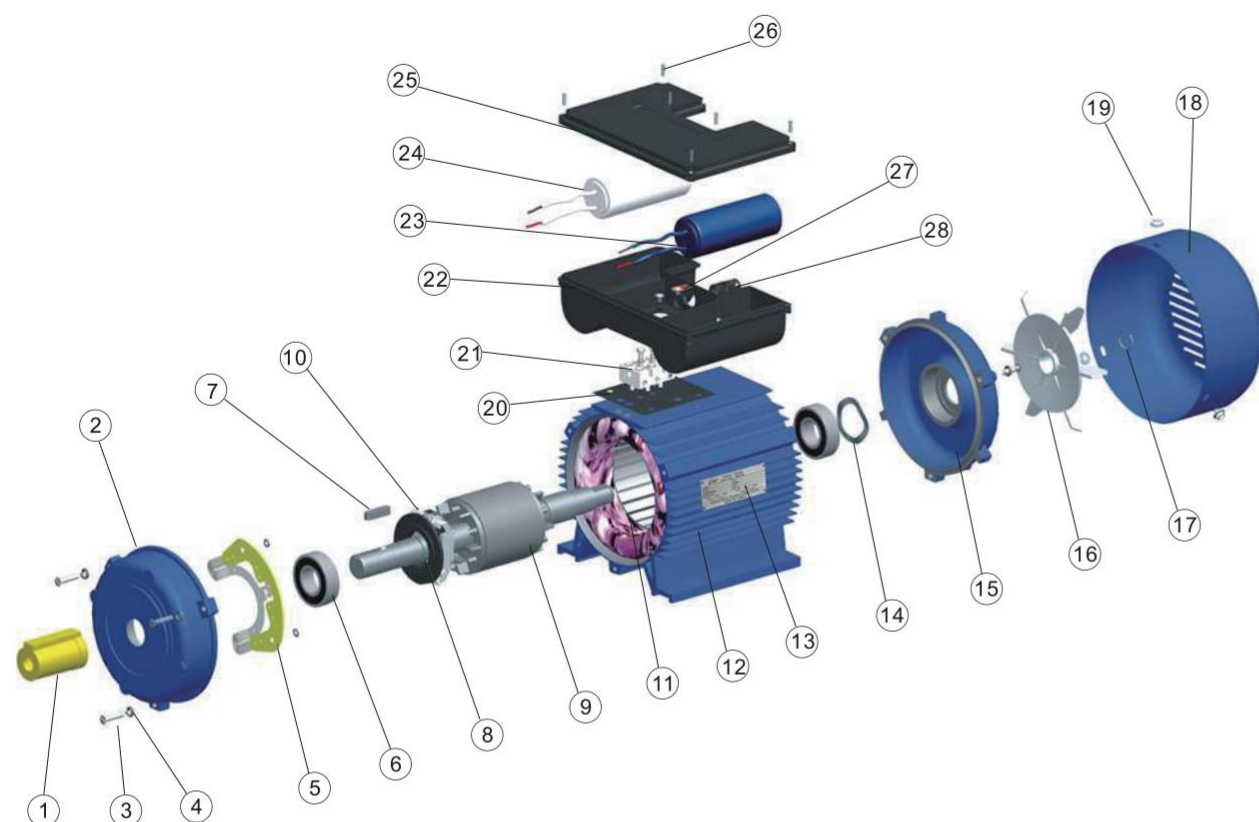


安装尺寸 Overall & Installation Dimensions

Frame No.	Mounting Dimensions(mm)															Overall Dimensions(mm)					
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AE	AD	HD	L
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	160	165	110	120	200	310
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	120	140	240	355
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	120	140	240	385
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4.0	205	220	130	145	260	415
112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4.0	245	250	140	160	300	448
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	262	150	210	350	470
132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	262	150	210	350	553

技术参数 Technical Data

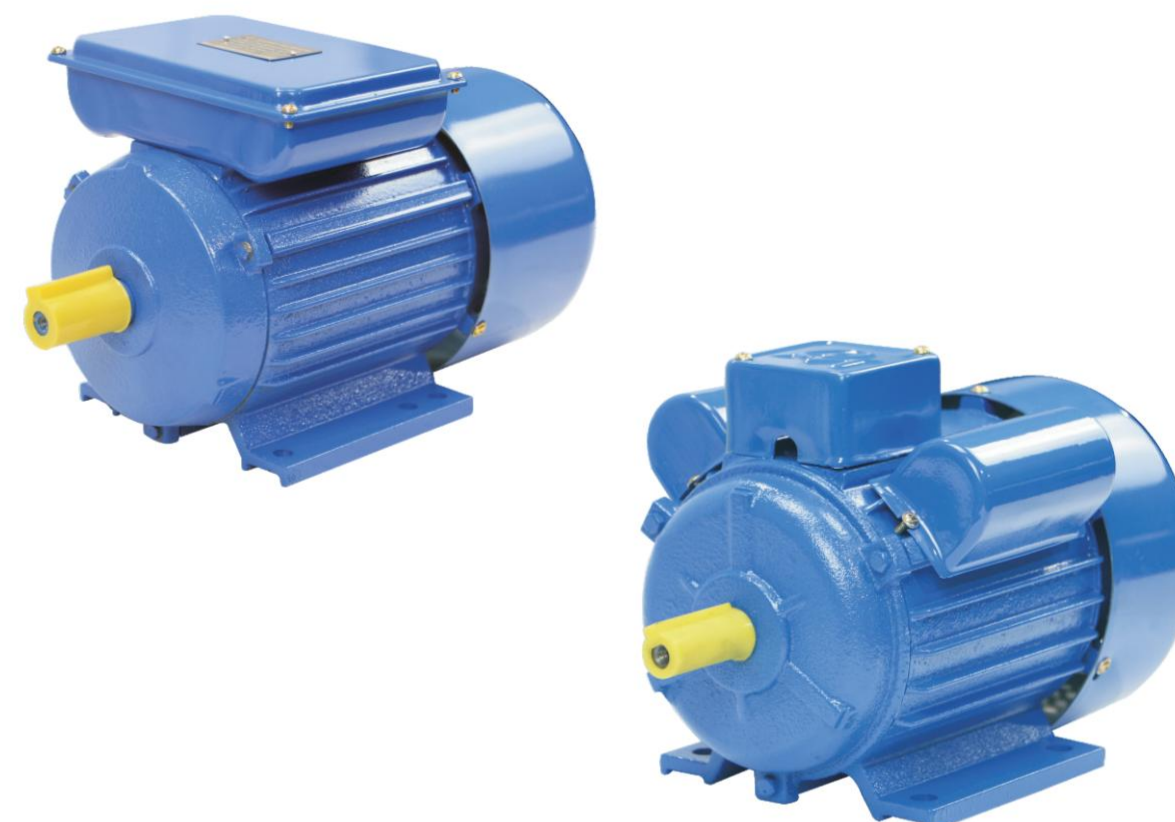
型号 Type	功率Output		电压 Voltage (V)	电流 Current (A)	转速 Speed (r/min)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tstart/Tn	堵转电流 额定电流 Ist/In	最大转矩 额定转矩 Tmax/Tn
	HP	KW								
YC80a-2	1/2	0.37	220	3.7	2880	62	0.73	2.8	6.5	1.8
YC80b-2	3/4	0.55	220	5.3	2880	65	0.73	2.8	6.5	1.8
YC80c-2	1	0.75	220	6.7	2880	68	0.75	2.8	6.5	1.8
YC90S-2	1.5	1.1	220	9.1	2880	71	0.77	2.4	7.0	1.8
YC90L-2	2	1.5	220	12.1	2900	72	0.78	2.4	7.0	1.8
YC100L-2	3	2.2	220	17.1	2900	74	0.79	2.1	7.0	1.8
YC112M1-2	4	3	220	21.4	2900	76	0.84	2.2	7.0	1.8
YC112M2-2	5	3.7	220	24.8	2900	79	0.86	2.2	7.0	1.8
YC80a-4	1/3	0.25	220	3.4	1450	56	0.60	2.8	6	1.8
YC80b-4	1/2	0.37	220	4.5	1450	60	0.62	2.8	6	1.8
YC80c-4	3/4	0.55	220	6.0	1450	64	0.65	2.8	6	1.8
YC90S-4	1	0.75	220	7.7	1450	67	0.66	2.4	6.5	1.8
YC90L-4	1.5	1.1	220	10.5	1450	70	0.68	2.4	6.5	1.8
YC100L-4	2	1.5	220	13.5	1450	72	0.70	2.4	6.5	1.8
YC112M-4	3	2.2	220	19.3	1450	72	0.72	2.2	6.5	1.8
YC132SA-4	4	3	220	25.2	1450	74	0.73	2.1	6.5	1.8
YC132SB-4	5	3.7	220	30	1450	75	0.74	2.1	6.5	1.8
YC132M-4	7.5	5.5	220	32.5	1450	81	0.95	2.1	6.5	1.8



- 1.轴套(Shaft cover)
- 2.前端盖(Front endshield)
- 3.螺栓(Bolt)
- 4.弹簧垫圈(Spring washer)
- 5.离心底板(Centrifugal backplane)
- 6.轴承(Bearing)
- 7.键(Key)
- 8.卡簧(Clamp)
- 9.转子(Rotor)
- 10.离心开关(Centrifugal switch)

- 11.定子(Stator)
- 12.机座(Frame)
- 13.铭牌(Name plate)
- 14.波形垫圈(Wave form)
- 15.后端盖(Rear endshield)
- 16.风叶(Fan)
- 17.风叶卡簧(Fan clamp)
- 18.风罩(Fan cowl)
- 19.风罩螺丝(Fan cowl Screw)
- 20.皮垫(Leather washer)

- 21.接线板(Terminal board)
- 22.电容盒座(Capacitor box base)
- 23.电容器(Capacitor)CBB60
- 24.电容器(Capacitor)CD60
- 25.电容盒盖(Capacitor box lid)
- 26.螺丝(Screw)
- 27.接地标志(Earth mark)
- 28.PG



YL系列单相双值电容异步电动机按照国家标准设计、制造，具有起动和运行性能好、噪音低、体积小、重量轻、维护方便等特点。广泛应用于空气压缩机、水泵、水机、制冷、医疗器械机械及小型机械等。对只有单相电源的场合尤为使用。

Introduce

YL series single phase dual-capacitor induction motor is designed and manufactured in accordance with state standards, with outstanding performance of starting and operation, low noise, compact dimensions, light weight, easy maintenance etc.

These motors are widely used in air compressors, Pumps, fans, refrigeration, medical instruments as well as small machines, etc, especially for occasion where only single-phase power supply is available.

使用条件

环境温度: $-15^{\circ}\text{C} < \theta < 40^{\circ}\text{C}$
海拔: 不超过1000m
额定电压: 220V
额定频率: 50Hz、60Hz
防护等级: IP44、IP54
绝缘等级: B、F
冷却方式: ICO141
工作方式: 连续S1

Operating Conditions

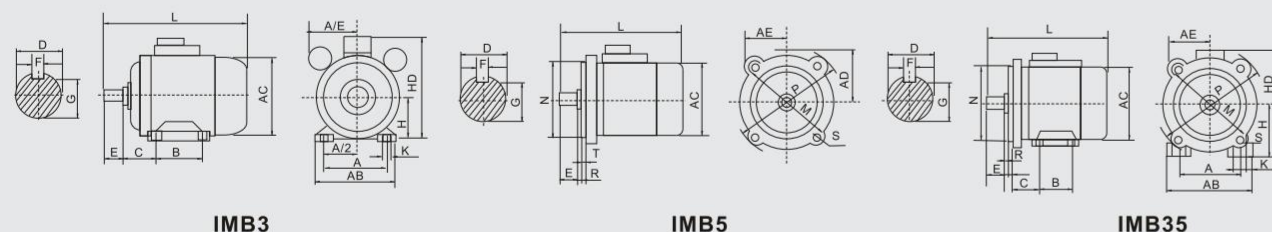
Ambient temperature: $-15^{\circ}\text{C} < \theta < 40^{\circ}\text{C}$
Altitude: Not exceeding 1000m
Rated voltage: 220V
Rated frequency: 50Hz/60Hz
Protection class: IP44/IP54
Insulation Class: Class B、F
Cooling method: ICO141
Duty: S1(continuous)



YL系列单相双值电容异步电动机
YL series single-phase dual-capacitor induction motor



MY/ML(ALU)系列铝壳单相电容运转异步电动机
MY/ML (ALU) series single-phase capacitor-run asynchronous motors with a luminium housing



安装尺寸 Overall & Installation Dimensions

Frame No.	Mounting Dimensions(mm)																Overall Dimensions(mm)				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L	
71	112	90	45	14	30	5	11	71	7	130	110	160	0	10	3.5	145	145	140	180	255	
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	160	165	150	200	295	
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	160	240	370	
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	160	240	400	
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4.0	205	220	180	260	430	
112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4.0	245	250	190	300	455	
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	262	210	350	525	
132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	262	210	350	553	

技术参数 Technical Data

型号 Type	功率Output		电压 Voltage (V)	频率 Frequency Hz	电流 Current (A)	转速 Speed (r/min)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tstart/Tn	堵转转矩 额定转矩 Tstart/Tn	最大转矩 额定转矩 Tmax/Tn
	HP	KW									
YL7112	0.5	0.37	220	50	2.73	2800	67	0.92	1.8	6.0	1.8
YL7122	0.75	0.55	220	50	3.88	2800	70	0.92	1.8	6.0	1.8
YL7114	0.33	0.25	220	50	1.99	1400	62	0.92	1.8	6.0	1.8
YL7124	0.5	0.37	220	50	2.81	1400	65	0.92	1.8	6.0	1.8
YL8012	1	0.75	220	50	5.15	2800	72	0.92	1.8	6.0	1.8
YL8022	1.5	1.1	220	50	7.02	2800	75	0.95	1.8	6.0	1.8
YL8014	0.75	0.55	220	50	4.0	1400	68	0.92	1.8	6.0	1.8
YL8024	1	0.75	220	50	5.22	1400	71	0.92	1.8	6.0	1.8
YL90S-2	2	1.5	220	50	9.4	2800	76	0.95	1.8	6.0	1.8
YL90L-2	3	2.2	220	50	13.7	2800	77	0.95	1.8	6.0	1.8
YL90S-4	1.5	1.1	220	50	7.21	1400	73	0.95	1.8	6.0	1.8
YL90L-4	2	1.5	220	50	9.57	1400	75	0.95	1.8	6.0	1.8
YL100L-2	4	3	220	50	18.4	2820	78	0.95	1.8	6.0	1.8
YL100L1-4	3	2.2	220	50	13.9	1410	76	0.95	1.8	6.0	1.8
YL100L2-4	4	3	220	50	18.6	1420	77	0.95	1.8	6.0	1.8
YL112M-2	5	3.7	220	50	22.2	2820	80	0.95	1.8	6.0	1.8
YL112M-4	3	2.2	220	50	13.9	1410	76	0.95	1.8	6.0	1.8
YL112M1-4	4	3	220	50	18.17	1420	77	0.95	1.8	6.0	1.8
YL112M2-4	5	3.7	220	50	23	1430	78	0.95	1.8	6.0	1.8
YL132S1-4	4	3	220	50	18.17	1420	77	0.95	1.8	6.0	1.8
YL132S2-4	5	3.7	220	50	23	1430	78	0.95	1.8	6.0	1.8
YL132M-4	7.5	5.5	220	50	32.5	1430	81	0.95	1.8	6.0	1.8

*.1110V,110V/220V,60Hz etc.models are available on request.



MY系列铝壳单相电容异步电动机，符合国际电工协会IEC有关规定，选用优质原材料，进行最新式整体设计，具有性能好、噪声低、振动小、运行安全可靠、外形美观、体积小、重量轻、机构简单、维修方便等特点。

Introduce

MY series aluminum housing single-phase capacitor-run asynchronous motors, with latest design in entirety, are made of selected quality materials and conform to the IEC standard. MY motors have good performance, safety and reliable operation, nice appearance, and can be maintained very conveniently, while with low noise, little vibration and at the same time of light weight and simple construction. The multiple of starting torque is 0.3-1.7.

These series motors are suitable for the occasion where there requirement of starting torque is low and long-term continuous working, such as home electric appliances, pumps, fans and recording meters, etc.

使用条件

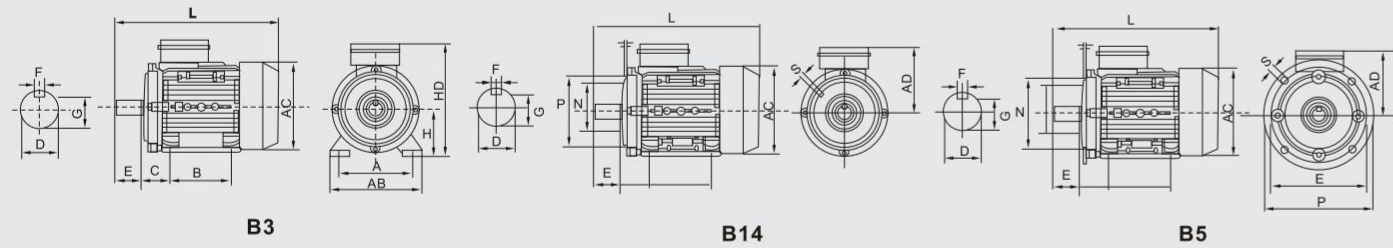
环境温度: -15℃ < θ < 40℃
海拔: 不超过1000m
额定电压: 220V
额定频率: 50Hz、60Hz
防护等级: IP54、IP55
绝缘等级: B、F
冷却方式: ICO141
工作方式: 连续S1

Operating Conditions

Ambient temperature: -15℃ < θ < 40℃
Altitude: Not exceeding 1000m
Rated voltage: 220V
Rated frequency: 50Hz/60Hz
Protection class: IP44/IP54
Insulation Class: Class B/F
Cooling method: ICO141
Duty: S1 (continuous)



MY/ML(ALU)系列铝壳单相电容运转异步电动机
MY/ML (ALU) series single-phase capacitor-run
asynchronous motors with a luminium housing



安装尺寸 Overall & Installation Dimensions

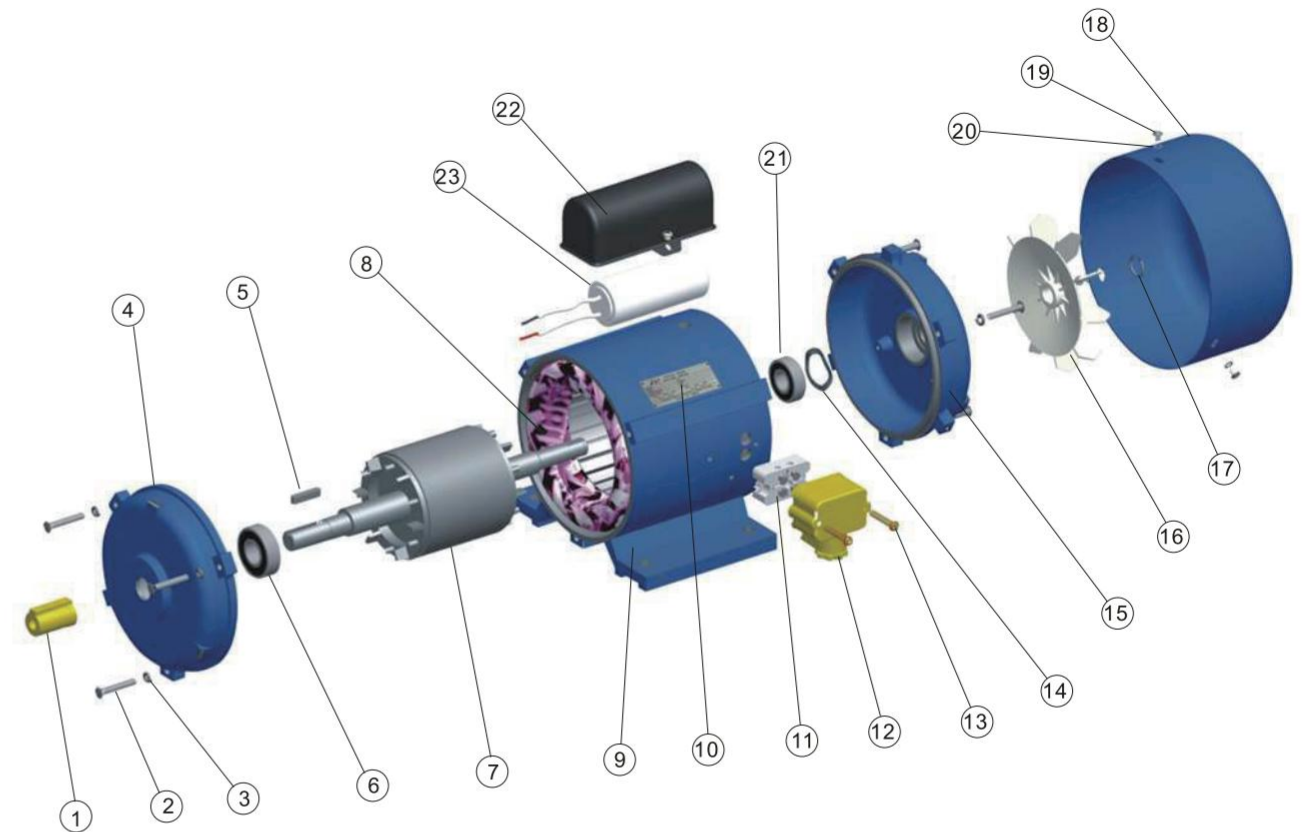
Frame No.	Installation Size									Installation Size IMB14							Installation Size IMB5							Overall Dimensioin				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L		
61	100	80	40	11	23	4	8.5	63	7	75	60	90	0	M5	2.5	115	95	140	0	10	3.0	130	130	115	185	230		
71	112	90	45	14	30	5	11	71	7	85	70	105	0	M6	2.5	130	110	160	0	10	3.5	145	145	125	205	255		
80	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	3.0	165	130	200	0	12	3.5	160	165	135	235	295		
90S	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	3.0	165	130	200	0	12	3.5	180	185	145	265	335		
90L	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	3.0	165	130	200	0	12	3.5	180	185	145	265	360		

技术数据 Technical Data

型号 Type	功率 Output		电压 Voltage (v)	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率 Power Factor	堵转转矩 额定转矩 Tstart/Tn(Time)	最大转矩 额定转矩 Tmax/Tn(Time)	Tarting A. (A)
	KW	HP								
MY5612	0.09	0.12	220	0.77	2800	58	0.92	0.4	1.7	-
MY5622	0.12	0.18	220	0.96	2800	62	0.92	0.4	1.7	-
MY6312	0.18	0.25	220	1.48	2800	60	0.92	0.4	1.7	5
MY6322	0.25	0.33	220	1.96	2800	63	0.92	0.4	1.7	7
MY7112	0.37	0.5	220	2.73	2800	67	0.92	0.35	1.7	10
MY7122	0.55	0.75	220	3.88	2800	70	0.92	0.35	1.7	15
MY8012	0.75	1	220	5.15	2800	72	0.92	0.33	1.7	20
MY8022	1.1	1.5	220	7.02	2800	75	0.95	0.33	1.7	30
MY90S-2	1.5	2	220	9.44	2800	76	0.95	0.3	1.7	45
MY90L-2	2.2	3	220	13.67	2800	77	0.95	0.3	1.7	65
MY5614	0.06	0.08	220	0.57	1400	53	0.90	0.4	1.7	-
MY5624	0.09	0.12	220	0.81	1400	56	0.90	0.4	1.7	-
MY6314	0.12	0.18	220	1.1	1400	55	0.90	0.4	1.7	3.5
MY6324	0.18	0.25	220	1.62	1400	56	0.90	0.4	1.7	5
MY7114	0.25	0.33	220	2.02	1400	61	0.92	0.35	1.7	7
MY7124	0.37	0.5	220	2.95	1400	62	0.92	0.35	1.7	10
MY8014	0.55	0.75	220	4.25	1400	64	0.92	0.35	1.7	15
MY8024	0.75	1	220	5.45	1400	68	0.92	0.32	1.7	20
MY90S-4	1.1	1.5	220	7.45	1400	71	0.95	0.32	1.8	30
MY90L-4	1.5	2	220	9.83	1400	73	0.95	0.3	1.8	45



JY系列单相电容启动异步电动机.
JY series single-phase capacitor start induction motor

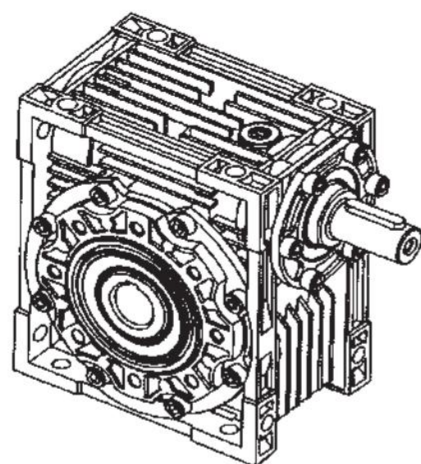


- | | | |
|------------------------|-------------------------|---------------------------|
| 1.轴套(Shaft cover) | 11.接线板(Terminal board) | 21.轴承(Bearing)6203 |
| 2.螺栓(Bolt) | 12.接线盒(Terminal box) | 22.薄钢电容套(Capacitor cover) |
| 3.弹簧垫圈(Spring washer) | 13.螺丝(Screw) | 23.电容器(Capacitor) |
| 4.前端盖(Front endshield) | 14.波形垫圈(Wave form) | |
| 5.键(Key) | 15.后端盖(Rear endshield) | |
| 6.轴承(Bearing)6204 | 16.风叶(Fan) | |
| 7.转子(Rotor) | 17.风叶卡簧(Fanclamp) | |
| 8.定子(Stator) | 18.风罩(Fan cowl) | |
| 9.机座(Frame) | 19.风罩螺丝(Fan cowl Screw) | |
| 10.铭牌(Name plate) | 20.垫圈(Washer) | |

NMRV



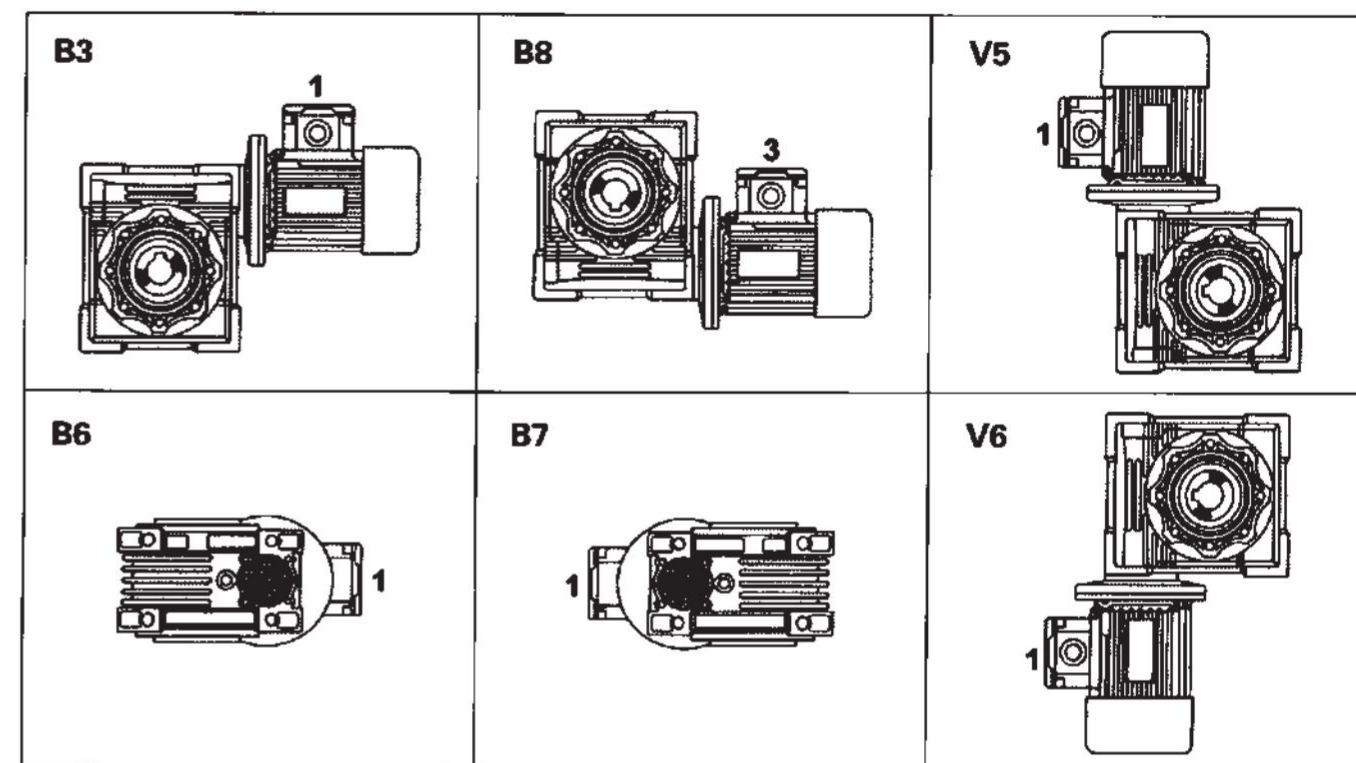
NRV



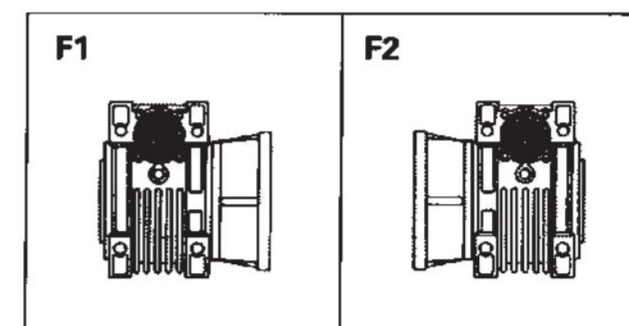
NMRV 型号标记 NMRV Model & marker

NMRV-063-30-VS-F1(FA)-AS-80B5-0.75kW-B3			
NMRV	蜗轮减速器 Worm geared Motor		
NRV	蜗轮减速器(配接输入轴) Worm reduction unit		
063	蜗轮减速器中心距 center dittance		
30	减速比 Reduction ratio		
VS	双向输入轴 Double input shaft	F1(FA)	输出法兰位置及型号 Output flange
AS	单向输出轴 Single output shaft	AB	双向输出轴 Double output shaft
PAM	电机联接 Fitted for motor coupling	80B5	电机机座号和安装结构形式 Motor mounting facility
0.75kW	电机功率 Electric motor power	B3	安装方位 Mounting position

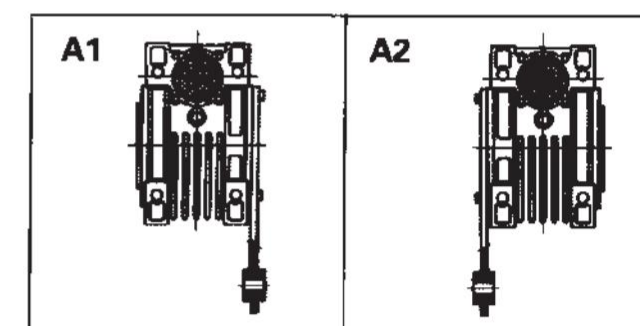
安装方位 Mounting positions



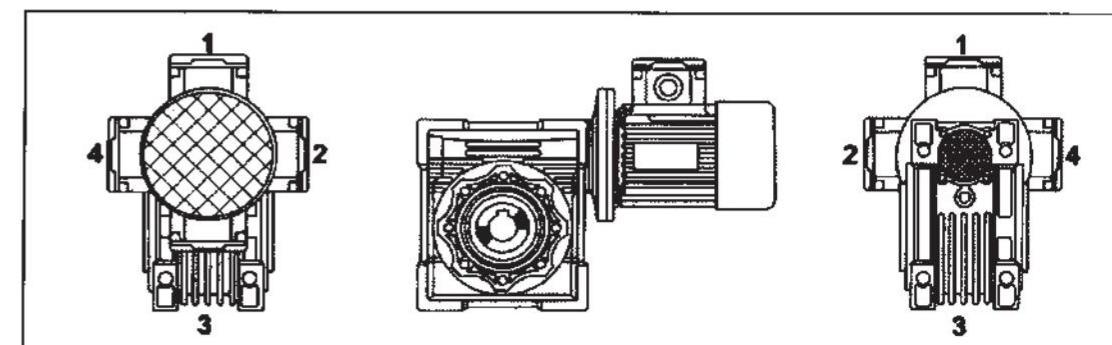
法兰位置 Flange F-FL



扭力臂配置 Pos . of torque arm



接线盒安装方式 Pos . of terminal box





参数表Date Table(配4极电机 1400R.P.M With 4 Poles, 1400R.P.M motor)

A-带平稳负荷 B- 带中等冲击 C- 带严重冲击 A-Uniform B- Moderate shock C- Heavy shock

速比 i	输出 转速 n ₂	型号 Type	配电机 功率 KW	许用输出转矩(N.m)Allow output torque(N.m)					
				每天工用时数0-8 Hours running per day 0-8			每天工作时数8-24 Hours running per day 8-24		
				A	B	C	A	B	C
7.5	187	NMRV025	0.06	3	3	3	3	3	3
			0.09	4	4	4	4	4	4
		NMRV030	0.12	5	5	5	5	5	5
			0.18	8	8	8	8	8	8
		NMRV040	0.25	11	11	11	11	11	11
			0.37	16	16	16	16	16	16
		NMRV050	0.55	25	25	25	25	25	25
			0.75	34	34	34	34	34	31
		NMR063	1.1	50	50	50	50	50	50
			1.5	68	68	68	64	64	57
		NMRV075	2.2	100	100	100	90	90	80
			3	137	127	—	127	—	—
		NMRV090	2.2	—	—	—	—	100	100
			3	—	138	138	138	138	128
			4	184	184	168	184	—	—
		NMRV110	5.5	253	253	253	253	240	213
			7.5	345	322	276	322	—	—
10	140	NMRV025	0.06	3	3	3	3	3	3
			0.09	5	5	5	5	5	5
		NMRV030	0.12	7	7	7	7	7	7
			0.18	10	10	10	10	9	8
		NMRV040	0.25	14	14	14	14	14	14
			0.37	21	21	21	21	19	17
		NMRV050	0.37	—	—	—	—	22	22
			0.55	32	32	32	32	32	31
			0.75	44	44	40	44	—	—
		NMRV063	1.1	65	65	65	65	65	57
			1.5	89	89	76	89	—	—
			1.5	—	—	90	—	90	88
		NMRV075	2.2	132	132	113	132	99	—
			3	180	—	—	—	—	—
			2.2	—	—	134	—	134	134
15	93	NMRV090	3	182	182	176	182	154	—
			4	243	210	—	—	—	—
			4	—	243	243	243	243	226
		NMRV110	5.5	334	334	305	334	267	—
			7.5	455	—	—	—	—	—
			5.5	—	—	334	—	334	334
		NMRV130	7.5	—	455	455	455	409	364
			—	—	—	—	—	—	—
		NMRV025	0.06	5	5	5	5	5	5
			0.09	7	7	6	7	—	—
		NMRV030	0.12	9	9	9	8	8	7
			0.18	14	12	—	12	—	—
		NMRV040	0.25	21	21	21	21	19	17
			0.37	31	26	—	26	—	—
		NMRV050	0.37	—	31	31	31	31	31
			0.55	46	46	42	46	36	—



参数表Date Table(配4极电机 1400R.P.M With 4 Poles, 1400R.P.M motor)

A-带平稳负荷 B- 带中等冲击 C- 带严重冲击 A-Uniform B- Moderate shock C- Heavy shock

速比 i	输出 转速 n ₂	型号 Type	配电机 功率 KW	许用输出转矩(N.m)Allow output torque(N.m)					
				每天工用时数0-8 Hours running per day 0-8			每天工作时数8-24 Hours running per day 8-24		
				A	B	C	A	B	C
15	93	NMRV050	0.75	63	50	—	50	—	—
			0.75	—	64	64	64	64	62
		NMRV063	1.1	93	93	79	93	—	—
			1.5	127	—	—	—	—	—
			1.1	—	—	96	96	96	89
		NMRV075	1.5	—	130	111	130	—	—
			2.2	191	—	—	—	—	—
			2.2	—	194	194	194	184	163
		NMRV090	3	264	246	211	246	—	—
			4	352	—	—	—	—	—
			3	—	264	264	264	264	258
		NMR110	4	—	352	321	352	281	—
			5.5	484	387	—	387	—	—
			5.5	—	490	490	490	465	413
		NMRV130	7.5	668	623	534	623	—	—
20	70	NMRV025	0.06	6	6	6	6	6	5
			0.09	9	8	—	8	—	—
		NMRV030	0.12	12	12	10	12	9	8
			0.18	18	—	—	—	—	—
		NMRV040	0.25	27	27	23	27	20	18
			0.37	39	—	—	—	—	—
		NMRV050	0.25	—	—	27	—	27	27
			0.37	—	40	40	40	36	32
			0.55	59	47	—	47	—	—
		NMRV063	0.55	—	61	61	61	61	60
			0.75	83	83	75	83	66	—
			1.1	122	89	—	—	—	—
		NMRV075	1.1	—	123	119	123	104	92
			1.5	168	145	—	145	—	—
			1.5	—	172	172	172	172	160
25	56	NMRV090	2.2	252	235	201	235	—	—
			3	344	—	—	—	—	—
			2.2	—	255	255	255	255	249
		NMRV110	3	—	348	318	348	278	—
			4	464	371	—	—	—	—
			4	—	464	464	464	464	464
		NMRV130	5.5	645	602	516	602	451	401
			7.5	880	—	—	—	—	—
			—	—	—	—	—	—	—
		NMRV030	0.12	14	14	12	14	10	9
			0.18	21	—	—	—	—	—
		NMRV040	0.25	32	25	22	25	19	17
			0.25	—	32	32	32	32	31
		NMRV050	0.37	48	48	41	48	36	—
			0.55	71	—	—	—	—	—
		NMRV063	0.55	—	73	73	73	65	58
			0.75	100	86	—	86	—	—
		NMRV075	0.75	—	102	102	102	102	90
			1.1	150	130	111	130	—	—
			1.5	205	—	—	—	—	—
		NMRV090	1.5	—	210	192	210	168	149



参数表Date Table(配4极电机 1400R.P.M With 4 Poles, 1400R.P.M motor)
A-带平稳负荷 B- 带中等冲击 C- 带严重冲击 A-Uniform B- Moderate shock C- Heavy shock

速比 i	输出 转速 n ₂	型号 Type	配电机 功率 KW	许用输出转矩(N.m)Allow output torque(N.m)					
				每天工用时数0-8 Hours running per day 0-8			每天工作时数8-24 Hours running per day 8-24		
				A	B	C	A	B	C
25	56	NMRV090	2.2	308	225	-	-	-	-
		NMRV110	2.2	-	315	315	315	299	266
			3	430	401	344	401	-	-
			4	573	-	--	-	-	-
		NMRV130	4	-	573	523	573	458	407
30	47	NMRV025	0.06	8	8	7	8	6	5
			0.09	12	-	-	-	-	-
		NMR030	0.12	16	14	12	14	10	9
		NMRV040	0.12	-	17	17	17	17	17
			0.18	26	26	25	26	22	19
			0.25	36	31	-	31	-	-
		NMRV050	0.25	-	36	36	36	36	36
			0.37	55	55	47	55	41	36
			0.55	81	-	-	-	-	-
		NMRV063	0.55	-	83	83	83	78	70
			0.75	114	106	91	106	-	-
			1.1	167	-	-	-	-	-
		NMRV075	1.1	-	148	127	148	111	98
			1.5	233	-	-	-	-	-
		NMRV090	1.5	-	239	232	239	203	180
			2.2	351	280	-	-	-	-
		NMRV110	2.2	-	356	356	356	320	284
			3	485	420	-	420	-	-
			4	647	-	-	-	-	-
		NMRV130	5.5	900	720	617	720	540	480
40	35	NMRV025	0.06	10	8	7	8	6	5
		NMRV030	0.12	17	11	9	11	8	7
		NMRV040	0.12	21	21	21	21	20	17
			0.18	32	27	-	27	-	-
		NMRV050	0.18	-	33	33	33	33	33
			0.25	46	46	44	46	39	-
			0.37	68	-	-	-	-	-
		NMRV063	0.37	-	71	71	71	71	66
			0.55	105	98	84	98	-	-
			0.75	143	-	-	-	-	-
		NMRV075	0.55	-	-	108	-	108	96
			0.75	-	147	126	147	-	-
			1.1	216	--	-	-	-	-
		NMRV090	1.1	-	225	205	225	180	160
			1.5	307	245	-	245	-	-
		NMRV110	1.5	-	319	319	319	303	369
			2.2	468	405	347	405	-	-
			3	638	-	-	-	-	-
		NMRV130	2.2	-	468	468	468	468	457
			3	-	638	583	638	510	-
			4	851	680	-	680	-	-
50	28	NMRV025	0.06	10	7	6	7	5	4
		NMRV030	0.06	12	12	10	12	9	8



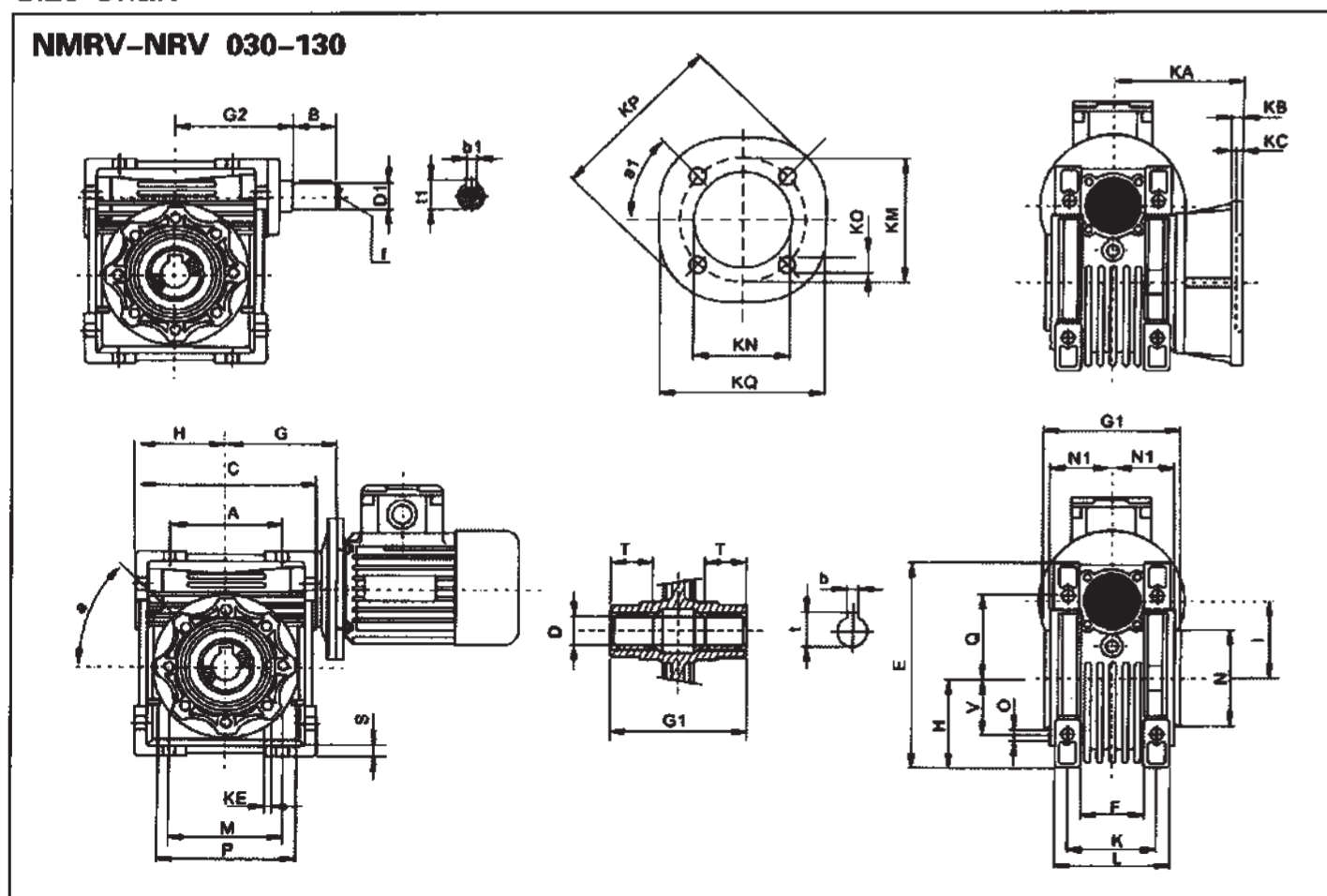
参数表Date Table(配4极电机 1400R.P.M With 4 Poles, 1400R.P.M motor)
A-带平稳负荷 B- 带中等冲击 C- 带严重冲击 A-Uniform B- Moderate shock C- Heavy shock

速比 i	输出 转速 n ₂	型号 Type	配电机 功率 KW	许用输出转矩(N.m)Allow output torque(N.m)					
				每天工用时数0-8 Hours running per day 0-8			每天工作时数8-24 Hours running per day 8-24		
				A	B	C	A	B	C
50	28	NMRV040	0.09	19	19	19	19	19	16
			0.12	25	25	21	25	-	-
			0.18	38	-	-	-	-	-
		NMRV050	0.18	-	39	39	39	37	33
			0.25	54	50	43	50	-	-
		NMRV063	0.25	-	56	56	56	56	56
			0.37	83	83	75	83	66	-
			0.55	124	90	-	-	-	-
		NMRV075	0.55	-	129	117	129	103	91
			0.75	177	141	-	141	-	-
		NMRV090	0.75	-	184	184	184	165	147
			1.1	270	234	200	234	-	-
		NMRV110	1.1	-	281	281	281	281	262
			1.5	384	384	351	384	307	-
			2.2	563	412	-	412	-	-
		NMRV130	2.2	-	563	546	563	478	425
			3	767	664	-	664	-	-
			4	1023	-	-	-	-	-
60	23	NMRV025	0.06	10	6	5	6	5	4
		NMRV030	0.09	17	11	9	11	8	7
		NMRV040	0.09	21	21	20	21	17	15
			0.12	28	24	-	24	-	-
		NMRV050	0.12	-	29	29	29	29	29
			0.18	43	43	39	43	34	-
			0.25	60	-	-	-	-	-
		NMRV063	0.25	-	63	63	63	63	56
			0.37	94	87	75	87	-	-
		NMRV075	0.37	-	98	98	98	98	87
			0.55	146	136	116	136	-	-
			0.75	200	-	-	-	-	-
		NMRV090	0.75	-	212	181	212	159	141
			1.1	311	-	-	-	-	-
		NMRV110	1.1	-	324	314	324	275	244
			1.5	442	383	-	383	-	-
		NMRV130	2.2	648	604	518	604	453	403
			3	884	-	-	-	-	-
85	18	NMRV030	0.06	12	8	7	8	6	5
		NMRV040	0.09	26	22	19	22	17	15
			0.12	34	-	-	-	-	-
		NMRV050	0.12	-	35	35	35	33	29
			0.18	52	41	-	-	-	-
		NMRV063	0.25	78	78	71	78	62	55
			0.37	115	84	-	84	-	-
		NMRV075	0.37	-	121	110	121	96	86
			0.55	180	132	-	132	-	-
		NMRV090	0.55	-	189	162	189	141	126
			0.75	258	-	-	-	-	-
		NMRV110	0.55	-	-	201	201	201	201
			0.75	-	274	274	274	246	219

参数表Date Table(配4极电机 1400R.P.M With 4 Poles, 1400R.P.M motor)
A-带平稳负荷 B-带中等冲击 C-带严重冲击 A-Uniform B- Moderate shock C- Heavy shock

速比 i	输出 转速 n ₂	型号 Type	配电机 功率 KW	许用输出转矩(N.m)Allow output torque(N.m)					
				每天工用时数0-8 Hours running per day 0-8			每天工作时数8-24 Hours running per day 8-24		
				A	B	C	A	B	C
80	18	NMRV110	1.1	402	21	—	321	—	—
		NMRV130	1.1	—	408	408	408	408	380
			1.2	557	557	477	557	417	—
			2.2	816	—	—	—	—	—
100	14	NMRV040	0.09	29	19	16	19	14	12
		NMRV050	0.12	40	37	32	37	28	24
		NMRV063	0.25	87	81	69	81	60	54
		NMRV075	0.37	139	120	103	120	90	80
		NMRV090	0.55	221	176	151	176	132	117
			0.75	322	300	257	300	225	200
		NMRV110	1.1	473	—	—	—	—	—
			1.1	—	485	415	485	363	323
		NMRV130	1.5	655	--	--	--	--	--

尺寸图 Size Chart

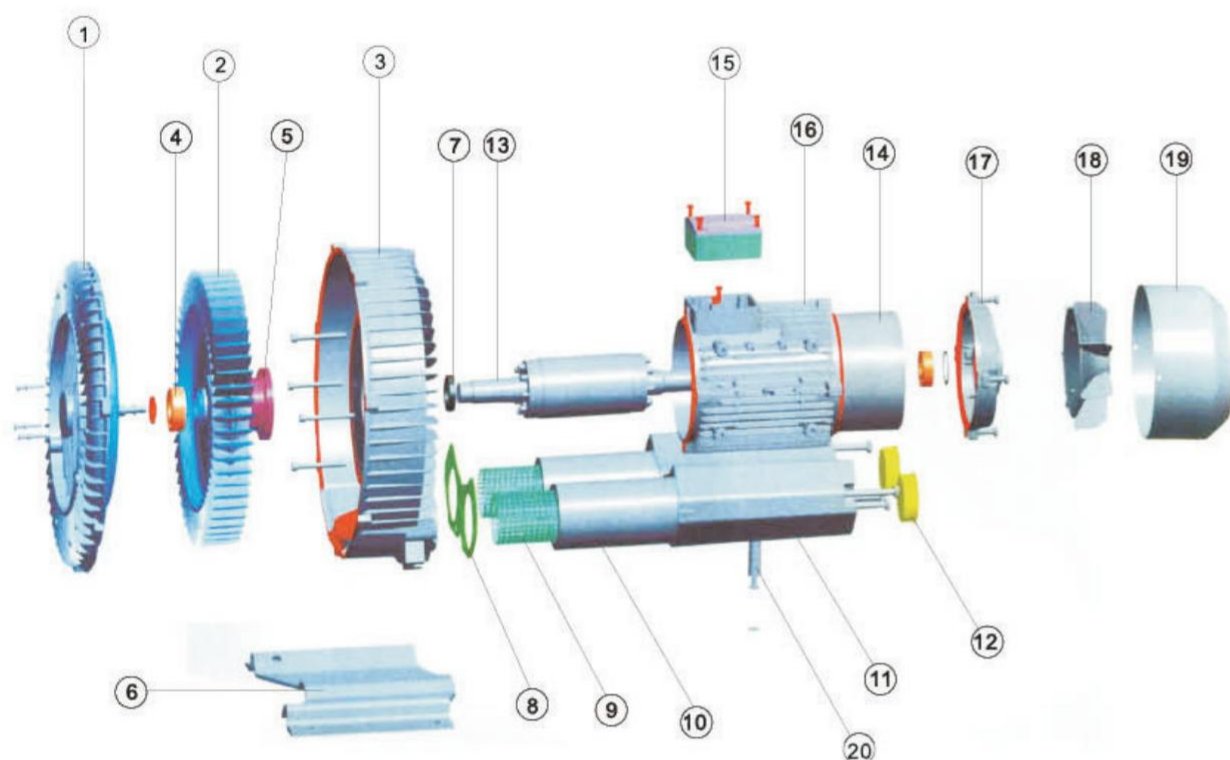
**NMRV-26**

NMRV-NRV尺寸表 NMRV-NRV Dimensions

	030	040	050	063	075	090	110	130
A	54	70	80	100	120	140	170	200
B	20	23	30	40	50	50	160	80
C	80	100	120	144	172	206	252.5	292.5
D(H8)	14	18	25	25	28	35	42	45
D1(j6)	9	11	14	19	24	24	28	30
E	97	121.5	144	174	205	238	295	335
F	32	43	49	67	72	74	—	—
G	55	70	80	95	112.5	129.5	160	180
G1	63	78	92	112	120	140	155	170
G2	51	60	74	90	105	125	142	162
H	40	50	60	72	86	103	127.5	147.5
I	30	40	50	63	75	90	110	130
L	56	71	85	103	112	130	144	155
M	65	75	85	95	115	130	165	215
N(h8)	55	60	70	80	95	110	130	180
N1	29	36.5	43.5	53	57	67	74	81
O	6.5	6.5	8.5	8.5	11	13	14	16
P	75	87	100	110	140	160	200	250
Q	44	55	64	80	93	102	125	140
S	5.5	6.5	7	8	10	11	14	15
T	21	26	30	36	40	45	50	60
V	27	35	40	50	60	70	85	100
K	44	60	70	85	90	100	115	120
KE	M6X11 (n=4)	M6X8 (n=4)	M8X10 (n=4)	M8X14 (n=8)	M8X14 (n=8)	M0X18 (n=8)	M10X18 (n=8)	M12X21 (n=8)
a	0	45	45	45	45	45	45	45
KA	54.5	72	90	102	102	111	131	144
KB	6	7	9	10	13	13	15	15
KC	4	4	5	6	6	6	6	6
a1	45	45	45	45	45	45	45	45
KM	68	87	90	150	165	175	230	255
KN(H8)	50	60	70	115	130	152	170	180
KO	6.5(n.4)	9(n.4)	11(n.4)	11(n.4)	14(n.4)	14(n.4)	14(n.4)	16(n.8)
KP	80	110	125	180	200	210	280	320
KQ	70	95	110	142	170	200	260	290
b	5	6	8	8	8	10	12	14
b1	3	4	5	6	8	8	8	8
f	—	—	M6	M6	M8	M8	M10	M10
t	16.3	20.8	28.3	28.3	31.3	38.3	45.3	48.8
t1	10.2	12.5	16	21.5	27	27	31	33
kq	1.2	2.3	3.5	6.2	9	13	35	48

注: kg=不带电机重量 Note:kg=weight without motor

零件剖面图 / DETAILS PARTS LIST



1. 泵盖 (Pump cover)	8. 垫片 (Shim)	15. 接线盒 (Junction box)
2. 叶轮 (Impeller)	9. 消音网 (Silencing net)	16. 电机筒 (Motor cylinder)
3. 泵体 (Pump body)	10. 消音海绵 (Silencing sponge)	17. 电机端盖 (Motor end cover)
4. 轴承 (Shaft cover)	11. 消音管 (Silencing tube)	18. 电机风叶 (Motor wind blade)
5. 轴承座 (Bearing seat)	12. 接头 (法兰) (Joint (flange))	19. 电机后罩 (Motor rear cover)
6. 底板 (floor)	13. 转子 (rotor)	20. 支撑管 (Support tube)
7. 油封 (oil seal)	14. 电机 (Electric machinery)	

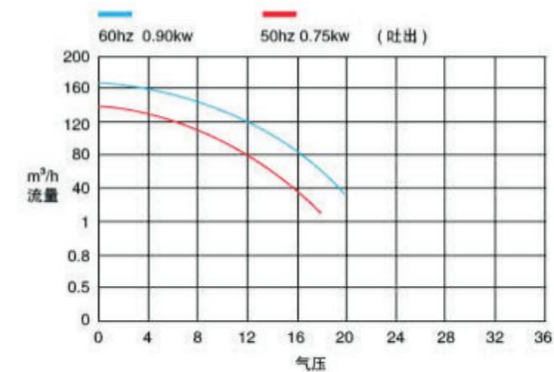
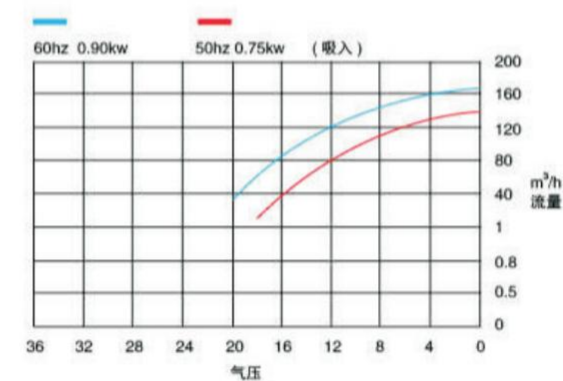


750

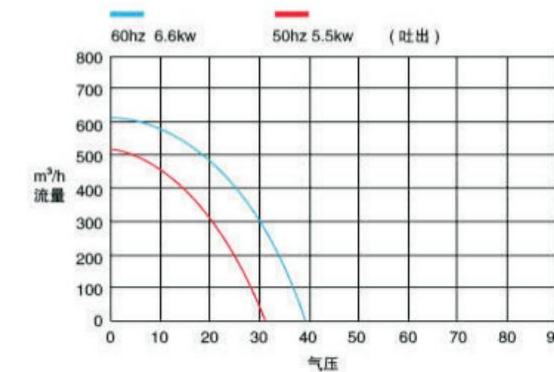
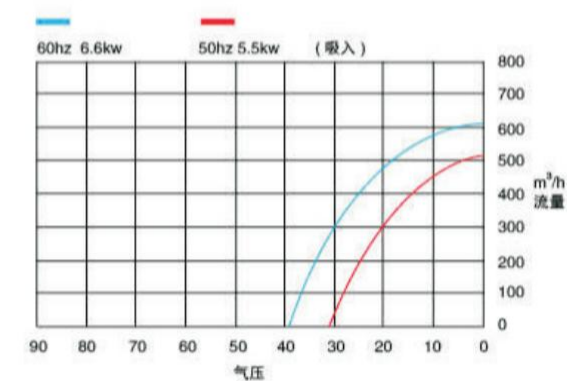


5500

漩涡气泵性能曲线 (仅供参考不作检测依据)

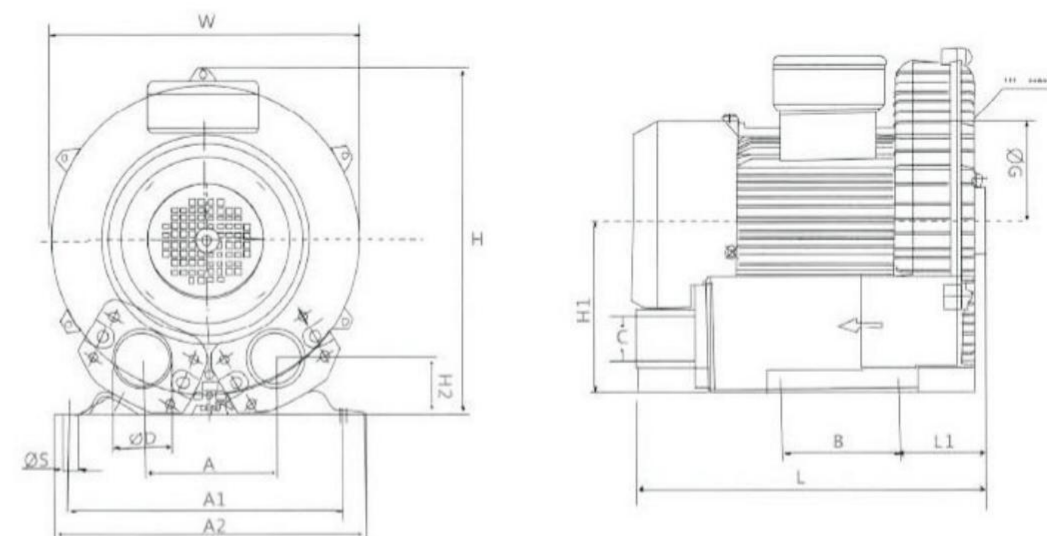


漩涡气泵性能曲线 (仅供参考不作检测依据)



技术参数 Technical data

型号 Type	额定电压 (V)	额定电流 (A)	频率 (HZ)	最大气压 (KPa)	最大流量 (m³/h)	最大真空度 (KPa)	功率 (KW)	转速 (Speed)	噪音 (dB)	净重 (kg)	毛重 (kg)	装箱体积 (cm)
250	220	2.5(3.0)	50(60)	12(14)	48(57)	8.5(10)	0.25(0.30)	2800(3400)	<56	10.6	11.2	31×28×28
250S	Δ 220	1.24(1.68)	50(60)	12(14)	48(57)	8.5(10)	0.25(0.30)	2800(3400)	<56	10	10.5	31×28×28
	Y380	0.72(0.97)	50(60)	12(14)	48(57)	8.5(10)	0.25(0.30)	2800(3400)	<56	10	10.5	31×28×28
370	220	3.5(4.2)	50(60)	16(19)	60(70)	11(13)	0.37(0.44)	2800(3400)	<56	11	11.7	31×28×28
370S	Δ 220	1.55(2.11)	50(60)	16(19)	60(70)	11(13)	0.37(0.44)	2800(3400)	<56	10.6	11.2	31×28×28
	Y380	1.05(1.16)	50(60)	16(19)	60(70)	11(13)	0.37(0.44)	2800(3400)	<56	10.6	11.2	31×28×28
550	220	4.8(5.76)	50(60)	20(24)	110(132)	16(19)	0.55(0.66)	2800(3400)	<60	12.6	14.1	32×31×30
550S	Δ 220	2.51(3.01)	50(60)	20(24)	110(132)	16(19)	0.55(0.66)	2800(3400)	<60	12	13.5	32×31×30
	Y380	1.45(1.74)	50(60)	20(24)	110(132)	16(19)	0.55(0.66)	2800(3400)	<60	12	13.5	32×31×30
750	220	6.3(7.56)	50(60)	22(25)	145(170)	18(20)	0.75(0.90)	2800(3400)	<60	16.5	18	35×32×33
750S	Δ 220	3.31(4.10)	50(60)	22(25)	145(170)	18(20)	0.75(0.90)	2800(3400)	<60	16	17.5	35×32×33
	Y380	1.81(2.37)	50(60)	22(25)	145(170)	18(20)	0.75(0.90)	2800(3400)	<60	16	17.5	35×32×33
1100	220	8.7(10.44)	50(60)	25(30)	210(245)	20(24)	1.1(1.3)	2800(3400)	<60	23	24.7	37×37×38
1100S	Δ 220	4.36(5.88)	50(60)	25(30)	210(245)	20(24)	1.1(1.3)	2800(3400)	<60	21.5	22.9	37×37×38
	Y380	2.52(3.42)	50(60)	25(30)	210(245)	20(24)	1.1(1.3)	2800(3400)	<60	21.5	22.9	37×37×38
1500	220	11.8(14.16)	50(60)	26(31)	220(255)	21(25)	1.5(1.8)	2800(3400)	<60	23.4	28	37×37×38
1500S	Δ 220	5.96(8.20)	50(60)	26(31)	220(255)	21(25)	1.5(1.8)	2800(3400)	<60	22.5	26	37×37×38
	Y380	3.44(4.74)	50(60)	26(31)	220(255)	21(25)	1.5(1.8)	2800(3400)	<60	22.5	26	37×37×38
2200S	Δ 220	8.52(10.22)	50(60)	36(43)	325(365)	28(33)	2.2(2.6)	2800(3400)	<70	29	31.5	42×42×42
	Y380	4.92(5.91)	50(60)	36(43)	325(365)	28(33)	2.2(2.6)	2800(3400)	<70	29	31.5	42×42×42
3000S	Δ 220	11.07(10.22)	50(60)	37(44)	390(430)	30(35)	3.0(3.6)	2800(3400)	<70	38	43.5	43×44×44
	Y380	6.39(7.67)	50(60)	37(44)	390(430)	30(35)	3.0(3.6)	2800(3400)	<70	38	43.5	43×44×44
4000S	Δ 220	14.15(16.97)	50(60)	38(45)	475(525)	28(33)	4.0(4.8)	2800(3400)	<70	47	54	46×46×50
	Y380	8.17(9.8)	50(60)	38(45)	475(525)	28(33)	4.0(4.8)	2800(3400)	<70	47	54	46×46×50
5500S	Δ 220	19.23(23.21)	50(60)	42(50)	530(616)	34(38)	5.5(6.6)	2800(3400)	<70	62	71	48×50×52
	Y380	11.1(13.4)	50(60)	42(50)	530(616)	34(38)	5.5(6.6)	2800(3400)	<70	62	71	48×50×52
7500S	Δ 220	25.98(34.19)	50(60)	45(52)	550(640)	35(42)	7.5(9.0)	2800(3400)	<70	65	74	48×50×52
	Y380	15(19.74)	50(60)	45(52)	550(640)	35(42)	7.5(9.0)	2800(3400)	<70	65	74	48×50×52
11000S	Y380	28(38)	50(60)	75(85)	1050(1200)	40(52)	11(12.5)	2800(3400)	<70	120	135	69×58×61



安装尺寸 Overall & Installation dimensions

型号 Type	尺寸 Size	L	W	H	H1	H2	A	A1	A2	L1	B	G	D	S	C
90		205	184	200	96	32	80	158	172	55	56	—	Φ20	Φ7	—
120		205	184	200	96	32	80	157	172	55	56	—	Φ20	Φ7	—
180		223	200	212	110	36	86	184	204	62	66	—	Φ20	Φ7	—
200		223	200	212	110	36	86	184	204	62	66	—	Φ20	Φ7	—
250		260	246	247	120	37	90	205	235	62	83	Φ140	Φ49	Φ8.5	M41
370		260	246	247	130	38	90	205	235	62	83	Φ140	Φ49	Φ10	M41
550		277	268	272	155	47	93	205	265	66	83	Φ162	Φ49	Φ12	M41
750		300	268	302	165	58	111	225	265	80	95	Φ173	Φ50	Φ12	M47
1100		325	335	340	190	61.5	115	270	300	30	140	Φ200	Φ60	Φ14	M60
1500		325	335	340	190	61.5	115	270	300	30	140	Φ200	Φ60	Φ14	M60
2200		377	382	385	192	56	125	290	326	103	140	Φ256	Φ60	Φ14	M60
3000		402	408	410	210	56	140	313	345	103	140	Φ256	Φ60	Φ14	M60
4000		435	418	470	237	110	143	313	330	113	185	Φ280	Φ76	Φ14	G2½
5500		475	446	480	250	118	148	360	415	100	170	Φ288	Φ76	Φ15	G2½
7500		475	446	480	250	118	148	360	415	100	170	Φ288	Φ76	Φ15	G2½
11000		660	550	570	300	92	207	360	415	89	—	490	110	—	G4



性能简介 Performance introduction

CZR 系列为单相电容运转电机驱动的离心式交流鼓风机；CZT 由三相交流异步电机驱动的离心式交流鼓风机。具有风量大、风压高、耗电省、温升低、美观大方等特点。广泛适用于家庭、食堂、小型锅炉、炼铁等助燃场合及吹膜之用，也可做送风冷却之用。

CZR series is a centrifugal air blower with single-phase capacitance run-ning motor driver, CZR is a centrifugal AC blower with three-phase enclosed asynchronous motor drive. It has features such as large air volume, high wind pressure, little power consumption, low temperature, beautiful and beat appearance etc. It is widely applicable for the combustion supporting occasions such as fanmily. cabteen, small-size boiler, iron-smelting fumace etc, and for blownfilm purosos. It can be used as wind blast cooling.

主要参数 The main technical parameters

型号 Model	功率 Power (W)	外径 Calibre of outiel (r/min)	电 流 Current (A)	风 量 Air volume (m³/min)	全 压 Total pressure (Pa)	频 率 Frequency (Hz)	转 速 Speed (r/min)
2"	150	50	1.0	4.5	200	50/60	3000/3600
2.5"	250	63	1.6	6.5	230	50/60	3000/3600
3"	350	75	2.0	9.0	270	50/60	3000/3600
4"	550	110	2.15	11.0	310	50/60	3000/3600
5"	750	125	3.5	13.0	350	50/60	3000/3600