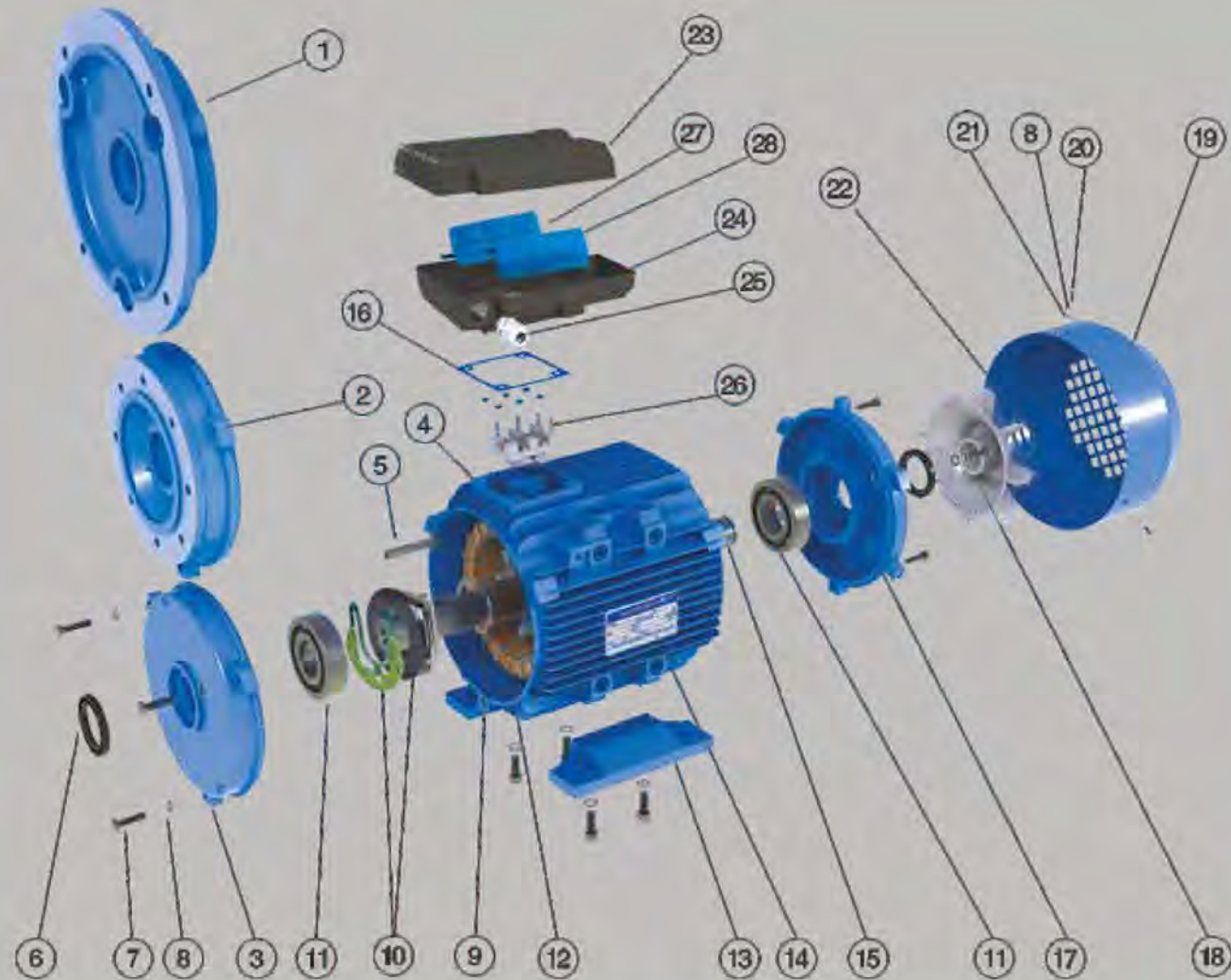
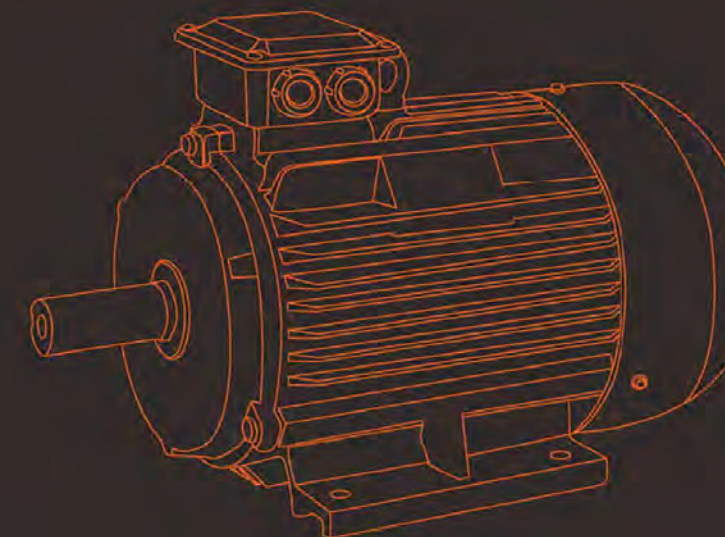


浙江艺龙科技有限公司

ZHEJIANG YILONG TECHNOLOGY CO.,LTD.



- | | | |
|-----------|---------|-----------|
| 1. B5 法兰 | 11. 轴承 | 21. 垫圈 |
| 2. B14 法兰 | 12. 定子 | 22. 风叶卡簧 |
| 3. 前端盖 | 13. 底脚 | 23. 接线盒盖 |
| 4. 机座 | 14. 铭牌 | 24. 接线盒座 |
| 5. 键 | 15. 转子 | 25. 螺母螺套 |
| 6. 密封圈 | 16. 密封垫 | 26. 接线板 |
| 7. 螺栓 | 17. 后端盖 | 27. 运行电容器 |
| 8. 弹簧垫圈 | 18. 风叶 | 28. 起动电容器 |
| 9. 卡簧 | 19. 风扇罩 | |
| 10. 离心开关 | 20. 螺丝 | |

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ZHEJIANG YILONG Tech Co., Ltd who is a group company being professional in all types of motors and related equipments .With years of development, Yilong has developed into a large-scale, modern, comprehensive and international company。 Yilong sales department is located in Luqiao, Taizhou. It is enjoying convenient transportation network Our group is equipped with a great number of precise assemble lines, integrated testing systems and checkout equipment. We have professional engineers, skilled QC members, experienced salesmen and the best after-sales services.we offer motor with advanced technology and excellent quality.Our chief engineer is professor in university. We now have long-term stable customers from all over the world. we have almost 30 years experience.And we also have firm cooperation with customers from Australia and American and other countries.We also have our own environment protection construction.



Y2系列三相异步电动机
series three phase asynchronous motor 01~02



Y2系列低压大功率三相异步电动机
series low voltage high power three phase asynchronous motor 03~04



Y2系列铝壳三相异步电动机
Y2 series aluminum three phase asynchronous motor 05~06



MS 系列铝壳三相异步电动机
series aluminum three phase asynchronous motor 07~08



YD2、YDT2 系列变极多速异步电动机
Series pole-changing and multi-speed asynchronous motor 09~10



YEJ2、YDEJ2 系列电磁制动三相异步电动机
series electromagnetic brake three phase asynchronous motor 11~12



YCT系列电磁调速电动机
series electromagnetic governor motor 13



VVF2系列变频调速专用三相异步电动机
series frequency-variable and speed-adjustable three phase asynchronous motor 14



YEJVF 系列变频调速电磁制动电动机
series frequency-variable and electromagnetic -brake motor 15



YC系列电容起动单相异步电动机
series capacitor-starting asynchronous motor 16



YL系列双值电容单相异步电动机
series two-value capacitor mono phase asynchronous motor 17



YY系列电容运转异步电动机
series capacitor-running asynchronous motor 18



YE2-80~355系列高效率三相异步电动机
YE2-80~355 Series High-efficiency Three-phase Asynchronous Motor 19~20



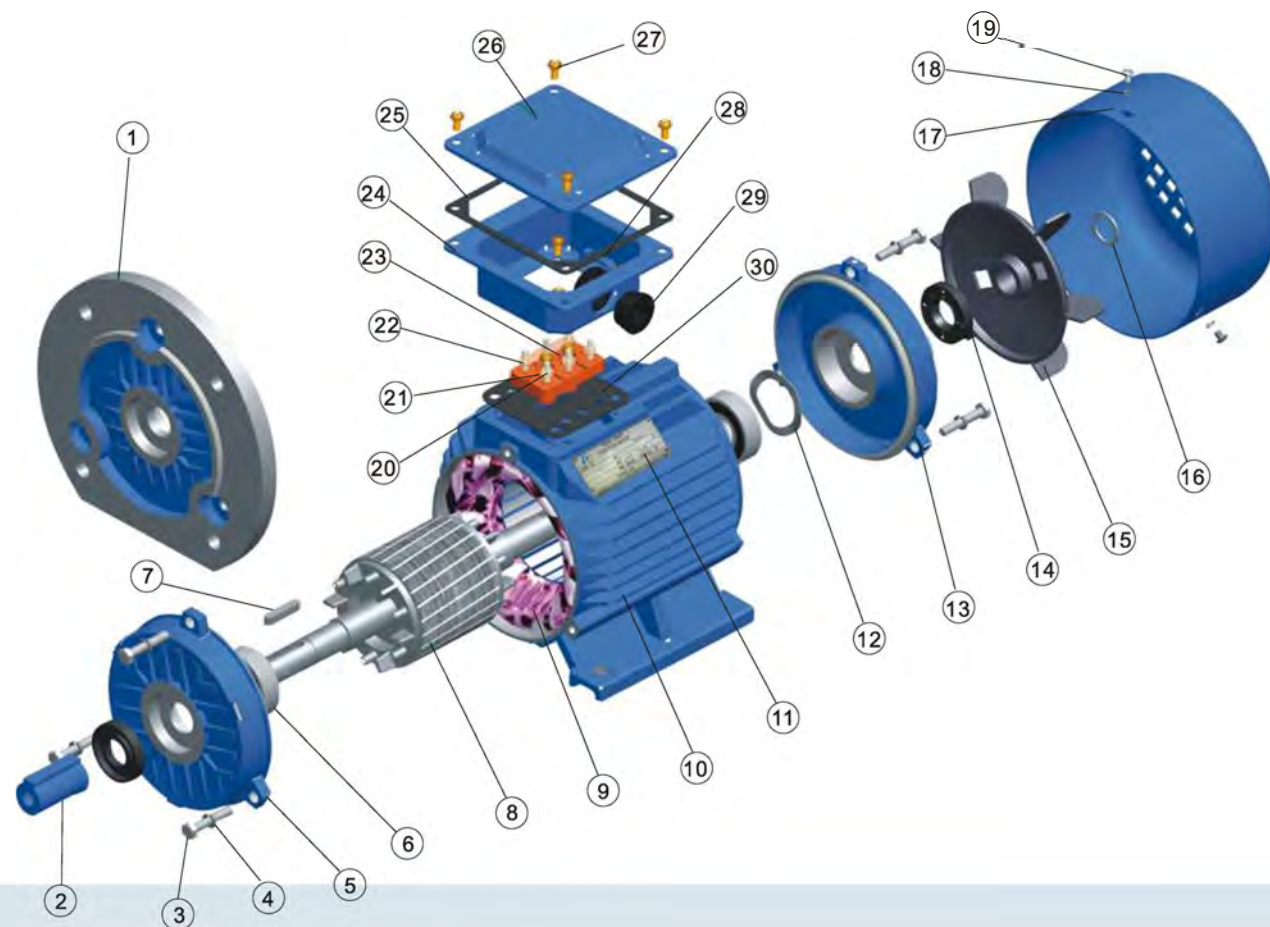
油泵电机
Oil pump motor 27~32



摆线针轮减速机
Cycloidal pin wheel reducer 33~38

YX3系列超高效三相异步电动机
YX3 series Premium efficiency three-phase asynchronous induction motor

IE3



- | | | |
|------------------------|-------------------------|----------------------------|
| 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) |

YX3系列超高效三相异步电动机
YX3 series Premium efficiency three-phase asynchronous induction motor

IE3



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 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: IP55
Insulation class: F、H
Cooling method: ICO141
Duty: S1(continuous)
Connection: Star-connection for up to 3kw, delta-connection for 4kw and above.

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

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	LD	LL
63	2,4	100	30	130	115	120	92	80	115	40	11	M5X12	23	13	5	4	8.5	13	63	8	4- $\varnothing 7$	1-M25X1.5	225	90	92
71	2,4,6	112	32	144	135	124	92	90	120	45	14	M5X12	30	20	5	5	11	16.5	71	71	4- $\varnothing 7$	1-M25X1.5	250	102	92
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- $\varnothing 10$	1-M25X1.5	304	119	102
90S	2,4,6,8	140	36	176	182.4	154.5	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	4- $\varnothing 10$	1-M25X1.5	336	143	102
90L	2,4,6,8	140	36	176	182.4	154.5	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	4- $\varnothing 10$	1-M25X1.5	361	143	102
100L	2,4,6,8	160	40	200	205.4	166	102	140	213	63	28	M10X22	60	50	5	8	24	31	100	14	4- $\varnothing 12$	1-M32X1.5	406	147	102
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- $\varnothing 12$	2-M32X1.5	452	147	110
132S	2,4,6,8	216	55	262	258.4	203	118	140	200	89	38	M12X28	80	65	7.5	10	33	41	132	18	4- $\varnothing 12$	2-M32X1.5	470	172	110
132M	4,6,8	216	55	262	258.4	203	118	178	238	89	38	M12X28	80	65	7.5	10	33	41	132	18	4- $\varnothing 12$	M-M32X1.5	508	172	110
160M	2,4,6,8	254	65	314	314	251	162	210	260	108	42	M16X36	110	90	10	12	37	45	160	20	4- $\varnothing 14.5$	2-M40X1.5	608	256	152
160L	2,4,6,8	254	65	314	314	251	162	254	304	108	42	M16X36	110	90	10	12	37	45	160	20	4- $\varnothing 14.5$	2-M40X1.5	652	256	152
180M	2,4,8	279	70	349	355	267	162	241	311	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4- $\varnothing 14.5$	2-M40X1.5	688	271	152
180L	4,6,8	279	70	349	355	267	162	279	349	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4- $\varnothing 14.5$	2-M40X1.5	726	271	152
200L	2,4,6,8	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	5	16	49	59	200	25	4- $\varnothing 16.5$	2-M50X1.5	779	296	190
225S	4,8	356	75	431	446	322	210	286	368	149	60	M20X42	140	125	7.5	18	53	64	225	28	4- $\varnothing 18.5$	2-M50X1.5	824	329	190
225M	2	356	75	431	446	322	210	311	393	149	55	M20X42	110	100	5	16	49	59	225	28	4- $\varnothing 18.5$	2-M50X1.5	819	299	190
225M	4,6,8	356	75	431	446	322	210	311	393	149	60	M20X42	140	125	7.5	18	53	64	225	28	4- $\varnothing 18.5$	2-M50X1.5	849	329	190
250M	2	406	80	484	485	358	248	349	445	168	60	M20X42	140	125	7.5	18	53	64	250	30	4- $\varnothing 24$	2-M63X1.5	910	347	218
250M	4,6,8	406	80	484	485	358	248	349	445	168	65	M20X42	140	125	7.5	18	58	69	250	30	4- $\varnothing 24$	2-M63X1.5	910	347	218
280S	2	457	85	542	547	387	248	368	485	190	75	M20X42	140	125	7.5	18	58	69	280	35	4- $\varnothing 24$	2-M63X1.5	982	355.5	218
280S	4,6,8	457	85	542	547	387	248	368	485	190	65	M20X42	140	125	7.5	20	67.5	79.5	280	35	4- $\varnothing 24$	2-M63X1.5	982	355.5	218
280M	2	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	18	58	69	280	35	4- $\varnothing 24$	2-M63X1.5	1033	355.5	218
280M	4,6,8	457	85	542	547	387	248	419	536	190	75	M20X42	140	125	7.5	20	67.5	79.5	280	35	4- $\varnothing 24$	2-M63X1.5	1033	355.5	218
315S	2	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	7.4	18	58	69	315	45	4- $\varnothing 28$	2-M63X1.5	1194	397	280
315S	4,6,8,10	508	120	628	620	527	320	406	570	216	80	M20X42	170	160	5	22	71	85	315	45	4- $\varnothing 28$	2-M63X1.5	1224	427	280
315M	2	508	120	628	620	527	320	457	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4- $\varnothing 28$	2-M63X1.5	1304	397	280
315M	4,6,8,10	508	120	628	620	527	320	457	680	216	80	M20X42	170	160	5	22	71	85	315	45	4- $\varnothing 28$	2-M63X1.5	1334	427	280
315L	2	508	120	628	620	527	320	508	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4- $\varnothing 28$	2-M63X1.5	1304	397	280
315L	4,6,8,10	508	120	628	620	527	320	508	680	216	80	M20X42	170	160	5	22	71	85	315	45	4- $\varnothing 28$	2-M63X1.5	1334	427	280
355M	2	610	116	726	698	642	380	560	750	254	75	M20X50	140	130	5	20	67.5	79.5	355	52	6- $\varnothing 28$	2-M63X1.5	1486	414	330
355M	4,6,8,10	610	116	726	698	642	380	560	750	254	95	M24X50	170	160	5	25	86	100	355	52	6- $\varnothing 28$	2-M63X1.5	1516	444	330
355L	2	610	116	726	698	642	380	630	750	254	75	M20X50	140	130	5	20	67.5	79.5	355	52	6- $\varnothing 28$	2-M63X1.5	1486	414	330
355L	4,6,8,10	610	116	726	398	642	380	630	750	254	95	M24X50	170	160	5	25	86	100	355	52	6- $\varnothing 28$	2-M63X1.5	1516	444	330



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

Y2系列电动机是Y系列的改进设计，产品性能全面与国际IEC标准接轨，具有结构新颖、造型大方美观、振动小、噪音低、耐热和防护等级提高等特点，具有国际先进水平，是Y系列的换代产品。

Y2 series electric motor is the improvement type of Y series, all the performances are in conformity with IEC standard .It has the advantages such as perfect structure, attractive appearance, little vibration, low noise, heat resistance and high protection class, it reaches the international advanced level.



► 产品相关参数：

- 机座中心高：63 ~ 355mm
- 功率范围：0.12 ~ 315kW
- 额定电压：380V(其他电压需另订协议)
- 额定频率：50Hz(或60Hz)
- 防护等级：IP54(或IP55)
- 绝缘等级：F级/H级
- 工作制：S1
- 安装结构型式：B3(机座带底脚，端盖无凸缘)
B35(机座带底脚，端盖有凸缘)
B5(机座不带底脚，端盖有凸缘)

► Technical Data of Y2 Series：

- Centre height of frame size：63 ~ 355mm
- Power range：0.12~315kW
- Rated voltage:380V(special should order)
- Rated frequency：50Hz or 60Hz
- Protection class：IP54 or IP55
- Insulation class：F/H
- Duty type：S1
- Fixing Measurement of Y2 series：
B3 Frame with foot end. shield without flange
B35 Frame with foot end. shield with flange
B5 Frame without foot end. shield with flange

Y2系列三相异步电动机技术数据

Y2 series three phase asynchronous motor's technical data

型号 TYPE	额定 功率 Rated power (KW)	满载时Full load				堵转电流 Locked-rotor Current 额定电流 Rated Current Is/IN	堵转转矩 Locked-rotor torque 额定转矩 Rated torque Tsl/TN	最大转矩 Pull-our torque 额定转矩 Rated torque Tmax/TN	型号 TYPE	额定 功率 Rated power (KW)	满载时Full load				堵转电流 Locked-rotor Current 额定电流 Rated Current Is/IN	堵转转矩 Locked-rotor torque 额定转矩 Rated torque Tsl/TN	最大转矩 Pull-our torque 额定转矩 Rated torque Tmax/TN	
		转速 Speed (r/min)	电流 Current In(A)	效率 Efficiency η(%)	功率因数 POWER FACTOR (COS Φ)						转速 Speed (r/min)	电流 Current In(A)	效率 Efficiency η(%)	功率因数 POWER FACTOR (COS Φ)				
同步转速Synchronous Speed 3000r/min (2P)									Y2-71M2-6	0.25	850	0.95	59	0.68	4.0		2.0	
Y2-63M1-2	0.18	2720	0.53	65	0.8	5.5		2.2	Y2-80M1-6	0.37	890	1.30	62	0.7	4.7	1.9		
Y2-63M2-2	0.25	2720	0.69	68	0.81				Y2-80M2-6	0.55		1.79	65	0.72				
Y2-71M1-2	0.37	2740	0.99	70	0.81	6.1			Y2-90S-6	0.75	910	2.09	75.9	0.72	5.5	2.0		
Y2-71M2-2	0.55	2740	1.40	73	0.82				Y2-90L-6	1.1		2.93	78.1	0.73				
Y2-80M1-2	0.75	2830	1.77	77.4	0.83	7.0			Y2-100L-6	1.5	940	3.81	79.8	0.75	6.5	2.1		
Y2-80M2-2	1.1	2830	2.50	79.6	0.84				Y2-112M-6	2.2		5.38	81.8	0.76				
Y2-90S-2	1.5	2840	3.34	81.3	0.84	7.5			Y2-132S-6	3.0	960	7.20	83.3	0.76	7.0	2.0		
Y2-90L-2	2.2	2840	4.73	83.2	0.85				Y2-132M1-6	4.0		9.45	84.6	0.76				
Y2-100L-2	3.0	2870	6.19	84.6	0.87	7.5			Y2-132M2-6	5.5	970	12.6	86	0.77	7.0	2.1		
Y2-112M-2	4.0	2890	8.05	85.8	0.88				Y2-160M-6	7.5		17.0	87.2	0.77				
Y2-132S1-2	5.5	2900	10.9	87	0.88	7.5			Y2-160L-6	11	980	24.2	88.7	0.78	7.0	2.0		
Y2-132S2-2	7.5	2900	14.7	88.1	0.88				Y2-180L-6	15		31.4	89.7	0.81				
Y2-132M-2	9	2900	17.6	88.1	0.88	7.5			Y2-200L1-6	18.5	990	38.4	90.4	0.81	7.0	2.1		
Y2-160M1-2	11	2930	21.0	89.4	0.89				Y2-200L2-6	22		44.3	90.9	0.83				
Y2-160M2-2	15	2930	28.4	90.3	0.89	7.5			Y2-225M-6	30	980	59.2	91.7	0.84	7.0	2.0		
Y2-160L-2	18.5	2930	34.4	90.9	0.9				Y2-250M-6	37		70.9	92.2	0.86				
Y2-180M-2	22	2940	40.7	91.3	0.9	7.5			Y2-280S-6	45	980	85.8	92.7	0.86	7.0	2.1		
Y2-200L1-2	30	2950	55.1	92	0.9				Y2-280M-6	55		104	93.1	0.86				
Y2-200L2-2	37	2950	67.5	92.5	0.9	7.5			Y2-280M1-6	75	990	141	93.1	0.86	7.0	2.0		
Y2-225M-2	45	2970	81.8	92.9	0.9				Y2-315S-6	75		141	93.7	0.86				
Y2-250M-2	55	2970	99.6	93.2	0.9	7.5			Y2-315M-6	90	990	169	94	0.86	7.0	2.0		
Y2-280S-2	75	2970	135	93.8	0.91				Y2-315L1-6	110		206	94.3	0.86				
Y2-280M-2	90	2970	160	94.1	0.91	7.5			Y2-315L2-6	132	990	244	94.6	0.87	7.0	1.9		
Y2-315S-2	110	2980	195	94.3	0.91				Y2-355M1-6	160		291	94.8	0.88				
Y2-315M-2	132	2980	233	94.6	0.91	7.5			Y2-355M3-6	185	990	337	94.9	0.88	7.0	2.0		
Y2-315L1-2	160	2980	279	94.8	0.92				Y2-355M2-6	200		363	95	0.88				
Y2-315L2-2	200	2980	348	95	0.92	7.5			Y2-355L1-6	220	990	400	95	0.88	7.0	2.0		
Y2-355M1-2	220	2980	382	95	0.92				Y2-355L-6	250		454	95	0.88				
Y2-355M2-2	250	2980	435	95	0.92	7.5			Y2-355L2-6	280	990	509	95	0.88	7.0	2.0		
Y2-355L1-2	280	2980	487	95	0.92				同步转速Synchronous Speed 750/min (8P)									
Y2-355L2-2	315	2980	548	95	0.92				Y2-80M1-8	0.18	630	0.88	51	0.61	3.3		1.9	
同步转速Synchronous Speed 1500/min (4P)									Y2-80M2-8	0.25	640	1.15	54	0.61	4.0	1.8		
Y2-63M1-4	0.12	1310	0.44	57	0.72	4.4		2.2	Y2-90S-8	0.37	660	1.49	62	0.61				
Y2-63M2-4	0.18		0.62	60	0.73				Y2-90L-8	0.55		2.17	63	0.61				
Y2-71M1-4	0.25	1330	0.79	65	0.74	5.2			Y2-100L1-8	0.75	690	2.40	71	0.67	5.0	1.9		
Y2-71M2-4	0.37		1.12	67	0.75				Y2-100L2-8	1.1		3.32	73	0.69				
Y2-80M1-4	0.55	1390	1.57	71	0.75	6.0			Y2-112M-8	1.5	710	4.40	73	0.69	6.0	2.0		
Y2-80M2-4	0.75		1.88	79.6	0.76				Y2-132S-8	2.2		6.04	75	0.71				
Y2-90S-4	1.1	1400	2.67	81.4	0.77	7.0			Y2-132M-8	3.0	720	7.90	78	0.73	6.6	1.9		
Y2-90L-4	1.5		3.48	82.8	0.79				Y2-160M1-8	4.0		10.3	79	0.73				
Y2-100L-4	2.2	1430	4.90	84.3	0.81	7.0			Y2-160M2-8	5.5	730	13.6	81	0.74	6.6	1.9		
Y2-100L2-4	3.0		6.50	85.5	0.82				Y2-180L-8	7.5		17.8	83	0.75				
Y2-112M-4	4.0	1440	8.56	86.6	0.82	7.0			Y2-180L-8	11	740	21.1	85.5	0.76	6.6	1.9		
Y2-132S-4	5.5		11.5	87.7	0.83				Y2-200L-8	15		34.1	87.5	0.76				
Y2-132M1-4	7.5	1440	15.3	88.7	0.84	7.0			Y2-225S-8	18.5	740	41.1	88	0.76	6.6	1.9		
Y2-132M2-4	9		18.3	89.2	0.84				Y2-225M-8	22		47.4	90	0.78				
Y2-160M-4	11	1460	22.2	89.8	0.84	7.5			Y2-250M-8	30	740	63.4	90.5	0.79	6.6	1.9		
Y2-160L-4	15		29.6	90.6	0.85				Y2-280S-8	37		77.8	91	0.79				
Y2-180M-4	18.5	1470	35.8	91.2	0.86	7.5			Y2-280M-8	45	740	94.1	91.5	0.79	6.6	1.9		
Y2-180L-4	22		42.4	91.6	0.86				Y2-315S-8	55		111	92	0.81				
Y2-200L-4	30	1480	57.4	92.3	0.86	7.2			Y2-315M-8	75	740	151	92.5	0.81	6.6	1.9		
Y2-225S-4	37		69.7	92.7	0.87				Y2-315L1-8	90		178	93	0.82				
Y2-225M-4	45	1480	84.4	93.1	0.87	7.2			Y2-315L2-8	110	740	217	94	0.82	6.6	1.9		
Y2-250M-4	55		103	93.5	0.87				Y2-355M1-8	132		261	93.7	0.82				
Y2-280S-4	75	1480	139	94	0.87	7.2			Y2-355M2-8	160	740	315	94.2	0.82	6.6	1.9		
Y2-280M-4	90		167	94.2	0.87				Y2-355L1-8	185		359	94.4	0.83				
Y2-315S-4	110	1490	201	94.5	0.88	6.9			Y2-355L-8	200	740	387	94.5	0.83	6.6	1.9		
Y2-315M-4	132		241	94.7	0.88				Y2-355L2-8	220		420	94.7	0.84				
Y2-315L1-4	160	1490	288	94.9	0.89	6.9			同步转速Synchronous Speed 600/min (10P)									
Y2-315L2-4	200		359	95.1	0.89				Y2-315S-10	45	590	99.6	91.5	0.75	6.2	1.5		
Y2-355M1-4	220	395	95.1	0.89	Y2-315M-10	55	121	92	0.75									
Y2-355M-4	250	1490	444	95.1	0.90	6.9			Y2-315L1-10	75	590	162	92.5	0.76	6.2	1.5		
Y2-355L1-4	280		497	95.1	0.90				Y2-315L2-10	90		191	93	0.77				
Y2-355L-4	315	1490	559	95.1	0.90	6.9			Y2-355M1-10	110	590	230	93.2	0.78	6.2	1.5		
同步转速Synchronous Speed 1000/min (6P)									Y2-355M2-10	132		275	93.5	0.78				
Y2-71M1-6	0.18	850	0.74	56	0.66	4.0	1.9	2.0	Y2-355L-10	160		333	93.5	0.78	6.0	1.3		



Y2系列低压大功率三相异步电动机

Y2系列低压大功率三相异步电动机技术数据

Y2 series low voltage high power three phase asynchronous

型号 TYPE	额定功率 Ratedpower(KW)		转速 Speed (r/min)	电流Current In(A)			效率 Efficiency η(%)	功率因数 POWERFACTOR (COS Φ)	额定转矩 Tn N.m	堵转转矩 Locked-rolor torque	最大转矩 Pull-out torque	堵转电流 Locked-rolor Current	惯量 Inertia 10 ⁻³ kgm ²	噪声 noise dB(A)	重量 weight (kg)
	KW	HP		380V	400V	660V				额定转矩 Rated torque Tst/TN	额定转矩 Rated torque Tmax/TN	额定电流 Rated Current Ist/IN			
同步转速Synchronous Speed 1500r/min (4P)															
Y2-355L1-4	355	475	1485	636	604	350	96.4	0.88	2283	1.93	2.6	6.50	9.50	110	2150
Y2-355L2-4	400	535	1485	716	680	395	96.4	0.88	2572	1.80	2.6	6.50	10.60	110	2300
Y2-355L3-4	450	600	1485	797	757	439	96.4	0.89	2894	1.80	2.6	6.50	11.50	111	2460
Y2-400M1-4	400	535	1492	700	666	645	96.0	0.90	2510	1.92	2.75	6.61	14.95	111	2786
Y2-400M2-4	450	600	1492	785	760	726	96.1	0.90	2880	2.03	2.81	6.84	15.63	111	3122
Y2-400L1-4	500	670	1492	869	831	807	96.4	0.90	3203	1.83	2.52	6.19	18.41	111	3132
Y2-400L2-4	560	750	1492	971	824	893	96.4	0.90	3587	2.02	2.67	6.64	19.62	112	3548
Y2-400L3-4	630	840	1492	1092	1043	1011	96.4	0.91	4035	1.75	2.34	6.81	21.33	112	3589
Y2-450M1-4	560	750	1492	967	921	894	96.3	0.91	3570	1.29	2.71	6.43	35.10	111	3584
Y2-450M2-4	630	840	1492	1088	1036	1006	96.4	0.91	4020	1.47	2.9	6.94	41.00	111	4055
Y2-450L1-4	710	950	1492	1222	1164	1130	96.4	0.91	4530	1.3	2.67	6.17	41.00	111	4055
Y2-450L2-4	800	1070	1492	1373	1308	1270	96.6	0.93	5100	1.53	2.28	6.91	49.50	111	4724
Y2-450L3-4	900	1200	1492	1571	1496	1452	96.6	0.92	5740	1.75	2.34	6.81	49.50	111	4732
Y2-500L1-4	1120	1495	1490	1980	1853	1074	96.8	0.90	7178	0.9	2.0	7.00	52.50	115	5690
Y2-500L2-4	1250	1670	1490	2175	2068	1198	96.8	0.90	8012	0.9	2.0	7.00	59.30	115	5800
Y2-500L3-4	1400	1870	1490	2437	2315	1342	96.87	0.90	8973	0.9	2.0.	7.00	66.20	115	6150
同步转速Synchronous Speed 1000r/min (6P)															
Y2-355L1-6	315	430	990	590	557	323	96.5	0.85	3039	2.1	2.40	6.50	13.50	108	2310
Y2-355L2-6	355	475	990	683	628	364	96.7	0.85	3425	2.1	2.40	6.50	14.30	108	2490
Y2-355L3-6	400	535	990	746	706	409	96.8	0.85	3859	2.1	2.50	6.50	15.40	108	2630
Y2-400M1-6	315	430	994	571	552	635	96.8	0.86	3026	1.83	2.34	5.91	18.21	108	3000
Y2-400M2-6	355	475	994	647	624	599	96.9	0.86	3411	1.86	2.31	5.89	19.32	108	3410
Y2-400L1-6	400	536	994	730	701	685	96.9	0.86	3843	2.08	2.48	6.38	21.86	108	3560
Y2-400L2-6	450	600	994	813	783	766	96.9	0.86	4323	2.07	2.43	6.31	22.31	111	3840
Y2-400L3-6	500	670	994	908	871	851	96.1	0.86	4804	1.86	2.19	6.72	23.52	111	3870
Y2-400L4-6	560	750	994	1005	958	935	96.1	0.86	5380	1.85	2.22	5.88	24.46	111	4140
Y2-450M1-6	500	670	994	918	874	849	96.0	0.86	4785	1.61	2.34	5.99	49.30	108	3890
Y2-450M2-6	560	750	994	1027	978	950	96.1	0.86	5355	1.64	2.32	5.89	54.10	108	4200
Y2-450L1-6	630	840	994	1152	1097	1065	96.1	0.86	6025	1.65	2.3	5.99	60.60	108	4620
Y2-450L2-6	710	950	994	1297	1235	1199	96.9	0.86	6790	1.71	2.33	6.13	67.90	111	5080
Y2-450L3-6	800	1070	994	1460	1381	1341	96.5	0.87	7680	1.82	2.06	6.47	67.90	111	5080
Y2-500L1-6	900	1200	995	1630	1556	902	96.8	0.86	8638	1.80	2.30	6.50	68.70	113	5810
Y2-500L2-6	1000	1335	995	1819	1728	1002	96.8	0.86	9597	1.80	2.30	6.50	72.30	113	6050
Y2-500L3-6	1120	1455	995	2037	1936	1122	96.8	0.86	10749	1.80	2.30	6.50	75.10	113	6260
同步转速Synchronous Speed 750r/min (8P)															
Y2-355L1-8	225	300	740	460	457	253	95.2	0.78	2904	1.80	2.00	6.50	13.50	101	2230
Y2-355L2-8	250	340	740	511	485	281	95.3	0.78	3226	1.80	2.00	6.50	14.53	101	2460
Y2-355L3-8	315	430	740	642	610	354	95.5	0.78	4065	1.80	2.00	6.50	15.39	102	2750
Y2-400M1-8	250	340	745	473	456	261	95.3	0.84	3208	1.86	2.48	6.29	26.63	102	2914
Y2-400M2-8	280	380	745	523	503	293	95.3	0.84	3594	1.71	2.31	5.90	26.52	105	3970
Y2-400L1-8	315	430	745	590	566	325	95.5	0.85	4038	1.81	2.38	6.13	27.86	105	3392
Y2-400L2-8	355	483	745	667	641	366	95.6	0.85	4557	1.72	2.28	6.84	29.76	105	3592
Y2-400L3-8	400	544	745	750	723	412	95.6	0.85	5128	1.96	2.44	6.39	31.34	105	3949
Y2-450M1-8	315	425	746	612	583	337	95.4	0.82	4020	1.76	2.49	5.95	59.50	102	3840
Y2-450M2-8	355	480	745	684	651	379	95.5	0.82	4520	1.66	2.35	5.67	64.50	102	4090
Y2-450L1-8	400	540	745	765	729	421	95.7	0.83	4102	1.62	2.26	5.51	69.40	102	4350
Y2-450L2-8	450	600	745	858	817	474	95.7	0.83	4740	1.62	2.18	5.43	75.20	102	4660
Y2-450L3-8	500	675	745	969	913	527	96.7	0.83	6676	1.74	2.23	5.66	79.30	102	
Y2-500L1-8	710	950	745	1387	1556	764	96.0	0.81	9101	1.80	2.00	5.60	70.2	102	5750
Y2-500L2-8	800	1070	745	1600	1728	859	96.2	0.81	10255	1.80	2.00	5.60	73.2	102	5950
Y2-500L3-8	900	1200	745	1764	1935	966	96.2	0.81	11537	1.80	2.00	5.60	76.8	102	6150
同步转速Synchronous Speed 600r/min (10P)															
Y2-355L1-10	200	270	590	428	406	236	94.7	0.75	3237	1.50	2.40	6.10	17.60	98	2230
Y2-355L2-10	225	300	590	481	457	265	94.7	0.75	3641	1.50	2.40	6.10	19.40	98	2410
Y2-355L3-10	250	340	590	533	506	294	95.0	0.75	4047	1.50	2.40	6.10	21.30	98	2600
Y2-400M1-10	200	270	596	513	510	230	94.4	0.77	2969	1.88	2.93	6.30	18.56	99	2603
Y2-400M2-10	250	340	596	583	554	288	94.4	0.77	3210	1.87	2.9	6.28	19.37	99	2772
Y2-400L1-10	280	380	596	653	642	310	94.5	0.78	3531	1.82	2.93	6.17	21.95	99	2977
Y2-400L2-10	315	430	596	718	701	357	94.5	0.78	4013	1.77	2.73	6.06	22.75	102	3385
Y2-400L3-10	355	475	596	593	565	414	94.5	0.76	4494	2.12	2.13	6.78	23.67	102	3637
Y2-400L4-10	350	340	596	428	408	288	94.4	0.77	3190	1.88	2.93	6.30	48.60	99	3230
Y2-450M1-10	280	380	596	511	487	322	94.4	0.77	3085	1.87	2.9	6.28	53.60	102	3290
Y2-450M2-10	315	430	595	520	598	358	94.5	0.78	4940	1.82	2.83	6.17	58.50	102	3750
Y2-450L1-10	355	475	595	701	660	403	94.6	0.78	5660	1.77	2.73	6.03	64.50	102	4080
Y2-450L2-10	400	535	595	788	750	454	94.5	0.78	6375	2.12	1.13	6.78	71.40	102	4430
Y2-450L3-10	460	600	595	889	847	493	95.6	0.80	7175	1.89	2.45	5.36	79.30	102	4840
Y2-500L1-10	500	670	595	991	942	540	95.8	0.80	8025	1.30	1.80	5.20	71.30	102	5730
Y2-500L2-10	560	750	595	1096	1042	604	95.8	0.81	8988	1.30	1.80	5.20	74.50	102	5920
Y2-500L3-10	630	840	595	1231	1169	678	96.0	0.81	10112	1.30	1.80	5.20	78.50	102	6170

Y2系列低压大功率三相异步电动机
series low voltage high power three phase asynchronous motor

Y2系列低压大功率三相异步电动机是我公司在Y2系列的基础上充分吸取国内、先进外技术设计而成。大大地拓展了低压电动机的功率范围，更好的满足客户的需求。适应于驱动各种大型通用机械设备。

It is designed based on Y2 series and advanced technology home and abroad, largely expands the power range of low voltage motors, better to meet the customer demand .It is applicable to drive all kinds of large general machinery and equipment.

► 产品相关参数：

机座中心高：355~500mm

功率范围：200~1400kW

额定电压：380V(其他电压需另订协议)

额定频率：50Hz(或60Hz)

防护等级：IP55

绝缘等级：F级/H级

工作制：S1

► Technical Data :

Centre height of frame size: 355~500 mm

Power range: 200~1400 kW

Rated voltage:380V(special should order)

Rated frequency: 50Hz or 60Hz

Protection class: IP55

Insulation class: F/H

Duty type: S1

Y2系列低压大功率三相异步电动机技术数据

Y2 series low voltage high power three phase asynchronous

型号 TYPE	额定功率 Ratedpower		转速 Speed (r/min)	电流Current In(A)			效率 Efficiency η(%)	功率因数 POWER FACTOR (COS Φ)	额定转矩 Rated torque Tn N.m	堵转转矩
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Y2系列铝壳三相异步电动机

Y2系列铝壳三相异步电动机

Y2 series aluminum three phase asynchronous motor

Y2系列铝壳三相异步电动机为全封闭自扇式鼠笼型三相异步电动机，采用国家统一设计标准，具有高效节能、高起动转矩、噪音低、振动小、可靠性高、功率等级和安装尺寸符合国际电工委员IEC标准，使用维护方便等特点。该系列电机广泛应用于一般场所和无特殊要求的精密仪器上，特别适合于减速机、空压机、水泵、油泵、流水线、包装业、食品机械等行业。

Y 2 series aluMnium three -phase asynchronous motor is a Kind of TEFC squirrel cage motor with the national unified design, it has the characteristics Of high efficiency,energysaving, high starting torque, low noise, low vilbrantion and easy maintenance, the geade of power and the mounting mesasurement are subject to the IEC standard. This seriles motor is commonly used in the machinery without special req uirement specially for reducer,air compressor,water pump, oil pump, packaging and food machinery and so on.

► 产品相关参数:

- 机座中心高: 63 ~ 160mm
- 功率范围: 0.12 ~ 18.5kW
- 额定电压: 380V(其他电压需另订协议)
- 额定频率: 50Hz(或60Hz)
- 防护等级: IP55
- 绝缘等级: F级/H级
- 工作制: S1
- 安装结构型式: B3(机座带底脚, 端盖无凸缘)
B35(机座带底脚, 端盖有凸缘)
B5(机座无底脚, 端盖有凸缘)
B14(机座无底脚, 端盖有凸缘)

► Technical Data :

- Centre height of frame size: 63 ~ 160mm
- Power range: 0.12~18.5kW
- Rated voltage:380V(special should order)
- Rated frequency: 50Hz or 60Hz
- Protection class: IP55
- Insulation class: F/H
- Duty type: S1
- Fixing Measurement Of Y2 series:
B3 Franle with foot end. shield without flange
B35 Frame with foot end. shield with flange
B5 Frame without foot end. shield with flange
B14 Frame without foot end. shield with flange



Y2系列铝壳电动机轴承技术数据 Technical Data of Y2 series					
型号 Type	级数 Poles	轴伸端	Driver End	非轴伸端	Non -Driver End
		国内牌号 chinese	国际牌号 Intemational	国内牌号 chinese	国际牌号 Intemational
63	2-4	180201	6201 2RS-C3(6201ZZC3)	180201	6201 2RS-C3(6201ZZC3)
71	2-6	180202	6202 2RS-C3(6202ZZC3)	180202	6202 2RS-C3(6202ZZC3)
80	2-8	180204	6204 2RS-C3(6204ZZC3)	180204	6204 2RS-C3(6204ZZC3)
90	2-8	180205	6205 2RS-C3(6205ZZC3)	180205	6205 2RS-C3(6205ZZC3)
100	2-8	180206	6206 2RS-C3(6206ZZC3)	180206	6206 2RS-C3(6206ZZC3)
112	2-8	180206	6206 2RS-C3(6206ZZC3)	180206	6206 2RS-C3(6206ZZC3)
132	2-8	180208	6208 2RS-C3(6208ZZC3)	180208	6208 2RS-C3(6208ZZC3)
160	2-8	180309	6209 2RS-C3(6309ZZC3)	180309	6309 2RS-C3(6309ZZC3)

Y2系列铝壳三相异步电动机技术数据（外形安装尺寸见附录II）

Y2 series aluminum three phase asynchronous motor's tchnical data(dimensions see appendix II)

型号 TYPE	额定功率 Ratedpower(KW)		电流Current In(A)			转速 Speed (r/min)	效率 Efficiency η(%)	功率因数 POWER FACTOR (COS Φ)	额定转矩 Ratedtorque Tn N.m	堵转转矩 Locked-rotor torque	最大转矩 Pull-our torque	堵转电流 Locked-rotor Current	惯量 Inertia 10 ⁻³ kgm²	噪声 noise dB(A)	重量 weight (kg)
	kW	HP	380V	400V	415V					额定转矩 Rated torque Tst/TN	额定转矩 Rated torque Tmax/TN	额定电流 Rated Current Ist/IN			
同步转速Synchronous Speed 3000r/min (2Poles)															
Y2-63M1-2	0.18	0.25	0.53	0.50	0.49	2720	65	0.8	0.63	2.2	2.2	5.5	0.00031	58	4.8
Y2-63M2-2	0.25	0.35	0.69	0.66	0.63	2720	68	0.81	0.88	2.2	2.2	5.5	0.0006	58	5.1
Y2-71M1-2	0.37	0.5	0.99	0.94	0.91	2740	70	0.81	1.29	2.2	2.2	6.1	0.00075	61	6.0
Y2-71M2-2	0.55	0.75	1.4	1.33	1.28	2740	73	0.82	1.92	2.2	2.3	6.1	0.0009	61	6.5
Y2-80M1-2	0.75	1.0	1.77	1.68	1.62	2830	77.4	0.83	2.53	2.2	2.3	6.1	0.0012	64	8.7
Y2-80M2-2	1.1	1.5	2.50	2.38	2.29	2830	79.6	0.84	3.71	2.2	2.3	7.0	0.0014	64	9.5
Y2-90S-2	1.5	2.0	3.34	3.17	3.06	2840	81.3	0.84	5.04	2.2	2.3	7.0	0.0029	69	11.8
Y2-90L-2	2.2	3.0	4.73	4.49	4.33	2840	83.2	0.85	7.4	2.2	2.3	7.0	0.0055	69	13.5
Y2-100L-2	3.0	4.0	6.19	5.88	5.67	2870	84.6	0.87	9.98	2.2	2.3	7.5	0.0109	73	21
Y2-112M-2	4.0	5.5	8.05	7.65	7.37	2890	85.8	0.88	13.22	2.2	2.3	7.5	0.0126	74	28
Y2-132S1-2	5.5	7.5	10.9	10.4	10.0	2900	87	0.88	18.11	2.2	2.3	7.5	0.0377	77	39
Y2-132S2-2	7.5	10	14.7	14.0	13.5	2900	88.1	0.88	24.7	2.2	2.3	7.5	0.0499	77	44.5
Y2-132M-2	9	12	17.6	16.6	16.0	2900	88.1	0.88	29.6	2.2	2.3	7.5	0.051	77	46.5
Y2-160M1-2	11	15	21	20.0	19.2	2930	89.4	0.89	35.85	2.2	2.3	7.5	0.055	83	69.2
Y2-160M2-2	15	20	28.4	27.0	26.0	2930	90.3	0.89	48.89	2.2	2.3	7.5	0.075	83	78
Y2-160L-2	18.5	25	34.4	32.7	31.5	2930	90.9	0.90	60.3	2.2	2.3	7.5	0.124	83	88.5
同步转速Synchronous Speed 1500r/min (4Poles)															
Y2-63M1-4	0.12	0.18	0.44	0.42	0.40	1310	57	0.72	0.87	2.1	2.2	4.4	0.0005	48	4.8
Y2-63M2-4	0.18	0.25	0.62	0.59	0.57	1310	60	0.73	1.31	2.1	2.2	4.4	0.0006	48	5.1
Y2-71M1-4	0.25	0.35	0.79	0.75	0.72	1330	65	0.74	1.80	2.1	2.2	5.2	0.0008	53	6.0
Y2-71M2-4	0.37	0.5	1.12	1.06	1.03	1330	67	0.75	2.66	2.1	2.2	5.2	0.0013	53	6.3
Y2-80M1-4	0.55	0.75	1.57	1.49	1.44	1390	71	0.75	3.78	2.4	2.3	5.2	0.0018	58	9.4
Y2-80M2-4	0.75	1.0	1.88	1.79	1.72	1390	73	0.76	5.15	2.3	2.3	6.0	0.0021	58	10.8
Y2-90S-4	1.1	1.5	2.67	2.54	2.44	1400	75	0.77	7.5	2.3	2.3	6.0	0.0023	59	12
Y2-90L-4	1.5	2.0	3.48	3.31	3.19	1400	78	0.79	10.23	2.3	2.3	6.0	0.0027	59	13.8
Y2-100L1-4	2.2	3.0	4.9	4.66	4.49	1430	80	0.81	14.69	2.3	2.3	7.0	0.0054	61	21
Y2-100L2-4	3.0	4.0	6.5	6.18	5.95	1430	82	0.82	20.03	2.3	2.3	7.0	0.0067	61	23.5
Y2-112M-4	4.0	5.5	8.56	8.13	7.84	1440	84	0.82	26.53	2.3	2.3	7.0	0.0095	62	29.5
Y2-132S-4	5.5	7.5	11.5	10.9	10.5	1440	85	0.83	36.48	2.3	2.3	7.0	0.0214	69	41
Y2-132M-4	7.5	10	15.3	14.5	14.0	1440	87	0.84	49.74	2.3	2.3	7.0	0.0296	69	47.5
Y2-132M1-4	9	12	18.3	17.4	16.8	1440	87	0.84	59.69	2.3	2.3	7.0	0.03806	69	48.5
Y2-160M-4	11	15	22.2	21.1	20.3	1460	88	0.84	71.95	2.2	2.3	7.0	0.0747	72	72.5
Y2-160L-4	15	20	29.6	28.1	27.1	1460	89	0.85	98.12	2.2	2.3	7.5	0.0918	72	85.6
同步转速Synchronous Speed 1000r/min (6Poles)															
Y2-63M1-6	0.09	0.12	0.52	0.49	0.48	840	44	0.6	1.02	1.8	1.9	3.5	0.000025	48	4.8
Y2-63M2-6	0.12	0.18	0.63	0.63	0.58	840	48	0.6	1.36	1.8	1.9	3.5	0.0004	48	5.1
Y2-71M1-6	0.18	0.25	0.74	0.70	0.68	850	56	0.66	2.02	1.9	2.0	4.0	0.0011	49	6.0
Y2-71M2-6	0.25	0.37	0.95	0.90	0.87	850	59	0.68	2.81	1.9	2.0	4.0	0.0014	49	6.3
Y2-80M1-6	0.37	0.5	1.3	1.24	1.19	890	62	0.7	3.97	1.9	2.0	4.7	0.0016	51	8.9
Y2-80M2-6	0.55	0.75	1.79	1.70	1.64	890	65	0.72	5.90	1.9	2.1	4.7	0.0019	51	10.4
Y2-90S-6	0.75	1.0	2.09	1.99	1.91	910	69	0.72	7.87	2.0	2.1	5.5	0.0029	54	12.1
Y2-90L-6	1.1	1.5	2.93	2.78	2.68	910	72	0.73	11.54	2.0	2.1	5.5	0.0035	54	13.7
Y2-100L-6	1.5	2.0	3.81	3.62	3.49	940	76	0.75	15.24	2.0	2.1	5.5	0.0069	58	23
Y2-112M-6	2.2	3.0	5.38	5.11	4.93	940	79	0.76	22.35	2.0	2.1	6.5	0.014	62	28.2
Y2-132S-6	3.0	4.0	7.2	6.84	6.59	960	81	0.76	29.84	2.1	2.1	6.5	0.0286	66	40.3
Y2-132M1-6	4.0	5.5	9.45	8.89	8.65	960	82	0.76	39.79	2.1	2.1	6.5	0.0357	66	43
Y2-132M2-6	5.5	7.5	12.6	12.0	11.5	960	84	0.77	54.71	2.1	2.1	6.5	0.0449	66	47.2
Y2-160M-6	7.5	10	17	16.2	15.6	970	87	0.77	73.84	2.0	2.1	6.5	0.081	70	70.6
Y2-160L-6	11	15	24.2	23.0	22.2	970	89	0.78	108.3	2.0	2.1	6.5	0.116	70	85
同步转速Synchronous Speed 750r/min (8Poles)															
Y2-71M1-8	0.09	0.12	0.6	0.57	0.55	600	40	0.57	1.43	1.8	1.9	2.8	0.0008	48	6
Y2-71M2-8	0.12	0.18	0.71	0.67	0.65	600	45	0.57	1.91	1.8	1.9	2.8	0.001	48	6.3
Y2-80M1-8	0.18	0.25	0.88	0.84	0.81	630	51	0.61	2.73	1.8	1.9	3.3	0.0025	49	8.9
Y2-80M2-8	0.25	0.35	1.15	1.09	1.05	640	54	0.61	3.73	1.8	1.9	3.3	0.003	49	10.4
Y2-90S-8	0.37	0.5	1.49	1.42	1.36	660	62	0.61	5.35	1.8	1.9	4.0	0.0051	53	12.1
Y2-90L-8	0.55	0.75	2.17	2.06	1.99	660	63	0.61	7.96	1.8	2.0	4.0	0.0065	53	13.7
Y2-100L1-8	0.75	1.0	2.4	2.28	2.20	680	71	0.67	10.53	1.8	2.0	4.0	0.0095	56	23
Y2-100L2-8	1.1	1.5	3.32	3.15	3.04	680	73	0.69	15.45	1.8	2.0	5.0	0.011	56	25.1
Y2-112M-8	1.5	2.0	4.4	4.18	4.03	680	75	0.69	21.07	1.8	2.0	5.0	0.0245	59	28.2
Y2-132S-8	2.2	3.0	6.04	5.74	5.53	710	78	0.71	29.59	1.8	2.0	6.0	0.0314	61	40.3
Y2-132M-8	3.0	4.0	7.9	7.51	7.23	710	79	0.73	40.35	1.8	2.0	6.0	0.0395	61	45
Y2-160M1-8	4.0	5.5	10.3	9.79	9.43	720	81	0.73	53.06	1.9	2.0	6.0	0.0753	65	68.5
Y2-160M2-8	5.5	7.5	13.6	12.9	12.5	720	83	0.74	72.95	2.0	2.0	6.0	0.0931	65	76
Y2-160L-8	7.5	10	17.8	16.9	16.3	720	85.5	0.75	99.5	2.0	2.0	6.0	0.126	65	86.2



MS 系列铝壳三相异步电动机
series aluminum three phase asynchronous motor



MS 系列铝壳电机为全封闭式自扇式鼠笼型三相交流异步电动机，电机外壳全部采用铝合金压铸成型。铝壳电机因污染少而被称为电机行业的绿色产品，在很多发达国家很受欢迎。
该电机具有高效节能、起动转矩大、性能好、重量轻、造型美观、防护等级高、运行平稳可靠，并且脚底可拆卸，可变换多种安装形式，该电机广泛应用于一般场所和无特殊要求的精密机械上。典型应用于减速机、风机、水泵、空压机、流水线、包装业、食品机械、木工机械等。

MS series aluminum electric motor is a king of TEFC squirrel cageThree phase AC induction motor.The body is totally die-casting of aluminum alloy .It is popular in many developed countries because of its lower pollution,and it is considered as green product in the electric motor industry. The electric motor has the advange of high-efficiency,en ery-saving.high starting moment, good performance.light weight,attractive appearance,high protection class, run steadily, removable feet ,variable fixing methods etc .It is widely used in normal places and precision machinery without special requirements and is usually applied to speed reducer,blower, water pump,air compressor,pipelining,packing industry,food machinery and woodworker etc.

► 产品相关参数：

机座中心高：56~112mm
功率范围：0.06~4.0 kW
额定电压：380V
额定频率：50Hz(或60Hz)
防护等级：IP55
绝缘等级：F级/H级
工作制：S1

► Technical Data :

Centre height of frame size: 56~112mm
Power range: 0.06~4.0kW
Rated voltage:380V
Rated frequency: 50Hz or 60Hz
Protection class: IP55
Insulation class: F/H
Duty type: S1

MS 系列铝壳三相异步电动机

MS series aluminum three phase asynchronous motor's technical data

型号 Type	额定功率 Rated power		满载时Fullload				堵转电流 Locked-rotor Current	堵转转矩 Locked-rotor torque	最大转矩 Pull-out torque	负载噪声 Load noise dB(A)
	KW	HP	转速 Speed (r/min)	电流 Current (r/min)	效率 Efficiency η(%)	功率因数 Power factor (COS φ)	额定电流 Rated Current Ist/IN	额定转矩 Rated torque Tst/TN	额定转矩 Rated torque Tmax/TN	
同步转速Synchronous Speed 3000r/min (2P)										
MS561-2	0.09	0.12	2710	0.3	60	0.76	5.0	2.2	2.2	58
MS562-2	0.12	0.18	2710	0.37	63	0.78	5.0	2.2	2.2	58
MS631-2	0.18	0.25	2720	0.53	65	0.8	5.5	2.2	2.2	61
MS632-2	0.25	0.35	2720	0.69	68	0.81	5.5	2.2	2.2	61
MS711-2	0.37	0.50	2740	0.99	70	0.81	6.1	2.2	2.2	64
MS712-2	0.55	0.75	2740	1.4	73	0.82	6.1	2.2	2.3	64
MS801-2	0.75	1.0	2830	1.77	77.4	0.83	6.1	2.2	2.3	67
MS802-2	1.1	1.5	2830	2.5	79.6	0.84	7.0	2.2	2.3	67
MS90S-2	1.5	2.0	2840	3.34	81.3	0.84	7.0	2.2	2.3	72
MS90L-2	2.2	3.0	2840	4.73	83.2	0.85	7.0	2.2	2.3	72
MS100L-2	3.0	4.0	2870	6.19	84.6	0.87	7.5	2.2	2.3	76
MS112M-2	4.0.	5.0	2890	8.05	85.8	0.88	7.5	2.2	2.3	77
同步转速Synchronous Speed 1500r/min (4P)										
MS561-4	0.06	0.08	1300	0.27	50	0.68	4.4	2.1	2.2	50
MS562-4	0.09	0.12	1300	0.36	54	0.72	4.4	2.1	2.2	50
MS631-4	0.12	0.18	1310	0.44	57	0.82	4.4	2.1	2.2	52
MS632-4	0.18	0.25	1310	0.62	60	0.73	4.4	2.1	2.2	52
MS711-4	0.25	0.35	1330	0.79	65	0.74	5.2	2.1	2.2	55
MS712-4	0.37	0.5	1330	1.12	67	0.75	5.2	2.1	2.2	55
MS801-4	0.55	0.75	1390	1.57	71	0.75	5.2	2.4	2.3	58
MS802-4	0.75	1.0	1390	1.88	73	0.76	6.0	2.3	2.3	58
MS90S-4	1.1	1.5	1400	2.67	75	0.77	6.0	2.3	2.3	61
MS90L-4	1.5	2.0	1400	3.48	78	0.79	6.0	2.3	2.3	61
MS100L1-4	2.2	3.0	1430	4.90	80	0.81	7.0	2.3	2.3	64
MS100L2-4	3.0	4.0	1430	6.50	82	0.82	7.0	2.3	2.3	64
MS112M-4	4.0	5.5	1440	8.56	84	0.82	7.0	2.3	2.3	65
同步转速Synchronous Speed 1000r/min (6P)										
MS711-6	0.18	0.25	850	0.74	56	0.66	4.0	1.9	2.0	52
MS712-6	0.25	0.35	850	0.95	59	0.68	4.0	1.9	2.0	52
MS801-6	0.37	0.5	890	1.3	62	0.7	4.7	1.9	2.0	56
MS802-6	0.55	0.75	890	1.79	65	0.72	4.7	1.9	2.1	56
MS90S-6	0.75	1.0	910	2.09	69	072	5.5	2.0	2.1	59
MS90L-6	1.1	1.5	910	2.93	72	0.73	5.5	2.0	2.1	59
MS100L-6	1.5	2.0	940	3.81	76	0.76	5.5	2.0	2.1	61
MS112M-6	2.2	3.0	940	5.38	79	0.76	6.5	2.0	2.1	64



YD2、YDT2 系列变极多速异步电动机

YD2、YDT2 系列变极多速异步电动机
series pole-changing and multi-speed
asynchronous motor

YD2、YDT2系列电机采用绕组方法实现速度变换，其性能指标符合国际IEC标准：
广泛应用于各类有级调速设备，使整体结构紧凑、噪音降低、节约能源。

YD2、YDT2 Series motors are multi-speed by changing the winding poles, all
thePerform-ance are in accordance with IEC standard.It is widely used
on the Step apeed regulation machinery, makes them compact conformation,
lowerNoise and energy conservation.

► 产品相关参数：

机座中心高：80~280 mm
功率范围：0.35~82kW
额定电压：380V(其他电压需另订协议)
额定频率：50Hz(或60Hz)
防护等级：IP54 或（IP55）
绝缘等级：F/H级
工作制：S1

► Technical Data：

Centre height of frame：80~280 mm
Power range：0.35~82kW
Rated voltage:380V(special should order)
Rated frequency：50Hz or 60Hz
Protection class：IP54 或（IP55）
Insulation class：F/H
Duty type：S1



型号 TYPE		功率 Ourput KW	电流 Current In(A)	转速 Speed (r/min)	效率 Efficiency η(%)	功率因数 POWER FACTOR (COS φ)	堵转电流	堵转转矩	最大转矩	型号 TYPE		功率 Ourput KW	电流 Current In(A)	额定 转速 Speed (r/min)	效率 Efficiency η(%)	功率因数 POWER FACTOR (COS φ)	堵转电流	堵转转矩	最大转矩
							Locked-rotor Current Ist/IN	Locked-rotor torque Tst/TN	Pull-our torque Tmax/TN								Locked-rotor Current Ist/IN	Locked-rotor torque Tst/TN	Pull-our torque Tmax/TN
YD2-80M1-	4	0.45	1.4	1420	66	0.74	1.5	6.5	1.8	YDT-90S-	6	0.65	2.2	920	64	0.68	1.3	6.0	1.8
	2	0.55	1.5	2860	65	0.85	1.6	7.0	1.8		4	0.85	2.3	1420	70	0.79	1.4	6.5	1.8
YD2-80M2-	4	0.55	1.7	1420	68	0.74	1.5	6.5	1.8	YDT-90L-	6	0.85	2.8	930	66	0.7	1.3	6.0	1.8
	2	0.75	2.0	2860	66	0.85	1.6	7.0	1.8		4	1.1	3.0	1420	71	0.79	1.4	6.5	1.8
YD2-90S-	4	0.85	2.3	1430	74	0.77	1.5	6.5	1.8	YDT-100L1	6	1.3	3.8	940	74	0.7	1.3	6.0	1.8
	2	1.1	2.8	2850	71	0.85	1.6	7.0	1.8		4	1.8	4.4	1440	77	0.8	1.4	6.5	1.8
YD2-90L-	4	1.3	3.3	1430	76	0.78	1.5	6.5	1.8	YDT-100L2	6	1.5	4.3	940	75	0.7	1.4	6.0	1.8
	2	1.8	4.3	2850	73	0.85	1.6	7.0	1.8		4	2.2	5.4	1440	77	0.8	1.4	6.5	1.8
YD2-100L1-	4	2.0	4.8	1430	78	0.81	1.5	6.5	1.8	YDT-112M-	6	2.2	5.7	960	78	0.75	1.4	6.0	1.8
	2	2.4	5.6	2850	76	0.86	1.6	7.0	1.8		4	2.8	6.7	1440	77	0.82	1.3	6.5	1.8
YD2-100L2-	4	2.4	5.6	1430	79	0.83	1.5	6.5	1.8	YDT-132S-	6	3.0	7.7	960	79	0.75	1.4	6.0	1.8
	2	3.0	6.7	2850	77	0.89	1.6	7.0	1.8		4	4.0	9.5	1440	78	0.82	1.3	6.5	1.8
YD2-112M-	4	3.3	7.4	1450	82	0.83	1.5	6.5	1.8	YDT-132M-	6	4.0	9.8	960	82	0.76	1.4	6.0	1.8
	2	4.0	8.6	2860	79	0.89	1.6	7.0	1.8		4	5.5	12.3	1440	80	0.85	1.3	6.5	1.8
YD2-132S-	4	4.5	9.8	1450	83	0.84	1.5	6.5	1.8	YDT2-160M-	6	6.5	15.1	970	84	0.78	1.4	6.0	1.8
	2	5.5	11.9	2880	79	0.89	1.6	7.0	1.8		4	8.0	17.4	1460	82	0.84	1.3	6.5	1.8
YD2-132M-	4	6.5	13.8	1450	84	0.85	1.5	6.5	1.8	YDT2-160L-	6	9.0	20.6	970	85	0.78	1.4	6.0	1.8
	2	8.0	17.1	2880	80	0.89	1.6	7.0	1.8		4	11	23.4	1460	83	0.85	1.3	6.5	1.8
YD2-160M-	4	9.0	18.5	1460	87	0.85	1.5	6.5	1.8	YDT2-180M-	6	11	25.9	980	85	0.76	1.4	6.0	1.8
	2	11	22.9	2920	82	0.89	1.6	7.0	1.8		4	14	29.8	1470	84	0.85	1.3	6.5	1.8
YD2-160L-	4	11	22.3	1460	87	0.85	1.6	6.5	1.8	YDT2-180L-	6	13	29.4	980	86	0.78	1.4	6.0	1.8
	2	14	28.8	2940	82	0.9	1.5	7.0	1.8		4	16	33.6	1470	85	0.85	1.3	6.5	1.8
YD2-180M-	4	15	29.4	1470	89	0.87	1.6	6.5	1.8	YDT2-200L-	6	18.5	41.4	980	87	0.78	1.4	6.5	1.8
	2	18.5	36.7	2940	85	0.9	1.5	7.0	1.8		4	22	44.7	1460	86.5	0.86	1.3	7.0	1.8
YD2-180L-	4	18.5	35.9	1470	89	0.88	1.6	6.5	1.8	YDT2-225S-	6	22	44.2	980	88	0.86	1.4	6.5	1.8
	2	22	42.7	2950	86	0.91	1.5	7.0	1.8		4	28	56.2	1470	86.5	0.87	1.3	7.0	1.8
YD2-200L-	4	26	49.9	1470	89	0.89	1.4	6.5	1.8	YDT2-225M-	6	26	52.2	980	88	0.86	1.4	6.5	1.8
	2	30	58.3	2950	85	0.82	1.4	7.0	1.8		4	32	66	1470	85.5	0.9	1.3	7.0	1.8
YD2-225S-	4	32	60.7	1480	90	0.89	1.4	6.5	1.8	YDT2-250M-	6	32	62.1	980	90	0.87	1.4	6.5	1.8
	2	37	71.7	2960	86	0.92	1.4	7.0	1.8		4	42	74.7	1470	86.5	0.91	1.3	7.0	1.8
YD2-225M-	4	37	69.4	1480	91	0.89	1.4	6.5	1.8	YDT2-280S-	6	42	81.5	980	90	0.87	1.4	6.5	1.8
	2	45	86.4	2960	87	0.92	1.4	7.0	1.8		4	55	104.2	1470	87	0.9	1.3	7.0	1.8
YD2-250M-	4	45	84.4	1480	91	0.89	1.4	6.5	1.8	YDT2-280M-	8	55.5	106.7	990	90	0.87	1.4	6.5	1.8
	2	52	103.2	2960	88	0.92	1.4	7.0	1.8		4	67	138.1	1480	87	0.89	1.3	7.0	1.8
YD2-280S-	4	60	111.3	1480	91	0.9	1.4	6.5	1.8	YDT2-90L-	8	0.45	1.9	680	58	0.63	1.5	5.5	1.8
	2	72	135.3	2970	88	0.92	1.4	7.0	1.8		4	0.75	1.92	1420	72	0.87	1.5	6.5	1.8
YD2-280M-	4	72	133.6	1480	91	0.9	1.4	6.5	1.8	YDT2-100L-	8	0.85	3.1	700	67	0.63	1.5	5.5	1.8
	2	82	152.2	2970	88	0.93	1.4	7.0	1.8		4	1.5	3.5	1420	74	0.88	1.5	6.5	1.8

型号 TYPE		功率 Ourput KW	电流 Current In(A)	转速 Speed (r/min)	效率 Efficiency η(%)	功率因数 POWER FACTOR (COS φ)	堵转电流	堵转转矩	最大转矩	型号 TYPE		功率 Ourpt KW	电流 Current In(A)	转速 Speed (r/min)	效率 Efficiency η(%)	功率因数 POWER FACTOR (COS φ)	堵转电流	堵转转矩	最大转矩
							Locked-rotor Current Ist/IN	Locked-rotor torque Tst/TN	Pull-our torque Tmax/TN								Locked-rotor Current Ist/IN	Locked-rotor torque Tst/TN	Pull-our torque Tmax/TN
YD2-112M-	8	1.5	5.0	700	72	0.63	1.5	5.5	1.8	YDT2-160M-	6	3.7	9.5	980	82	0.72	1.3	5.5	1.8
	4	2.4	5.3	1420	78	0.88	1.5	6.5	1.8		4	5.0	11.2	1470	81	0.84	1.3	6.0	1.8
YD2-132S-	8	2.2	7.0	720	75	0.64	1.5	5.5	1.8		2	6.0	13.2	2930	76	0.91	1.3	7.0	1.8
	4	3.0	9.1	1440	80	0.88	1.5	6.5	1.8	6	4.5	11.4	980	83	0.72	1.3	5.5	1.8	
	8	3.3	7.0	720	78	0.65	1.5	5.5	1.8	4	7.0	15.1	1470	83	0.85	1.3	6.0	1.8	
YD2-132M-	4	4.5	9.4	1440	82	0.89	1.5	6.5	1.8	2	9.0	18.8	2930	79	0.92	1.3	7.0	1.8	
YD2-160M-	8	5.0	13.9	730	83	0.66	1.5	5.5	1.8	8	0.65	2.7	700	59	0.63	1.3	4.5	1.8	
	4	7.5	15.2	1450	84	0.89	1.5	6.5	1.8	4	2.0	5.1	1450	74	0.81	1.3	6.0	1.8	
YD2-160L-	8	7.0	19	730	85	0.66	1.5	6.0	1.8	2	2.4	5.8	2920	74	0.85	1.3	7.0	1.8	
	4	11	21.8	1470	86	0.89	1.5	7.0	1.8	8	1.0	3.6	720	69	0.61	1.3	4.5	1.8	
	8	11	26	730	87	0.72	1.5	6.0	1.8	4	2.6	6.1	1460	78	0.83	1.3	6.0	1.8	
YD2-180L	4	17	31.9	1470	88	0.91	1.5	7.0	1.8	2	3.0	7.1	2910	74	0.87	1.3	7.0	1.8	
	8	14	33	740	87	0.74	1.5	6.0	1.8	8	1.3	4.6	720	71	0.61	1.3	4.5	1.8	
	4	22	41.3	1470	88	0.92	1.5	7.0	1.8	YDT2-132M-	4	3.7	8.4	1460	80	0.84	1.3	6.0	1.8
YD2-200L1-	8	17	40.1	740	87	0.74	1.5	6.0	1.8	2	4.5	10	2910	75	0.91	1.3	7.0	1.8	
	4	26	48.8	1470	88	0.92	1.5	7.0	1.8	8	2.2	7.6	720	75	0.59	1.3	4.5	1.8	
YD2-200L2-	8	24	53.2	740	89	0.77	1.5	6.0	1.8	YDT2-160M-	4	5.0	11.2	1440	81	0.84	1.3	6.0	1.8
	4	34	66.7	1470	88	0.88	1.5	7.0	1.8	2	6.0	13.2	2910	76	0.91	1.3	7.0	1.8	
	8	30	64.9	740	90	0.78	1.5	6.0	1.8	8	2.8	9.2	720	77	0.6	1.3	4.5	1.8	
YD2-250M	4	42	78.8	1480	89	0.91	1.5	7.0	1.8	YDT2-160L-	4	7.0	15.1	1440	83	0.85	1.3	6.0	1.8
	8	40	83.5	740	91	.8	1.5	6.0	1.8	2	9.0	18.8	2910	79	0.92	1.3	7.0	1.8	
	4	55	102	1480	90	0.91	1.5	7.0	1.8	8	0.85	3.7	710	62	0.56	1.3	5.5	1.8	
YD2-280S-	8	47	96.9	740	91	0.81	1.5	5.0	1.8	6	1.0	3.1	950	68	0.73	1.3	6.5	1.8	
YD2-280M-	4	67	122.9	1480	90	0.92	1.5	6.0	1.8	4	1.5	3.5	1440	75	0.86	1.4	7.0	1.8	
	8	0.35	1.6	680	56	0.6	1.5	5.0	1.8	YDT2-132S-	8	1.1	4.1	730	68	0.6	1.3	5.5	1.8
	6	0.45	1.4	930	70	0.72	1.5	6.0	1.8	6	1.5	4.2	970	74	0.73	1.3	6.5	1.8	
YD2-90L-	8	0.45	1.9	680	59	0.6	1.5	5.0	1.8	4	1.8	4.0	1460	78	0.87	1.3	7.0	1.8	
	6	0.65	1.9	930	71	0.73	1.5	6.0	1.8	8	1.5	5.2	730	71	0.62	1.3	5.5	1.8	
YD2-100L-	8	0.75	2.9	710	65	0.6	1.5	5.0	1.8	YDT2-132M1-	6	2	5.4	970	77	0.73	1.3	6.5	1.8
	6	1.1	3.1	950	75	0.73	1.5	6.0	1.8	4	2.2	4.9	1460	79	0.87	1.4	7	1.8	
	8	1.3	4.5	710	72	0.61	1.5	5.0	1.8	8	1.8	6.3	730	72	0.62	1.3	5.5	1.8	
YD2-112M-	6	1.8	4.8	950	78	0.73	1.5	6.0	1.8	YDT2-132M2-	6	2.6	6.8	970	78	0.74	1.3	6.5	1.8
YD2-132S-	8	1.8	5.8	730	76	0.62	1.5	5.0	1.8	4	3	6.5	1460	80	0.87	1.4	7	1.8	
	6	2.4	6.2	970	80	0.73	1.5	6.0	1.8	8	3.3	10.2	720	79	0.62	1.6	5.5	1.8	
YD2-132M-	8	2.6	8.2	30	78	0.62	1.5	5.0	1.8	YDT2-160M-	6	4	9.9	960	81	0.76	1.5	6.5	1.8
	6	3.7	9.4	970	82	0.73	1.5	6.0	1.8	4	5.5	11.6	1440	83	0.87	1.4	7	1.8	
YD2-160M-	8	4.5	13.3	730	83	0.62	1.5	5.0	1.8	YDT2-160L-	8	4.5	13.8	720	80	0.62	1.6	5.5	1.8
	6	6.0	14.7	980	85	0.73	1.5	6.0	1.8	6	6	14.5	960	83	0.76	1.5	6.5	1.8	
YD2-160L-	8	6.0	17.5	730	84	0.62	1.5	5.0	1.8	4	7.5	15.6	1440	84	0.87	1.4	7	1.8	
	6	8.0	19.4	980	86	0.73	1.5	6.0	1.8	8	7	18.5	740	81	0.65	1.6	6.5	1.8	
	8	7.5	21.9	730	84	0.62	1.5	5.0	1.8	YDT2-180L-	6	9	20.6	980	83	0.8	1.5	7	1.8
YD2-180M-	6	10	24.2	980	86	0.73	1.5	6.0	1.8	4	12	24.1	1470	84	0.9	1.4	7	1.8	
YD2-180L-	8	9.0	24.8	730	85	0.65	1.5	5.0	1.8	8	10	25.8	740	85	0.72	1.6	6.5	1.8	
	6	12	28.3	980	86	0.75	1.5	6.0	1.8	YDT2-200L-	6	13	28.7	980	86	0.81	1.5	7	1.8
YD2-200L1-	8	12	32.5	730	86	0.65	1.5	5.0	1.8	4	17	33.4	1470	86	0.9	1.4	7	1.8	
	6	17	39.1	980	87	0.76	1.5	6.0	1.8	8	14	34.3	740	86	0.7	1.6	6.5	1.8	
	8	15	40.3	730	87	0.65	1.5	5.0	1.8	YDT2-225S-	6	18.5	39.9	980	87	0.81	1.5	7	1.8
YD2-200L2-	6	20	45.4	980	88	0.76	1.5	6.0	1.8	4	24	46.6	1480	87	0.9	1.4	7	1.8	
YD2-225M-	8	15	33.1	730	88	0.78	1.5	5.0	1.8	8	17	42.4	740	87	0.7	1.2	6.5	1.8	
	6	30	58.5	980	90	0.86	1.5	6.0	1.8	6	22	43.2	980	87	0.85	1.5	7	1.8	
YD2-160M-	12	2.6	11.6	730	74	0.46	1.2	4.0	1.8	4	28	34.3	1480	87	0.9	1.4	7	1.8	
	6	5.0	11.9	980	84	0.76	1.3	6.0	1.8	YDT2-250M-	8	24	55.3	740	88	0.75	1.2	6.5	1.8
	12	3.7	16.4	480	76	0.46	1.2	4.0	1.8	6	26	52.8	990	88	0.85	1.5	7	1.8	
YD2-160L-	6	7.0	15.8	970	85	0.79	1.3	6.0	1.8	4	34	63.1	1480	88	0.92	1.4	7	1.8	
YD2-180L	12	5.5	19.6	480	79	0.54	1.2	4.0	1.8	8	30	68.1	740	89	0.75	1.2	6.5	1.8	
	6	10	20.5	970	86	0.86	1.3	6.0	1.8	YDT2-280S-	6	34	67.5	990	89	0.86	1.5	7	1.8
YD2-200L1-	12	7.5	25.1	490	83	0.56	1.2	4.0	1.8	4	42	77.9	1480	89	0.92	1.4	7	1.8	
	6	13	26.4	980	87	0.86	1.3	6.0	1.8	8	34	77.1	740	89	0.75	1.2	6.5	1.8	
	12	9.0	28.9	490	83	0.57	1.2	4.0	1.8	YDT2-280M-	6	37	73.4	990	89	0.86	1.5	7	1.8
YD2-200L2-	6	15	30.4	980	87	0.87	1.3	6.0	1.8	4	50	91.8	1480	89	0.92	1.4	7	1.8	
YD2-225M-	12	12	35.8	490	85	0.61	1.2	4.0	1.8	12	3.3	13	480	72	0.55	1.3	5	1.8	
	6	20	39.7	980	88	0.87	1.3	6.0	1.8	8	5	16	740	79	0.62	1.3	6	1.8	
YD2-250M-	12	15	42.9	490	86	0.63	1.2	4.0	1.8	6	6.5	14	970	82	0.88	1.3	6	1.8	
	6	24	47.6	980	89	0.87	1.3	6.0	1.8	4	9	19	1470	83	0.89	1.3	7	1.8	
	12	20	54.8	490	88	0.65	1.2	4.0	1.8	12	5.5	20	490	75	0.56	1.3	5	1.8	
YD2-280S-	6	30	58.9	980	89	0.87	1.3	6.0	1.8	8	8	22	740	81	0.67	1.3	6	1.8	
YD2-280M-	12	24	63.7	490	88	0.65	1.2	4.0	1.8	YDT2-200L2-	6	10	21	980	83	0.88	1.3	6	1.8
	6	37	72.6	990	89	0.87	1.3	6.0	1.8	4	13	27	1480	84	0.88	1.3	7	1.8	
YD2-100L-	6	0.75	2.6	950	67	0.65	1.3	5.5	1.8	12	7	21	490	81	0.63	1.3	5	1.8	
	4	1.3	3.7	1440	72	0.75	1.3	6.0	1.8	8	11	27.6	740	84	0.72	1.3	6	1.8	
YDF2-112M-	2	1.8	4.5	2900	71	0.85	1.3	7.0	1.8	YDT2-225M-	6	13	26	980	85	0.88	1.3	6	1.8
	6	1.1	3.5	960	73	0.65	1.3	5.5	1.8	4	20	39	1480	86	0.9	1.3	7	1.8	
YDF2-132S-	4	2.0	5.1	1450	74	0.81	1.3	6.0	1.8	12	9	26	490	82	0.63	1.3	5.0	1.8	
	2	2.4	5.8	2920	74	0.85	1.3	7.0	1.8	8	14	34	740	85	0.73	1.3	6.0	1.8	
	6	1.8	5.1	970	75	0.71	1.3	5.5	1.8	YDT2-250M-	6	16	33	990	85	0.88	1.3	6.0	1.8
	4	2.6	6.1	1460	78	0.83	1.3	6.0	1.8	4	26	49	1480	87	0.92	1.3	7.0	1.8	
YDF2-132M1-	2	3.0	7.4	2910	71	0.87	1.3	7.0	1.8	12	11	32	490	83	0.63	1.3	5.0	1.8	
	6	2.2	6.0	970	77	0.72	1.3	5.5	1.8	8	18.5								



YEJ2、YDEJ2 系列电磁制动三相异步电动机

YEJ2、YDEJ2 系列电磁制动三相异步电动机
series electromagnetic brake three phase asynchronous motor

YEJ2、YDEJ2 系列电磁制动电动机是YEJ的改进产品，符合国家标准JB/T6456要求，电气性能满足Y2系列电机技术标准。YDEJ2是YEJ2系列的延伸产品。

该系列制动电动机在电机拖动轴端装有电磁制动器，当电机失电时，电磁制动器的制动盘自动与电机后盖压合，产生摩擦制动力矩，使电机停转，空载制动时间随机座由小到大，为0.15~0.45S。制动器电源必须与拖动电机主电源同步进行。YEJ2、YDEJ2系列电机广泛用于机械加工机床和输送机械及包装、木工、食品、化工、纺织、建筑、商店、卷门等机械作为驱动力。

YEJ2, YDEJ2 series electromagnetic brake motor are improved products of YEJ series it is in accordance with JB / T6456 requirements, and its Electrical performance is in accord with Y2 series technical standard.The electric Power of the controller should be synchronized with the Electric power of the motor.The electric motors are equipped the electromagnetic brake on the non—shaft end , when electricity off ,retarding disc will automatically press in end —shield which produce friction brake torque and stop the running of motor , the no—load brake duration is changed with the frame size of the motor, the range is 0.15–0.45 seconds . This kind of motor is considered as the driving force of various machinery and widely used in mechanical workout machine tool,transport machinery package, woodworking,food,chemical engineering,textile,construcyion,shop,rolldoor machinery.

► 产品相关参数：

- 机座中心高：63~225mm
- 控制器电源：3kW交流220V（整流后99V）
3kW以上交流380V（整流后170V）
- 功率范围：0.12~90kW
- 额定电压：380V(其他电压需另订协议)
- 额定频率：50Hz(或60Hz)
- 防护等级：IP54(或IP55)
- 绝缘等级：F/H级
- 工作制：S1

► Technical Data :

- Centre height of frame: 63~225mm
- Controller's power:center height of frame : ≤3kW,AC220V
(after commutate 99V)
Center height of frame : ≥3kW,AC380V
(after commutate 170V)
- Power range: 0.12~90kW
- Rated voltage:380V or order
- Rated frequency: 50Hz or 60Hz
- Protection class: IP54 or IP55
- Insulation class: F/H
- Duty type: S1



YDEJ2 系列电磁制动三相异步电动机技术数据（外形安装尺寸见附录I-1、2、3）

YDEJ2 series electromagnetic brake three phase asynchronous motor's technical data
Dimensions see appendix I-1、2、3

型号 Type	功率 Our put	转速 Speed	电流 Current	效率 Efficiency	功率因数 Power factor	静制动力矩 Static Braking torque	空载制动时间 No-load brakelag time	励磁功率 Energizing power	堵转转矩 Locked-rotor torque	最大转矩 Pull-our torque	堵转电流 Locked-rotor Current	重量 weight (Kg)
	kW	(r/min)	(A)	η(%)	(COS ϕ)	(N.m)	(S)	(W)	额定转矩 Rated torque	额定转矩 Rated torque	额定电流 Rated Current	
									Tst/TN	Tmax/TN	Ist/IN	
同步转速3000转/分（2级） Synchronous Speed 3000r/min (2Poles)												
YDEJ2-63M1-2	0.18	2720	0.53	65	0.8	4.0	0.2	18	5.5	2.2	2.2	12
YDEJ2-63M2-2	0.25	2720	0.69	68	0.81	4.0	0.2	18	5.5	2.2	2.2	13
YDEJ2-71M1-2	0.37	2470	0.99	70	0.81	4.0	0.2	18	6.1	2.2	2.2	14
YDEJ2-71M2-2	0.55	2740	1.4	73	0.82	4.0	0.2	18	6.1	2.2	2.3	15
YDEJ2-80M1-2	0.75	2845	1.83	75	0.83	7.5	0.2	30	7.0	2.2	2.3	19
YDEJ2-80M2-2	1.1	2840	2.58	77	0.84	7.5	0.2	30	7.0	2.2	2.3	20
YDEJ2-90S-2	1.5	2840	3.43	79	0.84	15	0.2	50	7.0	2.2	2.3	25
YDEJ2-90L-2	2.2	2840	4.85	81	0.85	15	0.2	50	7.5	2.2	2.3	29

型号 Type	功率 Our put	转速 Speed	电流 Current	效率 Efficiency	功率因数 Power factor	静制动力矩 Static Braking torque	空载制动时间 No-load brakelag time	励磁功率 Energizing power	堵转转矩 Locked-rotor torque	堵转电流 Lock-rotor Current	最大转矩 Pull-our torque	重量 weight (Kg)
	kW	(r/min)	(A)	η(%)	(COS φ)	(N.m)	(S)	(W)	额定转矩 Rated torque Tst/TN	额定电流 Rated Current Ist/IN	额定转矩 Rated torque Tmax/TN	
同步转速3000转/分（2级） Synchronous Speed 3000r/min (2Poles)												
YDEJ2-100L-2	3.0	2860	6.31	83	0.87	30	0.2	65	7.5	2.2	2.3	38
YDEJ2-112M-2	4.0	2880	8.1	85	0.88	40	0.25	90	7.5	2.2	2.3	50
YDEJ2-132S1-2	5.5	2900	11	86	0.88	75	0.25	90	7.5	2.2	2.3	74
YDEJ2-132S2-2	7.5	2900	14.9	87	0.88	75	0.25	90	7.5	2.2	2.3	80
YDEJ2-132M-2	9	2900	17.8	87	0.88	75	0.25	90	7.5	2.2	2.3	84
YDEJ2-160M1-2	11	2930	21.3	88	0.89	150	0.35	150	7.5	2.2	2.3	134
YDEJ2-160M2-2	15	2930	28.8	89	0.89	150	0.35	150	7.5	2.2	2.3	141.5
YDEJ2-160L-2	18.5	2930	34.7	90	0.9	150	0.35	150	7.5	2.2	2.3	164
YDEJ2-180M-2	22	2940	41	90	0.9	200	0.35	200	7.5	2.0	2.3	209
YDEJ2-200L1-2	30	2950	55.5	91.2	0.9	300	0.45	200	7.5	2.0	2.3	285
YDEJ2-200L2-2	37	2950	67.9	82	0.9	300	0.45	200	7.5	2.0	2.3	300
YDEJ2-225M-2	45	2950	82.3	92	0.9	450	0.45	200	7.5	2.0	2.3	362
同步转速1500转/分（4级） Synchronous Speed 1500r/min (4Poles)												
YDEJ2-63M1-4	0.12	1310	0.44	57	0.72	4.0	0.2	18	4.4	2.1	2.2	13
YDEJ2-63M2-4	0.18	1310	0.62	60	0.73	4.0	0.2	18	4.4	2.1	2.2	14
YDEJ2-71M1-4	0.25	1330	0.79	65	0.74	4.0	0.2	18	5.2	2.1	2.2	15
YDEJ2-71M2-4	0.37	1330	1.12	67	0.75	4.0	0.2	18	5.2	2.1	2.2	16
YDEJ2-80M1-4	0.55	1390	1.57	71	0.75	7.5	0.2	30	5.2	2.4	2.0	19
YDEJ2-80M2-4	0.75	1390	2.03	73	0.76	7.5	0.2	30	6.0	2.3	2.0	20
YDEJ2-90S-4	1.1	1380	2.89	75	0.77	15	0.2	50	6.0	2.3	2.0	26
YDEJ2-90L-4	1.5	1390	3.07	78	0.79	15	0.2	50	6.0	2.3	2.0	31
YDEJ2-100L-4	2.2	1390	5.16	80	0.81	30	0.2	65	7.0	2.3	2.0	39
YDEJ2-100L2-4	3.0	1410	6.78	82	0.82	30	0.2	80	7.0	2.3	2.0	43
YDEJ2-112M-4	4.0	1410	8.8	84	0.82	40	0.25	90	7.0	2.3	2.0	50
YDEJ2-132S-4	5.5	1435	11.7	85	0.83	75	0.25	90	7.0	2.3	2.0	78
YDEJ2-132M-4	7.5	1440	15.6	87	0.84	75	0.25	150	7.0	2.3	2.0	91
YDEJ2-132M1-4	9	1440	18.5	87	0.84	75	0.25	150	7.0	2.3	2.0	93
YDEJ2-160M-4	11	1440	22.3	88	0.84	150	0.35	150	7.0	2.2	2.0	140
YDEJ2-160L-4	15	1460	30.1	89	0.85	150	0.35	150	7.0	2.2	2.0	161
YDEJ2-180M-4	18.5	1470	36.5	90.5	0.86	200	0.35	150	7.5	2.2	2.0	210
YDEJ2-180L-4	22	1470	43.2	91	0.86	200	0.35	150	7.5	2.2	2.0	218
YDEJ2-200L-4	30	1470	57.6	92	0.86	300	0.45	200	7.2	2.2	2.0	315
YDEJ2-225S-4	37	1480	69.9	92.5	0.87	450	0.45	200	7.2	2.2	2.0	337
YDEJ2-225M-4	45	1480	84.7	92.8	0.87	450	0.45	200	7.2	2.2	2.0	345
同步转速1000转/分（6级） Synchronous Speed 1000r/min (6Poles)												
YDEJ2-71M1-6	0.18	850	0.74	56	0.66	4.0	0.2	18	4.0	1.9	2.0	9.5
YDEJ2-71M2-6	0.25	850	0.95	59	0.68	4.0	0.2	18	4.0	1.9	2.0	11
YDEJ2-80M1-6	0.37	885	1.3	62	0.7	7.5	0.2	30	4.7	1.9	2.0	20
YDEJ2-80M2-6	0.55	885	1.79	65	0.72	7.5	0.2	30	4.7	1.9	2.1	21
YDEJ2-90S-6	0.75	910	2.29	69	0.72	15	0.2	50	5.5	2.0	2.1	27
YDEJ2-90L-6	1.1	910	3.18	72	0.73	15	0.2	50	5.5	2.0	2.1	29
YDEJ2-100L-6	1.5	920	3.94	76	0.75	30	0.2	65	6.5	2.0	2.1	38
YDEJ2-112M-6	2.2	935	5.6	79	0.76	40	0.25	90	6.5	2.0	2.1	52
YDEJ2-132S-6	3.0	960	7.4	81	0.76	75	0.25	90	6.5	2.1	2.1	73
YDEJ2-132M1-6	4.0	960	9.8	82	0.76	75	0.25	90	6.5	2.1	2.1	83
YDEJ2-132M2-6	5.5	960	12.9	84	0.77	75	0.25	90	6.5	2.1	2.1	94
YDEJ2-160M-6	7.5	970	17	86	0.77	150	0.35	150	6.5	2.1	2.1	135
YDEJ2-160L-6	11	970	24.2	87	0.78	150	0.35	150	6.5	2.1	2.1	163
YDEJ2-180L-6	15	970	31.6	89	0.81	200	0.35	150	7.0	2.1	2.1	223
YDEJ2-200L1-6	18.5	970	38.6	90	0.83	300	0.45	200	7.0	2.1	2.1	277
YDEJ2-200L2-6	22	970	44.7	90	0.84	300	0.45	200	7.0	2.1	2.1	295
YDEJ2-225M-6	30	980	59.3	91.5	0.86	450	0.45	200	7.0	2.0	2.1	345
同步转速750转/分（8级） Synchronous Speed 750r/min (8Poles)												
YDEJ2-80M1-8	0.18	645	0.88	51	0.61	7.5	0.2	30	3.3	1.8	1.9	19
YDEJ2-80M2-8	0.25	645	1.15	54	0.61	7.5	0.2	50	3.3	1.8	1.9	21
YDEJ2-90S-8	0.37	670	1.49	62	0.61	15	0.2	50	4.0	1.8	1.9	25
YDEJ2-90L-8	0.55	670	2.18	63	0.61	15	0.2	50	4.0	1.8	2.0	27
YDEJ2-100L-8	0.75	680	2.17	71	0.67	30	0.2	65	4.0	1.8	2.0	32
YDEJ2-100L2-8	1.1	680	2.39	73	0.69	30	0.2	65	5.0	1.8	2.0	39
YDEJ2-112M-8	1.5	690	4.5	75	0.69	40	0.25	90	5.0	1.8	2.0	50
YDEJ2-132S-8	2.2	705	6.0	78	0.71	75	0.25	90	6.0	1.8	2.0	73
YDEJ2-132M-8	3.0	705	7.9	79	0.73	75	0.25	90	6.0	1.8	2.0	79
YDEJ2-160M1-8	4.0	720	10.3	81	0.73	150	0.35	150	6.0	1.9	2.0	134
YDEJ2-160M2-8	5.5	720	13.6	83	0.74	150	0.35	150	6.0	2.0	2.0	140
YDEJ2-160L-8	7.5	720	17.8	85.5	0.75	150	0.35	150	6.0	2.0	2.0	164
YDEJ2-180L-8	11	730	25.1	87.5	0.76	200	0.35	150	6.6	2.0	2.0	212
YDEJ2-200L-8	15	730	34.1	88	0.76	300	0.45	200	6.6	2.0	2.0	295
YDEJ2-225S-8	18.5	730	40.6	90	0.76	450	0.45	200	6.6	1.9	2.0	319
YDEJ2-225M-8	22	740	47.4	90.5	0.78	450	0.45	200	6.6	1.9	2.0	345



YCT系列电磁调速电动机
series electromagnetic governor motor

YCT 系列电动机由三相（或单相）异步电动机与电磁转差离合器和测速发电机所组成,通过JD型或ZTK型控制器,调节转差离合器的励磁电流,实现输出转速的无级调节。产品性能和安装尺寸符合JB/T7123规定，与国际标准IEC接轨。产品广泛应用于纺织、印染、橡胶、塑料、制糖、建筑、鼓风机等行业。

YTC series motor consists of three(or single)phase induction motor and electronic slip clutch and tachogenerator,achieves infinitely adjustments of output speed by change the exciting exciting current of clutch through JD or ZTK controller. The performance and mounting dimension are in accordance with JB/T7213 and IEC standard.It widely applies to the industries of spinning,dying, rubber,plastic, sugarmaking,building,fan etc.

► 产品相关参数:

控制器额定电压: 220V
机座中心高: 112~355mm
功率范围: 0.55~90kW
额定电压: 三相380V; 单相220V
励磁线圈: ≤90V(直流)
额定频率: 50Hz(或60Hz需另订协议)
防护等级: IP21
绝缘等级: B/F级
工作制: S1

► Technical Data :

Rated voltage of controller:220v
Centre height of frame:112~355mm
Power range:0.55~90kW
Excitation winding:90V(DC)
Rated voltage:380V(three phase)220V(sisgle phase)
Rated frequency:50Hz or 60Hz or special
Protection class:IP21
Insulation class:B/F
Dust type:S1



YVF2系列变频调速专用三相异步电动机
series frequency-variable and speed-adjustable three
phase asynchronous motor

YVF2系列变频调速专用三相异步电动机 本系列电动机是变频调速专用三相异步电动机与电子变频器联合使用，可实现转速150~2750rpm（4极）范围内的无级调速，是那些有大范围无级调速需求的机械设备的理想动力。广泛应用于交通运输、冶金、纺织、印染、化工、矿山、风机、水泵等行业。其电气性能和安装尺寸按国家标准JB/T7118要求制造，并与国际IEC标准接轨。

YVF2 series frequency-variable and speed-adjustable three phaseasynchronous motor are suitable for running in frequency changeand speed regulation system which the power is supplied by a frequency converter. This new series of product desinged unitedly in the country can be mated with all kinds of SPWM frequency changer and speed regulation devices and is equipped with a separate cooling fan which ensure the motor for good cooling at various speed.They can be used in machine tool,metallugic industry,textile,printing and dyeing, transportation,chemical industry,mine and for seep regulation of fans and pumps.

► 产品相关参数:

机座中心高: 71~355mm
功率范围: 0.37~315kW
额定电压: 380V(其他电压需另订协议)
额定频率: 50Hz(或60Hz)
防护等级: IP54(或IP55)
绝缘等级: F/H级
工作制: S1
安装型式与Y2系列相同

► Technical Data :

Centre height of frame: 71~355mm
Power range: 0.37~315kW
Rated voltage:380V or order
Rated frequency: 50Hz or 60Hz
Protection class: IP54 or IP55
Insulation class: F/H
Duty type: S1



YCT系列电磁调速电动机技术数据（外形安装尺寸见附录Ⅲ）

YCT series electromagnetic governor motor's techical data(dimensions see appendix Ⅲ)

型号 Type		拖动电动机功率 Power	额定转矩 Rated torquc	调速范围 Speed range	励磁电压 Excitation Voltage	励磁电流 Excitation Voltage	噪声 Noise	重量 Weight	
		(KW)	(N.m)	(r/min)	(V)	(A)	aB(A)	(Kg)	
YCT112-	4A	0.55	3.6	1250-125	<90	<1.3	75	50	
	4B	0.75	4.9				75	55	
YCT132-	4A	1.1	7.13				75	72	
	4B	1.5	9.72				78	77	
YCT160-	4A	2.2	14.1	1250-125		<1.5	75	114	
	4B	3	19.2				82	117	
YCT180-	4A	4.0	25.2				82	152	
	4A	5.5	36.1				<2.0	82	221
YCT200-	4B	7.5	47.7			86		228	
	YCT225-	4A	11			69.1	<2.5	86	333
4B		15	94.3			90		350	
YCT250-	4A	18.5	110			1320-132	<3.0	90	455
	4B	22	137	90				478	
YCT280-	4A	30	189	<3.5				90	632
	4A	37	232					97	870
YCT315-	4B	45	282	<4.5			99	910	
	4A	55	344				<6.0	99	1300
YCT355-	4B	75	469	103				1410	
	4C	90	564	103				1460	

YVF2系列变频调速专用三相异步电动机技术数据（外形安装尺寸见附录I-1、2、3）

YVF2 series frequency-variable and speed-adjustable three phase asynchronous motor's technical data(dimensions see appendix I-1、2、3)

型号 Type	标称 功率 output	标称 电流 Current	额定 转矩 rated torque	恒转矩 变频范围 Torque range	恒功率 变频范围 Power fator	堵转电流 Locked-rotor Current	最大转矩 Pull-our torque	最小转矩 Minimun torque	重量 weight (Kg)	型号 Type	标称 功率 output	标称 电流 Current	额定 转矩 ranted torque	恒转矩 变频范围 Torque range	恒功率 变频范围 Power fator	堵转电流 Locked-rotor Current	最大转矩 Pull-our torque	最小转矩 Minimun torque	重量 weight (Kg)
	(KW)	(A)	(N.m)	(Hz)	(Hz)	额定电流 Rated Current Ist/IN	额定转矩 Rated torque Tmax/TN	额定转矩 Rated torque Tmin/TN			(KW)	(A)	(N.m)	(Hz)	(Hz)	额定电流 Rated Current Ist/IN	额定转矩 Rated torque Tmax/TN	额定转矩 Rated torque Tmin/TN	
YVF2-80M1-4	0.55	1.5	3.5	5~50	50~100	2.0	9.0	2.8	1.7	YVF2-80M1-6	0.37	1.26	3.5	15~50	50~100	1.8	9.0	2.6	1.7
YVF2-80M2-4	0.75	2.0	4.7						1.6	YVF2-80M2-6	0.55	1.74	5.3						1.6
YVF2-90S-4	1.1	2.8	7.0							YVF2-90S-6	0.75	2.03	7.2						
YVF2-90L-4	1.5	3.7	9.5							YVF2-90L-6	1.1	2.84	10.5						
YVF2-100L-4	2.2	5.1	14						1.5	YVF2-100L-6	1.5	3.70	14.3					1.5	
YVF2-100L2-4	3.0	6.8	19							YVF2-112M-6	2.2	5.22	21						
YVF2-112M-4	4.0	8.7	25.4							YVF2-132S-6	3.0	6.98	28.7						
YVF2-132S-4	5.5	11.4	35						1.4	YVF2-132M1-6	4.0	9.17	38.2					1.4	
YVF2-132M-4	7.5	15.3	47.7							YVF2-132M2-6	5.5	12.2	52.5						
YVF2-160M-4	11	22.1	70							YVF2-160M-6	7.5	16.5	71.6						
YVF2-160L-4	15	30.1	95.5						1.2	YVF2-160L-6	11	23.5	105					1.2	
YVF2-180M-4	18.5	35.4	117.1							YVF2-180L-6	15	30.5	143						
YVF2-180L-4	22	41.6	140.9							3~50	1.7	1.7	1.7	1.7	1.1	YVF2-200L1-6	18.5	37.2	177
YVF2-200L-4	30	55.9	190.9	YVF2-200L2-6	22	43.0	210												
YVF2-225S-4	37	68.2	235.5	YVF2-225M-6	30	58.0	287	1.0											
YVF2-225M-4	45	82.5	286.4	YVF2-250M-6	37	69.5	353												
YVF2-250M-4	55	101	350.1	1.0	YVF2-280S-6	45	84.1	430	1.0										
YVF2-280S-4	75	132.3	477.5		YVF2-280M-6	55	102	525											
YVF2-280M-4	90	157.4	572.9		YVF2-315S-6	75	138	716											
YVF2-315S-4	110	191.4	700.2		YVF2-315M-6	90	166	860	20~50						1.5			0.9	
YVF2-315M-4	132	227.6	840.3		YVF2-315L1-6	110	202	1050											
YVF2-315L1-4	160	274.2	1018.1		YVF2-315L2-6	132	239	1261											
YVF2-315L2-4	200	341.6	1273.2		YVF2-355M1-6	160	285	1528											
YVF2-355M1-4	220	367.5	1401	YVF2-355L1-4	280	470.3	1783	YVF2-355L2-4	315	528.2	2006	YVF2-355L-6	250	445	2388				
YVF2-355M2-4	250	420.9	1592																
YVF2-355L1-4	280	470.3	1783																
YVF2-355L2-4	315	528.2	2006																



YEJVF 系列变频调速电磁制动电动机
series frequency-variable and electromagnetic-brake motor

YEJVF 系列电动机是我公司研制开发的新型产品之一，其产品结构为YEJ和YVF两系列相结合，即在YVF系列电动机的非轴伸端将轴延伸出来装有电磁制动器；其性能满足YVF系列电动机技术标准，要产品与电子变频器联合使用，可实现转速150~2750r/min范围内的无级调速并带电磁制动，电机在任意转速下，当电磁制动电源失电时电机在短时间内停转，空载制动时间随机座号由大到小，约为0.5~0.45秒。制动器的电源必须与YVF电动机的主电源同步，但不能使用YVF电动机的电源。该系列电动机广泛应用于各类无级调速并需制动的机械设备，交通运输。冶金、纺织、印染、化工、矿工、建筑等行业的设备作为驱动力。

YEJVF series motor is the newly deleoped product of out company .It is the Combination of YEJ and YVF series,namely assembling a magetic brake at the extended non-shaft end of YVF motor ,The performance can meet the technology standard of both YEJ and YVF series.If the motoer is used with a electric frequency transformator ,it can realizes stepless speed regulating when the rotate speed is between 150~2750r/min,meanwhile with electromagnetic brake,at any rotate speed,the motor can be stopped in a short while the electricity supply of electromagnetic brake is cut off, the no-load duration of braking ranges from 0.5~0.45 seconds changing with the frame size.the electricity suppy of brake should be synchronous with the main electrical power of YVF motor.This series motors are widely used in those mechanical equipment that need stepless speed regulating and braking, performing as the driving force of the equioment of following industries: transportation, metallurgy, spinning, printing and dyeing, chemical engineering, mine and construction etc.

► 产品相关参数：

机座中心高：80~225mm
控制器电源：3kW以下交流220V（整流后直流99V）
3kW以上交流380V（整流后直流170V）
功率范围：0.37~355kW
额定电压：380V(其他电压需另订协议)
额定频率：50Hz(或60Hz)
防护等级：IP54/55
绝缘等级：F/H级
工作制：S1

► Technical Data :

Centre height of frame : 80~225mm
Controller's power:center height of frame : ≤3kW,AC220V
(after commutate 99V)
Center height of frame : ≥3kW,AC380V
(after commutate 170V)

Power range: 0.37~355kW
Rated voltage:380V or order
Rated frequency: 50Hz or 60Hz
Protection class: IP54/55
Insulation class: F/H
Duty type: S1



YC系列电容起动单相异步电动机
series capcitor-starting asynchronous motor

YC系列电动机按国家标准JB/T1011要求设计制造。具有高起动转矩和过载能力强等优异的电气性能,结构简单、维护方便等优点。广泛用于空压机、水泵、洗衣极、电冰箱等机械设备作为动力。

YC serires motor is designed and manufactured according to national standard JB/T1011 it has the character istics of simple structure, reliable operation, convenient maintenance, sat is factory technical and economical performance, high starting torque and strong over load, capacity which is widely used in air compressor, pump washing machine, refrigerator as well as other machines.

► 产品相关参数：

机座中心高：71~100 mm
功率范围：0.12~2.2kW
额定电压：220V(其他电压需另订协议)
额定频率：50Hz(或60Hz)
防护等级：IP44
绝缘等级：B级
工作制：S1

► Technical Data :

Centre height of frame size: 71~100 mm
Power range: 0.12~2.2kW
Rated voltage:220V or order
Rated frequency: 50Hz or 60Hz
Protection class: IP44
Insulation class: B
Duty type: S1



YEJVF 系列变频调速电磁制动电动机技术数据

series frequency-variable and electromagnetic-brake motor's technical data

型号 Type	标称功率 Our put	标称电流 Current	额定转矩 Rated Torque	恒转矩 变频范围 Torque range	恒功率 变频范围 Power fator	静制动力矩 Static Braking torque	空载制动时间 No-load brakelog time	励磁功率 Energizing power	堵转转矩 Locked-rotor torque	堵转电流 Locked-rotor Current	最大转矩 Pull-our torque	最小转矩 Minimum torque
	KW	(A)	(N.m)	(%)	(COS ϕ)	(N.m)	(S)	(W)	额定转矩 Rated torque Tst/TN	额定电流 Rated Current Ist/IN	额定转矩 Rated torque Tmax/TN	额定转矩 Rated torque Tmin/Tn
YEJVF-80M1-4	0.55	1.5	3.5	5~50	50~100	7.5	0.2	30	2	9	2.8	1.7
YEJVF-80M2-4	0.75	2	4.7			7.5	0.2	30				1.6
YEJVF-90S-4	1.1	2.8	7			15	0.2	50				
YEJVF-90L-4	1.5	3.7	9.5			15	0.2	50				1.5
YEJVF-100L-4	2.2	5.1	14			30	0.2	65				
YEJVF-100L2-4	3	6.8	19			30	0.2	65				
YEJVF-112M-4	4	8.7	25.4			40	0.25	80				1.4
YEJVF-132S-4	5.5	11.4	35			75	0.25	90				
YEJVF-132M-4	7.5	15.3	47.7			75	0.25	90				1.2
YEJVF-160M-4	11	22.1	70			150	0.35	150				
YEJVF-160L-4	15	30.1	95.5			150	0.35	150				
YEJVF-180M-4	18.5	35.4	117.1			200	0.35	150				1.1
YEJVF-180L-4	22	41.6	140.9			200	0.35	150				
YEJVF-200L-4	30	55.9	190.9			300	0.45	200				
YEJVF-225S-4	37	68.2	235.5			450	0.45	200				
YEJVF-225M-4	45	82.5	286.4			450	0.45	200				

YC系列电容起动单相异步电动机技术数据（外形安装尺寸见附录Ⅳ）

YC series capcitor-starting asynchronous motor's technical data
dimensions see appendix IV

型号 Type	标称功率 Our put	标称电流 Current	额定转速 Speed	效率 Efficiency	功率因数 Power factor	堵转转矩 Locked-rotor torque	堵转电流 Llocked-rotor Current	最大转矩 Pull-our torque	最小转矩 Minimum torque
	KW	(A)	(r/min)	η(%)	(COS ϕ)	额定转矩 Rated torque Tst/TN	(A)	额定转矩 Rated torque Tmax/TN	额定转矩 Rated torque Tmin/Tn
YC7112	0.18	1.89	2800	60	0.72	3.0	12	1.8	1.0
YC7122	0.25	2.4	2800	64	0.74	3.0	15	1.8	1.0
YC8012	0.37	3.36	2800	65	0.77	2.8	21	1.8	1.0
YC8022	0.55	4.65	2800	68	0.79	2.8	29	1.8	1.0
YC90S-2	0.75	5.94	2800	70	0.8	2.5	37	1.8	1.0
YC90L-2	1.1	8.47	2800	72	0.8	2.5	60	1.8	1.0
YC100L1-2	1.5	11.4	2900	74	0.81	2.5	80	1.8	1.0
YC100L2-2	2.2	16.5	2900	75	0.81	2.2	20	1.8	1.0
YC7114	0.12	1.88	1400	50	0.58	3.0	9	1.8	1.0
YC7124	0.18	2.49	1400	53	0.62	2.8	12	1.8	1.0
YC8014	0.25	3.11	1400	58	0.63	2.8	15	1.8	1.0
YC8024	0.37	4.24	1400	62	0.64	2.5	21	1.8	1.0
YC90S-4	0.55	5.57	1400	66	0.69	2.5	29	1.8	1.0
YC90L-4	0.75	6.77	1400	68	0.73	2.5	37	1.8	1.0
YC100L1-4	1.1	9.5	1400	71	0.74	2.5	60	1.8	1.0
YC100L2-4	1.5	12.5	1400	73	0.75	2.5	80	1.8	1.0



YL系列双值电容单相异步电动机

series two-value capacitor mono phase asynchronous motor

YL系列双值电容单相异步电动机按国家标准JB/T7588要求设计制造。具有优良的起动和运行性能，噪音低、振动小、结构紧凑，重量轻和维护方便等特点。广泛用于空压机、水泵及家庭作坊等机械设备作为动力。

YL series motor is designed and manufactured according to National JB/T7588 standard.It has the characteristics of good starting and operation 。Low noise, small measurement and convenient main-tenance.The motor is widely used in air compressor, pump and various kinds of machines



► 产品相关参数:

机座中心高：71~100 mm
功率范围：.0.25~3.7kW
额定电压：220V(其他电压需另订协议)
额定频率：50Hz(或60Hz)
防护等级：IP44
绝缘等级：B级
工作制：S1
安装型式与Y2系列相同

► Technical Data :

Centre height of frame size: 71~100 mm
Power range: 0.25~3.7kW
Rated voltage:220V or order
Rated frequency: 50Hz or 60Hz
Protection class: IP44
Insulation class: B
Duty type: S1

YY系列电容运转异步电动机

series capacitor-running asynchronous motor

YY系列电动机按国家标准JB/T1012要求设计制造。具有电气性能优良、体积小、振动小、维护方便等优点。广泛用于轻负荷起动的小型机械及家用动力如洗衣机、脱水机及水泵机械等作为动力。

YY series motor is designed and manufactured according to the national standard. it has the characteristics of good operation, Low noise, small volume,light weight and convenient maintenance, It employs Grade B insulation,IP44 class for shell protection,IC 411 cooling mode,220V rate voltage ,50Hz rated frequency.The motor is widely used in pump and machinery with light-load



► 产品相关参数:

机座中心高：71~100 mm
功率范围：0.25~3.7kW
额定电压：220V(其他电压需另订协议)
额定频率：50Hz(或60Hz)
防护等级：IP44
绝缘等级：B级
工作制：S1

► Technical Data :

Centre height of frame size: 71~100 mm
Power range: 0.25~3.7kW
Rated voltage:220V or order
Rated frequency: 50Hz or 60Hz
Protection class: IP44
Insulation class: B
Duty type: S1

YY系列电容运转异步电动机技术数据（外形安装尺寸见附录IV）

YY series capacitor-running asynchronous motor's technical data (dimensions see appendix IV)

YL系列双值电容单相异步电动机技术数据（外形安装尺寸见附录IV）

YL series two-value capacitor mono phase asynchronous motor's technical data dimensions see appendix IV

型号 Type	功率 Our put KW	电流 Current (A)	额定转速 Speed (r/min)	效率 Efficiency η(%)	功率因数 Power factor (COS φ)	堵转转矩 Locked-rotor torque	堵转电流 Locked-rotor Current	最大转矩 Pull-our torque	最小转矩 Minimum torque
						额定转矩 Rated torque Tst/TN	额定电流 Rated Current Ist/IN	额定转矩 Rated torque Tmax/TN	额定转矩 Rated torque Tmin/Tn
YL7112	0.37	2.73	2800	67	0.92	1.8	5.5	1.6	1.0
YL7122	0.55	3.88	2800	70	0.92	1.8		1.6	1.0
YL8012	0.75	5.15	2800	72	0.92	1.8		1.6	1.0
YL8022	1.1	6.85	2800	75	0.95	1.8	5.5	1.6	1.0
YL90S-2	1.5	9.44	2800	76	0.95	1.8		1.6	1.0
YL90L-2	2.2	13.67	2800	77	0.95	1.7		1.6	1.0
YL100L1-2	3.0	18.2	2900	79	0.95	1.7	5.5	1.6	1.0
YL100L2-2	3.7	21.9	2900	80	0.95	1.7	6.0	1.6	1.0
YL7114	0.25	2.03	1400	62	0.92	1.8	5.0	1.6	1.0
YL7124	0.37	2.81	1400	65	0.92	1.8		1.6	1.0
YL8014	0.55	3.88	1400	68	0.92	1.7		1.6	1.0
YL8024	0.75	5.22	1400	71	0.92	1.7	5.0	1.6	1.0
YL90S-4	1.1	7.21	1400	73	0.95	1.7		1.6	1.0
YL90L-4	1.5	9.57	1400	75	0.95	1.7		1.6	1.0
YL100L1-4	2.2	13.9	1400	76	0.95	1.7	5.0	1.6	1.0
YL100L2-4	3.0	18.6	1400	77	0.95	1.7	5.5	1.6	1.0

型号 Type	功率 Our put KW	电流 Current (A)	额定转速 Speed (r/min)	效率 Efficiency η(%)	功率因数 Power factor (COS φ)	堵转转矩 Locked-rotor torque	堵转电流 Locked-rotor Current (A)	最大转矩 Pull-our torque
						额定转矩 Rated torque Tst/TN		额定转矩 Rated torque Tmax/TN
Yy7112	0.37	2.73	2800	67	0.92	0.35	10	1.7
YY7122	0.55	3.88	2800	70	0.92	0.35	15	1.7
YY8012	0.75	5.15	2800	72	0.92	0.32	20	1.7
YY8022	1.1	7.02	2800	75	0.95	0.32	30	1.7
YY90S-2	1.5	9.44	2800	76	0.95	0.3	45	1.7
YY90L-2	2.20	13.68	2800	77	0.95	0.3	65	1.7
YY100L1-2	3.0	18.2	2870	79	0.95	0.3	100	1.7
YY100L2-2	3.7	22.1	2870	80	0.95	0.3	120	1.7
YY7114	0.25	2.02	1400	61	0.92	0.35	7	1.7
YY7124	0.37	2.95	1400	62	0.92	0.4	10	1.7
YY8014	0.55	4.25	1400	64	0.92	0.32	15	1.7
YY8024	0.75	5.45	1400	68	0.92	0.32	20	1.7
YY90S-4	1.1	7.41	1400	71	0.95	0.3	30	1.7
YY90L-4	1.5	9.83	1400	73	0.95	0.3	45	1.7
YY100L1-2	2.2	13.9	1400	75	0.96	0.3	65	1.7
YY100L2-2	3.0	18.4	1400	77	0.96	0.3	100	1.7



YE2-80~355系列高效率三相异步电动机
YE2-80~355 Series High-efficiency Three-phase Asynchronous Motor



YE2-80~355系列高效率三相异步电动机是我公司根据IEC60034-30最新标准的能效等级，按照IEC60034-2旋转电机第二部分"旋转电机损耗和效率的试验测定方法",自主开发设计的.该系列产品效率高,节能环保.新产品集中了我公司几十年生产电机的先进技术和生产经验,采用了新技术、新工艺和新材料，使电机的效率指标完全达到GB18613-2012中小型三相异步电动机能效限定值（即3级能效），产品设计新颖、造型美观、噪声低、效率高、结构紧凑、使用维护方便等特点，电机采用F级绝缘，全系列温升按B级考核，从而大大提高了安全可靠。电机的安装尺寸符合IEC标准规定，外壳防护等级为IP55。

YE2-80~355系列电动机可广泛用于机床、风机、水泵、压缩机、包装机械、矿山机械、建筑机械等各类机械传动设备。

YE2-80~355 series high efficiency three phase asynchronous motors are developed according to IEC60034-30 and IEC60034-2 Part 2: losses and testing method of rotating motor, and also complies with Grade 3 efficiency of GB18613-2012: energy efficiency rating for medium-small three-phase asynchronous motor. This series motor has such characteristics as new structure, model, low noise level and vibration, compact structure and easy maintenance. Complay with international conventions, standard motors have class F insulation, with a class B temperature rise to offer more reliability and security in operation.

YE2-80~355 series motor's mounting dimension conforms to IEC standard and Ip55 protection degree. YE2-80~355 series high efficiency three phase asynchronous motors can be widely used in transmission industry such as machine tool, pump, ventilator compressor, transport machinery, construction machinery.

产品使用条件

额定功率: 0.75~375kW
基本极数: 2、4、6极
额定电压: 380V
额定功率: 50Hz
冷却方式: IC411
接法: 3kW及以下为Y接法; 3kW以上为△接法
定额: 连续 (S1)
环境温度: -15℃~+40℃
海拔: 不超过1000m

Conditions of operation:

Rate outout: 0.75~375kW
Basic poles L2、4、6 pole
Rate voltage L: 380V
Rate frequency: 50Hz
Cooling method: IC411
Connection: Y for 3kW and lower; △ for over 3kW
Duty: continuous (S1)
Coolant temperature: -15℃~+40℃
Site altitude: no more than 1000m

型号 Type	功率 Our put kW	电流 Current (A)	转速 Rated Speed (r/min)	效率 Efficiency η(%)	功率因数 Power factor (COS φ)	堵转转矩 额定转矩 Ts/Tn	最大转矩 额定转矩 Tmax/Tn	堵转电流 额定电流 Ts/Tn
YE2-80M1-2	0.75	1.8	2865	77.4	0.82	2.3	2.3	6.8
YE2-80M2-2	1.1	2.5	2880	79.6	0.83	2.3	2.3	7.1
YE2-80M-4	0.75	1.9	1435	79.6	0.76	2.3	2.3	6.4
YE2-90S-2	1.5	3.3	2900	81.3	0.84	2.3	2.3	7.3
YE2-90L-2	2.2	4.7	2900	83.2	0.85	2.3	2.3	7.6
YE2-90S-4	1.1	2.7	1435	81.4	0.77	2.3	2.3	6.6
YE2-90L-4	1.5	3.5	1440	82.8	0.78	2.3	2.3	6.7
YE2-90S-6	0.75	2.1	950	75.9	0.71	2.0	2.1	5.8
YE2-90L-6	1.1	3	950	78.1	0.72	2.0	2.1	5.9
YE2-100L-2	3	6.2	2900	84.6	0.87	2.2	2.3	7.8
YE2-100L1-4	2.2	5.0	1450	84.3	0.80	2.3	2.3	7.3
YE2-100L2-4	3	6.6	1450	85.5	0.81	2.3	2.3	7.5
YE2-100L-6	1.5	4	950	79.8	0.72	2.0	2.1	5.9
YE2-112M-2	4	8	2910	85.8	0.88	2.2	2.3	8.1
YE2-112M-4	4	8.7	1455	86.6	0.81	2.3	2.3	7.5
YE2-112M-6	2.2	5.7	955	81.8	0.72	2.0	2.1	6.2
YE2-132S1-2	5.5	10.9	2920	87.0	0.88	2.2	2.3	8.2
YE2-132S2-2	7.5	14.5	2920	88.1	0.89	2.2	2.3	7.8
YE2-132S-4	5.5	11.6	1460	87.7	0.82	2.0	2.3	7.5
YE2-132SM-4	7.5	15.5	1460	88.7	0.83	2.0	2.3	7.3
YE2-132S-6	3	7.6	970	83.3	0.72	2.0	2.1	6.4
YE2-132M1-6	4	9.7	970	84.6	0.74	2.0	2.1	6.6
YE2-132M2-6	5.5	13	970	86.0	0.75	2.0	2.1	6.8
YE2-160M1-2	11	21.0	2942	89.4	0.89	2.2	2.3	7.9
YE2-160M2-2	15	28.4	2942	90.3	0.89	2.2	2.3	7.9

YE2-80~355系列高效率三相异步电动机

YE2-80~355 Series High-efficiency Three-phase Asynchronous Motor's technical data

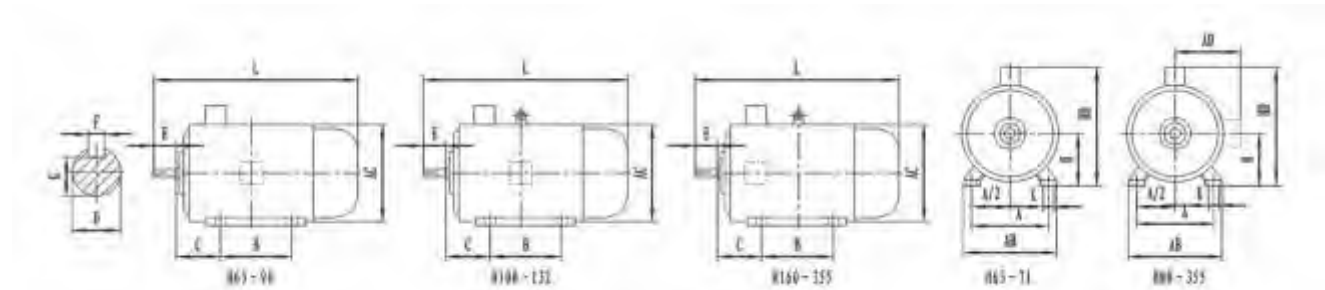
型号 Type	功率 Our put kW	电流 Current (A)	转速 Rated Speed (r/min)	效率 Efficiency η(%)	功率因数 Power factor (COS φ)	堵转转矩 额定转矩 Ts/Tn	最大转矩 额定转矩 Tmax/Tn	堵转电流 额定电流 Ts/Tn
YE2-160L-2	18.5	34.7	2942	90.9	0.89	2.2	2.3	8.0
YE2-160M-4	11	22.4	1470	89.8	0.83	2.0	2.3	7.4
YE2-160L-4	15	30	1470	90.6	0.84	2.0	2.3	7.5
YE2-160M-6	7.5	16.8	976	87.2	0.78	2.0	2.1	6.8
YE2-160L-6	11	23.9	976	88.7	0.79	2.0	2.1	6.9
YE2-180M-2	22	41.1	2960	91.3	0.89	2.2	2.3	8.1
YE2-180M-4	18.5	36.3	1475	91.2	0.85	2.0	2.3	7.6
YE2-180L-4	22	42.9	1475	91.6	0.85	2.1	2.3	7.7
YE2-180L-6	15	31	980	89.7	0.82	2.0	2.1	7.3
YE2-200L1-2	30	55.7	2965	92.0	0.89	2.0	2.3	7.5
YE2-200L2-2	37	68.3	2965	92.5	0.89	2.0	2.3	7.5
YE2-200L-4	30	58.1	1475	92.3	0.85	2.1	2.3	7.1
YE2-200L1-6	18.5	38.9	980	90.4	0.80	2.0	2.1	7.2
YE2-200L2-6	22	45.4	980	90.9	0.81	2.0	2.1	7.3
YE2-225M-2	45	82.7	2965	92.9	0.89	2.2	2.3	7.5
YE2-225S-4	37	70.5	1480	92.7	0.86	2.1	2.3	7.3
YE2-225M-4	45	85.4	1480	93.1	0.86	2.2	2.3	7.3
YE2-225M-6	30	60.6	985	91.7	0.82	2.0	2.1	6.8
YE2-250M-2	55	100.7	2970	93.2	0.89	2.2	2.3	7.6
YE2-250M-4	55	103.9	1480	93.5	0.86	2.2	2.3	7.3
YE2-250M-6	37	73.5	980	92.2	0.83	2.0	2.1	7.0
YE2-280S-2	75	136.5	2975	93.8	0.89	1.8	2.3	6.9
YE2-280M-2	90	163.3	2975	94.1	0.89	1.8	2.3	6.9
YE2-280S-4	75	139.3	1485	94.0	0.87	2.2	2.3	6.8
YE2-280M-4	90	165.0	1485	94.2	0.88	2.2	2.3	6.9
YE2-280S-6	45	86.8	985	92.7	0.85	2.0	2.0	7.2
YE2-280M-6	55	104.4	985	93.1	0.86	2.0	2.0	7.2
YE2-315S-2	110	196.9	2975	94.3	0.90	1.8	2.2	7.0
YE2-315M-2	132	235.6	2975	94.6	0.90	1.8	2.2	7.0
YE2-315L1-2	160	281.8	2975	94.8	0.91	1.8	2.2	7.1
YE2-315L2-2	200	351.5	2975	95.0	0.91	1.8	2.2	7.1
YE2-315S-4	110	198.7	1480	94.5	0.89	2.1	2.2	6.9
YE2-315M-4	132	238.0	1480	94.7	0.89	2.1	2.2	6.9
YE2-315L1-4	160	284.6	1480	94.9	0.90	2.1	2.2	6.9
YE2-315L2-4	200	355.0	1480	95.1	0.90	2.1	2.2	6.9
YE2-315S-6	75	144.8	985	93.7	0.84	2.0	2.0	6.5
YE2-315M-6	90	171.1	985	94.0	0.85	2.0	2.0	6.6
YE2-315L1-6	110	208.5	985	94.3	0.85	2.0	2.0	6.6
YE2-315L2-6	132	246.5	985	94.6	0.86	2.0	2.0	6.6
YE2-355M1-2	250	444.3	2980	95.0	0.90	1.6	2.2	7.1
YE2-355M2-2	250	439.4	2980	95.0	0.91	1.6	2.2	7.1
YE2-355L1-2	315	547.6	2980	95.0	0.92	1.6	2.2	7.1
YE2-355L2-2	315	547.6	2980	95.0	0.92	1.6	2.2	7.2
YE2-355M1-4	250	443.8	1490	95.1	0.90	2.1	2.2	6.9
YE2-355M2-4	250	443.8	1490	95.1	0.90	2.0	2.2	6.9
YE2-355L1-4	315	559.2	1490	95.1	0.90	2.1	2.2	6.9
YE2-355L1-4	315	559.2	1490	95.1	0.90	2.0	2.2	6.9
YE2-355M1-6	160	294.8	1490	94.8	0.87	2.0	2.0	6.8
YE2-355M2-6	185	340.8	990	94.8	0.87	1.9	2.0	6.8
YE2-355M3-6	200	371.9	990	95.0	0.86	2.0	2.0	6.8
YE2-355L1-6	220	404.4	990	95.0	0.87	2.0	2.0	6.8
YE2-355L3-6	250	464.9	990	95.0	0.86	2.0	2.0	6.8
YE2-3551-2	355	623.9	990	95.0	0.91	1.6	2.2	7.2
YE2-3552-2	375	659.1	990	95.0	0.91	1.6	2.2	7.2
YE2-3551-4	355	637.3	990	95.1	0.89	1.7	2.2	6.5
YE2-3552-4	375	680.8	990	95.1	0.88	1.7	2.2	6.5
YE2-3551-6	280	520.7	990	95.0	0.86	2.0	2.2	6.8
YE2-3552-6	315	585.8	990	95.0	0.86	2.0	2.2	6.8



附录I-1

Y2、YD2、YDT、YVF2、YE2、YEJ2系列电动机外形及安装尺寸

Appendix I-1 Y2、YD2、YDT、YVF2、YE2、YEJ2 series motor's dimensions



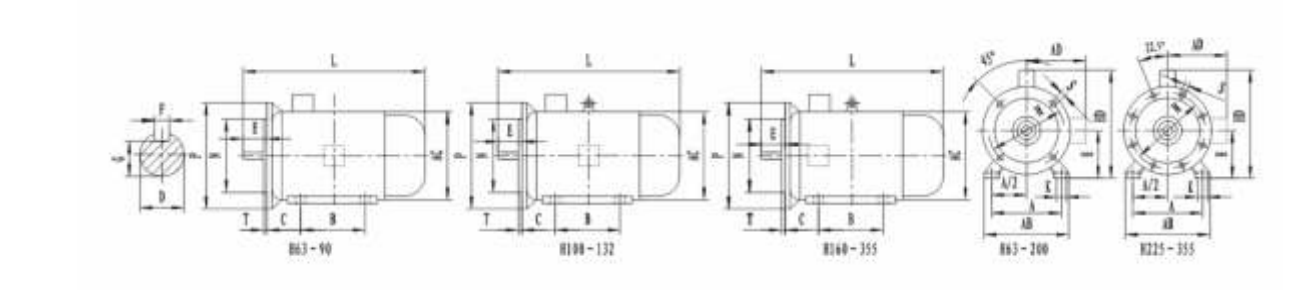
机座带底脚、端盖上有凸缘的电动机
Frame with foot end,shield without flange

机座号 frame size	极数 poles	安装尺寸 Mounting dimensions										外形尺寸 Outline dimensions																
		A	A/2	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L												
																Y2/YD2	YVF2	YEJ2										
63M	2、4	100	50	80	40	11	23	4	8.5	63	7	135	130	70	180	230												
71M	2、4、6	112	56	92	45	14	30	5	11	71		150	145	80	195	255												
80M	2、4、6、8	125	62.5	100	50	19	40	6	15.5	80	10	165	175	145	220	295	370	390										
90S		140	70	100	56	24	50	8	20	90		10	180	195	155	250	320	380	420									
90L				125							345						410	445										
100L		160	80	140	63	28	60	10	33	132	12	205	215	180	270	385	465	480										
112M		190	95	140	70							230	240	190	300	400	480	510										
132S		216	108	140	89	38	80	10	33	132	12	270	275	210	345	470	530	585										
132M				178								510	570	625														
160M		254	127	210	108	42	110	12	37	160	14.5	320	330	255	420	615	660	720										
160L				254								670	715	765														
180M		279	139.5	241	121	48	110	14	42.5	180	14.5	355	380	280	455	700	775	825										
180L				279								740	815	875														
200L		318	159	305	133	55	110	16	49	200	18.5	395	420	305	505	770	850	900										
225S	4、8	356	286	149	60	140		18	53	225		18.5	435	470	335	560	815	885	1000									
225M	2		311		55	110	16	49	820		915						1000											
	4、6、8				60					845							1030											
250M	2	406	203	349	168	65	140	18	53	250	24	490	510	370	615	910	980											
	4、6、8																											
280S	2	457	228.5	368	190	75	140	20	67.5	280	24	550	580	410	680	985	1085											
	4、6、8																											
280M	2			419		75		18	58							20	67.5		18	58	28	550	580	410	680	1035	1135	
	4、6、8																											
315S	2	508	254	406	216	65	170	22	58	315	28	635	645	490	800	1178	1380											
	4、6、8、10					80		71	71																			
315M	2			457		65	140	18	58							22	71		58	315	28	635	645	490	800	1290	1393	
	4、6、8、10																									80		170
315L	2			508		65	140	18	58							22	71		58	315	28	635	645	490	800	1290		1393
	4、6、8、10																									80		
355M	2	610	305	560	254	75	140	20	67.5	355	28	730	710	555	910	1500												
	4、6、8、10					95	170	25	86							1530												
355L	2			630		75	140	20	67.5							86	1500											
	4、6、8、10																	95	170	25	86	1530						

附录I-2

Y2、YD2、YDT、YVF2、YE2、YEJ2系列电动机外形及安装尺寸

Appendix I-1 Y2、YD2、YDT、YVF2、YE2、YEJ2 series motor's dimensions



机座带底脚、端盖上有凸（带通孔）的电动机
Frame with foot end,shield with flange(with through hole)

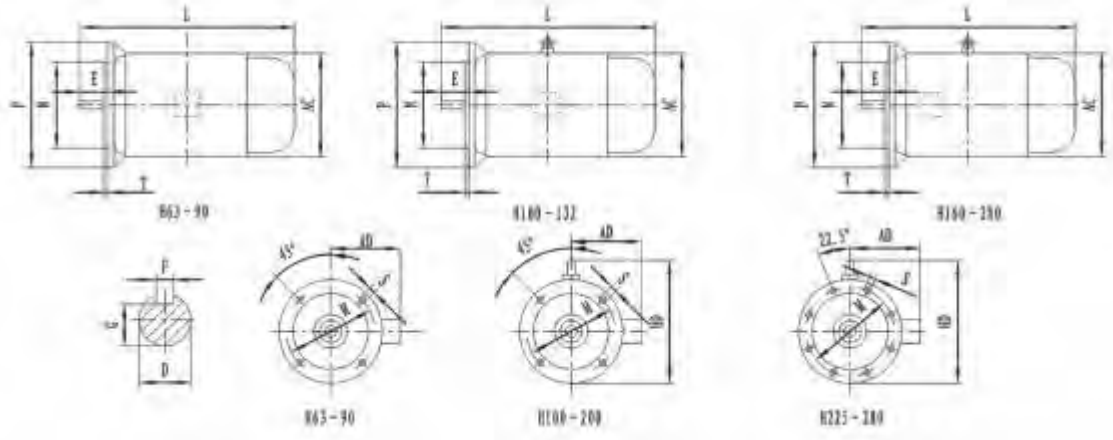
机座号 frame size	凸缘号 flange size	极数 poles	安装尺寸 Mounting dimensions																		外形尺寸 Outline dimensions							
			A	A/2	B	C	D	E	F	G	H	K	M	N	P	R	S	T	凸缘孔数 Flange holes	AB	AC	AD	HD	L				
																								Y2/YD2	YVF2	YEJ2		
63M	FF115	2/4	100	50	80	40	11	23	4	8.5	63	7	115	95	140	0	10	3		135	130	70	180	230				
71M	FF130	2/4/6	112	56	92	45	14	30	5	11	71		130	110	160					150	145	80	195	255				
80M	FF165	2/4/6/8	125	62.5	100	50	19	40	6	15.5	80	10	165	130	200	12	3.5		4	165	175	145	220	295	370	390		
90S			140	70	100	56	24	50	8	20	90		180	195	155		250			320	380	420						
90L				125									345	410	445													
100L			FF215	160	80	140	63	28	60	24	100	12	215	180	250	205	215	180	270	385	465	480						
112M	190			95	140	70	112		230		300		230	400	480	510												
132S	FF265		216	108	140	89	38	80	10	33	132	14.5	300	250	350	18.5	5		8	270	275	210	345	470	530	585		
132M			178										265	230	300					510	570	625						
160M	FF300		254	127	210	108	42	110	12	37	160	14.5	300	250	350	18.5	5		8	615	660	720						
160L					254																	670	715	765				
180M			279	139.5	241	121	48	14	42.5	180	14.5	300	250	350	18.5	5		8	700	775	825							
180L		279																		740	815	875						
200L	FF350	318	159	305	133	55		16	49	200	18.5	350	300	400	18.5	5		8	395	420	305	505	770	50	900			
225S	FF400	4/8	286	149	60	140	18	53	225	18.5		400	350	450					435	470	335	560	815	885	1000			
225M		2	356		178	311	55	110			16	49	820	915	1000													
		4/6/8				60			53	250	24	500	450	550	18.5	5		8	845	1030								
250M	FF500	2	406	203	349	168	140	18	58										280	24	500	450	550	18.5	5		8	490
		4/6/8						65			58	280	24	500	450	550	18.5	5										
280S		2	457	228.5	190	75		20	67.5	280	24								500	450	550	18.5	5		8	550	580	
280M		4/6/8				419	65		20			67.5	280	24	500	450	550	18.5										5
	4/6/8				75		20	67.5	280	24	500	450							550	18.5	5		8	550	580	410	680	
315S	FF600	2			406		65						18	58	315	600	550	660										24
		4/6/8/10							80	170	22	71	1290	1393														
315M		2	508	254	457	216	65	140	18	58	315	600	550		660	24	6		8	635	645	490	800	1290	1393			
		4/6/8/10					80	170	22	71				1320														
315L		2			508		65	140	18	58	28	740	680	800	24	6		8	635	645	490	800	1290	1393				
	4/6/8/10								80	170													22		71	1320		
355M	FF740	2			560		75	140	20	67.5	355	740	680	800	24	6		8	635	645	490	800	1500	1530				
		4/6/8/10								95													170		25	86	1530	
355L		2	610	305		254		75	140	20	67.5	355	740	680	800	24	6		8	635	645	490	800	1500	1530			
		4/6/8/10						95	170	25	86													1530				



附录I-3

Y2、YD2、YDT2、YVF2、YE2、YEJ2系列电动机外形及安装尺寸

Appendix I-3 Y2、YD2、YDT2、YVF2、YE2、YEJ2 series motor's dimensions



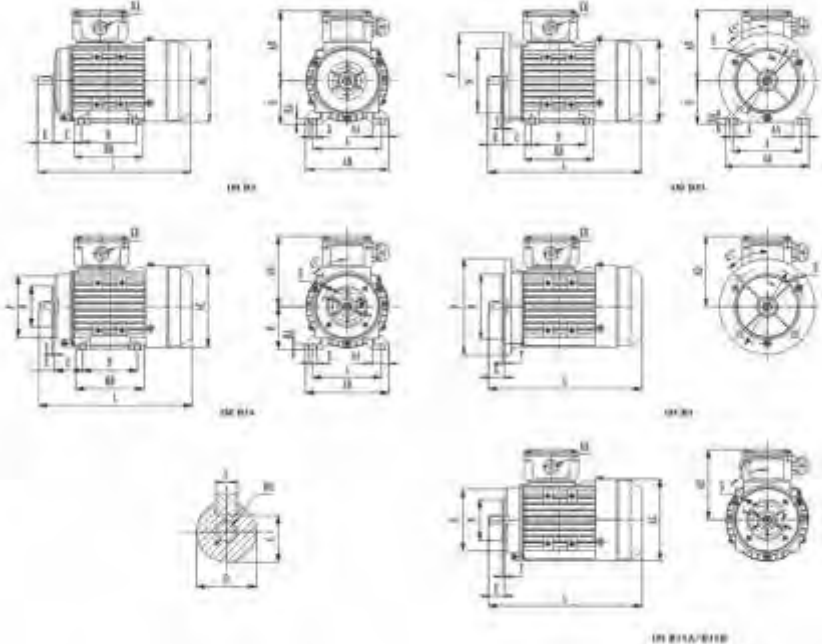
机座带底脚、端盖上有凸（带通孔）的电动机
Frame without foot end,shield with flange(with through hole)

机座号 frame size	凸缘号 flange size	极数 poles	安装尺寸Mounting dimensions											外形尺寸 Outl ine dimensions						
			D	E	F	G	M	N	P	R	S	T	凸缘孔数 Flange hoies	L						
														AC	AD	HD	Y2/YD2	YVF2	YEJ2	
63M	FF115	2、4	11	23	4	8.5	115	95	140	0	10	3	4	130	70	130	230			
71M	FF130	2、4、6	14	30	5	11	130	110	160						145	80	145	253		
80M	FF165	2、4、6、8	19	40	6	15.5	165	130	200		12	3.5		4	175	145	185	295	370	390
90S			24	50	8	20									195	155	195	320	380	420
90L																		345	410	445
100L	FF215		28	60	24	215	180	250	14.5		4	215			180	245	385	465	480	
112M			240	190								265			400	480	510			
132S	FF265		38	80	10	33	265	230				300			275	210	315	470	530	585
132M			510	570	625															
160M	FF300		42	110	12	37	300	250	350		330	255			385	615	660	720		
160L			48		14	42.5					670	715			765					
180M		700									775	825								
180L		740	715		875															
200L	FF350	55	16	49	350	300	400	420	305		480	770		850	900					
225S	FF400	4、8	60	140	18	53	400	350	450		18.5	5		8	470	335	535	815	880	1000
225M		2	55	110	16	49												820	915	1000
		4、6、8	60	18	53	845												1030		
250M	2	65	58		500	450	550	510	370						595	910	980	985	1085	
	4、6、8							75	20						67.5					
	280S			2				65	18						58					
280M	FF500	4、6、8	75	20	67.5	580	410	650	1035						1135					
		4、6、8	75																	

附录II

Y2系列铝壳电动机外形及安装尺寸

Appendix II Y2 series
aluminum motor's dimensions



Y2-63-160 B3.B5/B35

机座号 frame size	安装尺寸 Mounting dimensions																		外形尺寸 Outline dimensions					
	A	AA	AB	BB	HA	AC	AD	B	C	D	DH	E	F	G	H	K	KK		L	M	N	P	S	T
																	METRIC	PG						
Y2-63M	100	24	135	100	7	130	111	80	40	11	M4X12	23	4	8.5	63	7.0	1-M20X1.5	1-PG11	217	115	95	140	10	3
Y2-71M	112	26	150	110	8	145	118	90	45	14	M5X12	30	5	11.0	71	7.0	1-M20X1.5	1-PG11	245	130	110	160	10	3.5
Y2-80M	125	35	165	125	9	175	134	100	50	19	M3X16	40	6	15.5	80	10.0	1-M25X1.5	1-PG16	287	165	130	200	12	3.5
Y2-90S	140	37	180	125	10	195	140	100	56	24	M8X19	50	8	20.0	90	10.0	1-M25X1.5	1-PG16	315	165	130	200	12	3.5
Y2-90L	140	37	180	150	10	195	140	125	56	24	M8X19	50	8	20.0	90	10.0	1-M25X1.5	1-PG16	340	165	130	200	12	3.5
Y2-100L	160	40	205	172	11	215	160	140	63	28	M10X22	60	8	24.0	100	12.0	1-M32X1.5	1-PG21	385	215	180	250	14.5	4
Y2-112M	190	41	230	181	12	240	178	140	70	28	M10X22	60	8	24.0	112	12.0	2-M32X1.5	2-PG21	400	215	180	250	14.5	4
Y2-132S	216	51	270	186	15	275	206	140	89	38	M12X28	80	10	33.0	132	12.0	2-M32X1.5	2-PG21	483	265	230	300	14.5	4
Y2-132M	216	51	270	224	15	275	206	178	89	38	M12X18	80	10	33.0	132	12.0	2-M32X1.5	2-PG21	510	265	230	300	14.5	4
Y2-160M	254	55	320	260	18	330	255	210	108	42	M16X36	110	12	37.0	160	14.5	2-M40X1.5	2-PG29	615	300	250	350	18.5	5
Y2-160L	254	55	320	304	18	330	255	254	108	42	M16X36	110	12	37.0	160	14.5	2-M40X1.5	2-PG29	670	300	250	350	18.5	5

Y2-63-160 B14A.B5/B14B

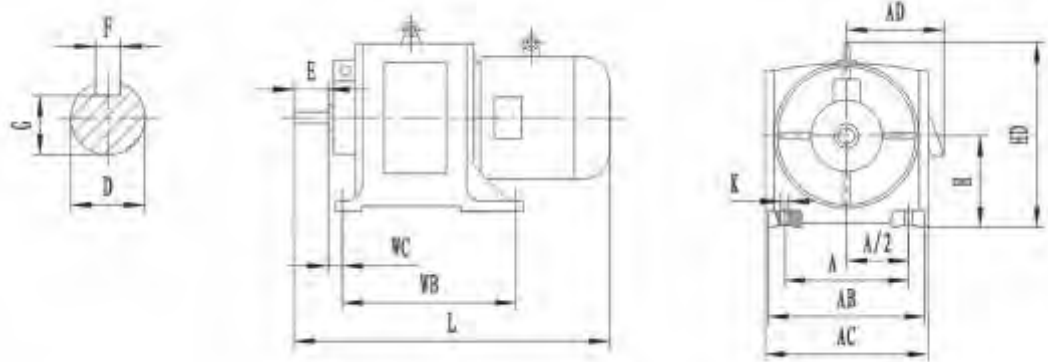
机座号 frame size	安装尺寸 Mounting dimensions									B14A						B14B				
	AC	AD	D	DH	E	F	G	KK		L	M	N	P	S	T	M	N	P	S	T
								METRIC	PG											
Y2-63M	130	111	11	M4X12	23	4	8.5	1-M20X1.5	1-PG11	217	75	60	90	M5	2.5	100	80	120	M6	2.5
Y2-71M	145	118	14	M5X12	30	5	11.0	1-M20X1.5	1-PG11	245	85	70	105	M6	2.5	115	95	140	M8	3
Y2-80M	175	134	19	M6X16	40	6	15.5	1-M25X1.5	1-PG16	287	100	80	120	M6	3.0	130	110	160	M8	3.5
Y2-90S	195	140	24	M8X19	50	8	20.0	1-M25X1.5	1-PG16	315	115	95	140	M8	3.0	130	110	160	M8	3.5
Y2-90L	195	140	24	M8X19	50	8	20.0	1-M25X1.5	1-PG16	340	115	95	140	M8	3.0	130	110	160	M8	3.5
Y2-100L	215	160	28	M10X22	60	8	24.0	1-M32X1.5	1-PG21	385	130	110	160	M8	3.5	165	130	200	M10	3.5
Y2-112M	240	178	28	M10X22	60	8	24.0	2-M32X1.5	2-PG21	400	130	110	160	M8	3.5	165	130	200	M10	3.5
Y2-132S	275	206	38	M12X28	80	10	33.0	2-M32X1.5	2-PG21	483	165	130	200	M10	3.5	215	180	250	M12	4
Y2-132M	275	206	38	M12X28	80	10	33.0	2-M32X1.5	2-PG21	510	165	130	200	M10	3.5	215	180	250	M12	4
Y2-160M	330	255	42	M16X36	110	12	37.0	2-M40X1.5	2-PG29	615	215	180	250	M12	4.0	265	230	300	M14	5
Y2-160L	330	255	42	M16X36	110	12	37.0	2-M40X1.5	2-PG29	670	215	180	250	M12	4.0	265	230	300	M14	5



附录 III

YCT系列电动机外形及安装尺寸

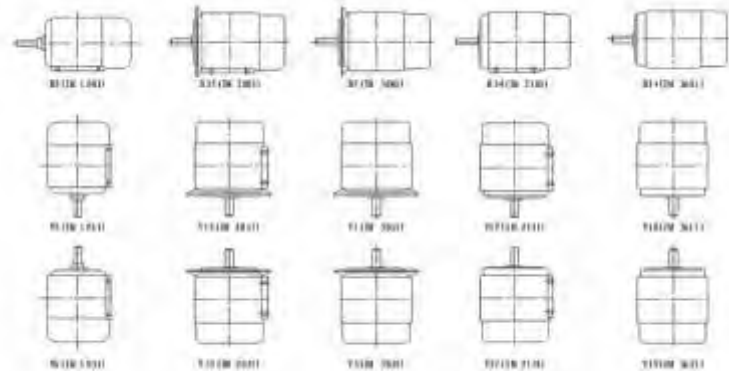
Appendix III YCT series motor's dimensions



机座号 frame size		安装尺寸 Mounting dimensions										外形尺寸 Outline dimensions				
		A	A/2	WB	WC	D	E	F	G	H	K	AB	AC	AD	HD	L
112	-4A	190	95	210	40	19	40	6	15.5	112	12	240	260	150	280	520
	-4B															
132	-4A	216	108	241	45	24	50	8	20	132	14.5	285	310	165	330	570
	-4B															585
160	-4A	254	127	267	50	28	60	10	24	160	18.5	330	350	185	385	665
	-4B															820
180	-4A	279	139.5	305	56	32	70	12	28	180	24	365	385	195	430	700
	-4B															860
200	-4A	318	159	356	63	38	80	14	33	200	28	410	430	235	485	820
	-4B															860
225	-4A	356	178	406	70	42	90	16	37	225	35	465	485	270	545	980
	-4B															1025
250	-4A	406	203	457	77	48	100	18	42.5	250	40	520	540	295	595	1130
	-4B															1170
280	-4A	457	228.5	508	84	55	110	20	49	280	45	575	595	320	665	1280
	-4B															1400
315	-4A	508	254	560	91	60	120	22	53	315	50	645	670	345	770	1425
	-4B															1425
355	-4A	610	305	630	108	65	130	24	58	355	55	755	780	390	890	1550
	-4B															1630
	-4C					70	140		67.5					420		1680

电机安装型式代号及简易图

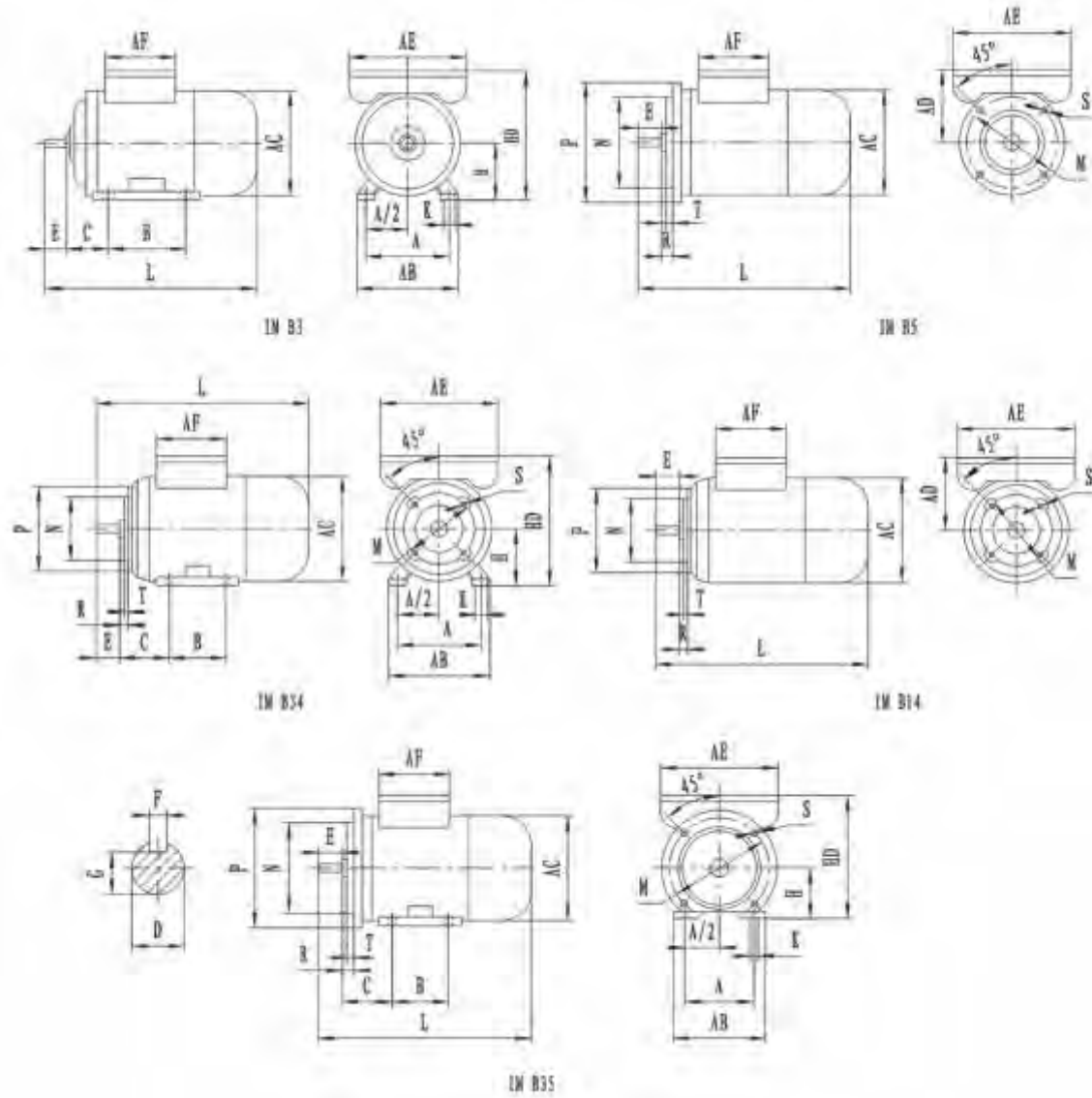
Symbols and Diagrams for mounting
Types of Electric Motor



附录IV

YL、YC、YY、YS电动机外形及安装尺寸

Appendix IV YL、YC、YY、YSseries motor' s dimensions



机座号 frame size	安装尺寸 Mounting dimensions																				外形尺寸 OutLine dimensions								
	A	A/2	B	C	D	E	F	G	H	K	IM B14 B34						IM B5 B35						AB	AC	AD	AE	AF	HD	L
											M	N	P	R	S	T	M	N	P	R	S	T							
71	112	56	90	45	45	30	5	11	71	7	85	70	105	0	M6	3	130	110	160	0	10	3.5	145	145	110	175	105	180	255
80	125	62.5	100	50	50	40	6	15.5	80	10	100	80	120	0	M6	3	165	130	200	0	12	3.5	160	165	120	200	135	220	295
90S	140	70	100	56	56	50	8	20	90		115	95	140	0	M8	3	165	130	200	0	12	3.5	180	185	160	200	135	230	310
90L			125																										
100L	160	80	140	63	63	60			24	100	12	130	110	155	0	M8	4	215	180	250	0	14.5	4	205	220	180	200	135	250



各类油泵尺寸规格表

中国国家标准(CNS)单相、三相检验特性标准

China National Standard (CNS) single phase and three phase inspection characteristic standard

马力HP		1/4	1/2	1	2	3	5	7.5	10	15	20
极数(P)		4P									
额定输出(KW)		0.18	0.37	0.75	1.5	2.2	3.7	5.5	7.5	11	15
	50Hz	1500									
同步转速		1800									
空载电流Io(A)以下		1.3	1.7	1.9	3.1	4.2	6.3	10	13	17	22
起动电流Is(A)以下		11	17	26	44	60	100	150	191	282	368
起动转矩Ts (%)以上		2.0	2.0	1.9	1.9	1.8	1.7	1.6	1.6	1.5	1.5
停顿转矩Tn (%)以上		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
满载电流If(A)以上		1.6	2.5	4.1	7.0	9.6	15.4	23	31	44	58
满载功率因数Pf(%)以上		53.0	63.0	70.0	75.0	77.0	78.0	77.0	78.0	79.0	19.5
满载效率 (%) 以上		56.0	63.5	69.5	75.5	78.5	81.0	82.5	83.5	84.5	85.5
满载转速 (RPM)	50Hz	1343	1365	1380	1388	1395	1403	1410	1410	1410	1418
	60Hz	1611	1638	1656	1665	1674	1683	1692	1692	1692	1701
温升 (℃) 以下		75	75	75	75	75	75	80	80	80	80
绝缘电阻 (M) 以上		1	1	1	1	1	1	1	1	1	1
耐压试验 (V) 以上		1000	1500	1500	1500	1500	1500	1500	1500	1500	1500
转差率 (%) 以下		10.5	9.0	8.0	7.5	7.0	6.5	6.0	6.0	6.0	5.5

马力HP		1/4	1/2	1	2	3	5	7.5	10	15	20
极数(P)		6P									
额定输出(KW)		0.18	0.37	0.75	1.5	2.2	3.7	5.5	7.5	11	15
	50Hz	950									
同步转速		1800									
空载电流Io(A)以下		1.3	1.7	1.9	3.1	4.2	6.3	10	13	17	22
起动电流Is(A)以下		11	17	26	44	60	100	150	191	282	368
起动转矩Ts (%)以上		1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4
停顿转矩Tn (%)以上		1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.8
满载电流If(A)以上		1.8	2.9	4.6	7.7	10.6	17.0	25	33	47	62
满载功率因数Pf(%)以上		50.0	55.0	63.0	69.0	71.0	71.5	72.0	73.0	74.5	75.5
满载效率 (%) 以上		55.0	62.0	68.0	74.5	77.0	80.0	82.0	83.0	84.0	84.5
满载转速 (RPM)	50Hz	890	900	915	920	930	935	940	940	940	945
	60Hz	1068	1080	1098	1104	1116	1122	1128	1128	1128	1134
温升 (℃) 以下		75	75	75	75	75	75	80	80	80	80
绝缘电阻 (M) 以上		1	1	1	1	1	1	1	1	1	1
耐压试验 (V) 以上		1000	1500	1500	1500	1500	1500	1500	1500	1500	1500
转差率 (%) 以下		11.0	10.0	8.5	8.0	7.0	6.5	6.0	6.0	6.0	5.5

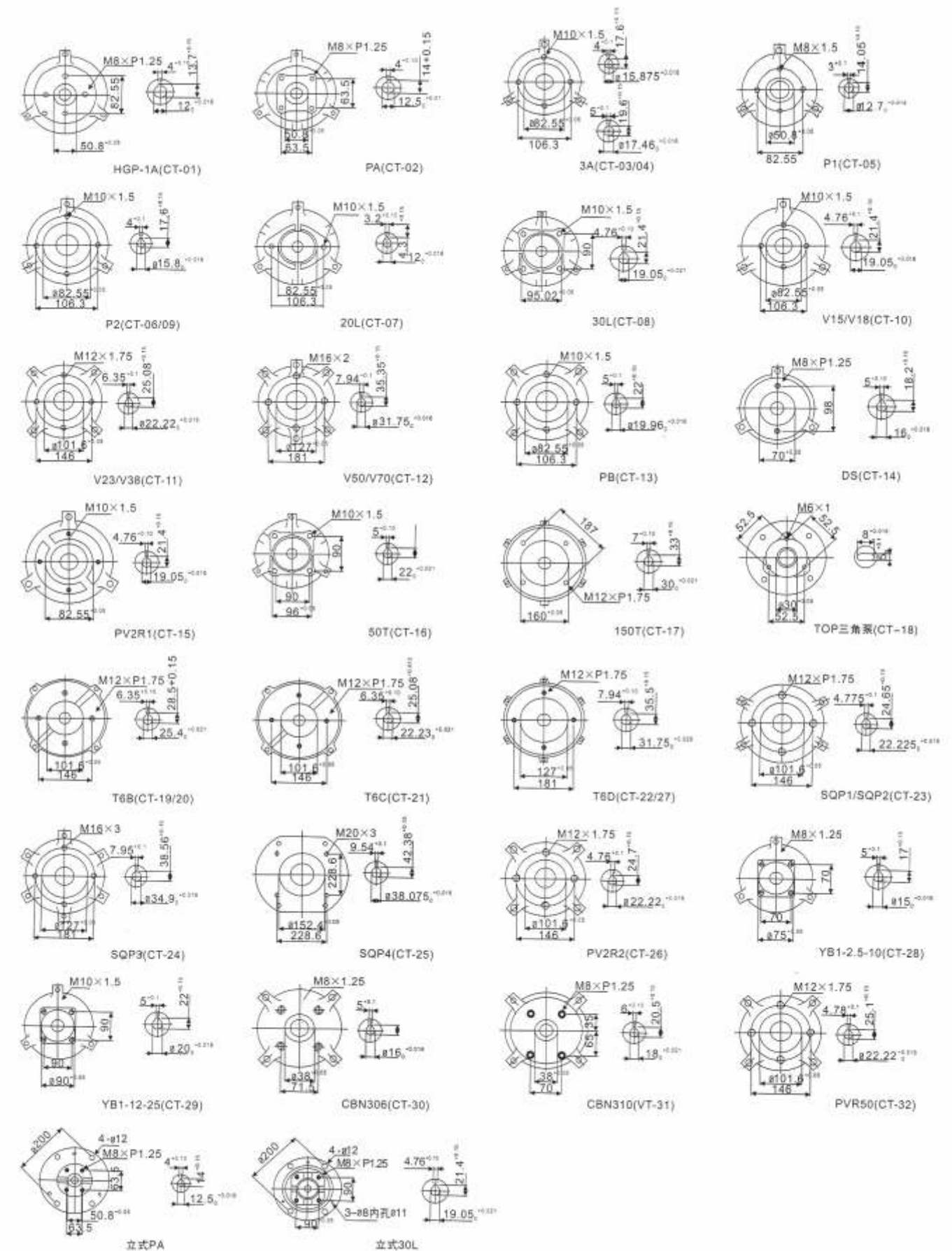
序号	油泵型号	一般厂家油泵型号	心轴尺寸	键高C	键长D	轴深E	法兰内径F	固定孔距G	固定直径G
01	NOP	AM5/5A/6	φ 5x9			11	30	45	M6X1.0
02		NOP、TOP	φ 5x9			11	30	45	M6X1.0
03	HP1		φ 10x3	11.5	26	35	30	64x64	M8X1.25
04	PZ	PZ	φ 10x3	11.5	26	35	φ 50.8	82.55	M8X1.25
05	PR	逆渗透PR	φ 11.06x8	14.6	21	30	φ 54	82.55	M8X1.25
06	PA	PA	φ 12.5x4	14	22	38	φ 50.774	63.5x63.5	M8X1.25
07	P1	P1	φ 12.73	14.05	15	27	φ 50.8	82.55	M8X1.25
08	AP-100		φ 12.7x3.175	14.3	30	40	φ 50.8	82.55	M8X1.25
09	20L	VPE-F8/12/15/20/24	φ 12.7x3.175	14.2	19	36	φ 82.55	106	M10X1.5
10		VA1	φ 12.7x3.175	14.3	19	36	φ 82.55	106	M10X1.5
11		VCM-SF-12/20	φ 12.7x3.175	14.3	19.05	36.5	φ 82.55	103	M10X1.5
12	YP-10		φ 12x3	13.5	30	40	φ 50	106	M8X1.25
13	TFP		φ 12x3	13.5	25	40	φ 30	56x73	M6X1.0
14	TK2	TK1504/06/08/10	φ 12x4	14	40	45	42	68	M6X1.0
15	1A	HSP-1A	φ 12x4	14	16	28.8	φ 30	64x64	M6X1.0
16	TOP		φ 14x4	16	40	45	φ 47	68	M8X1.25
17	TK3	TK3015/20/30/40	φ 15x5	17.5	40	45	54	68	M8X1.25
18	5分	VVP-F8V/12/15/20(双连)	φ 15.875x4	17.7	19	36	φ 82.55	106	M10X1.5
19		IG2F	φ 15.875x4	17.73	34	59	φ 82.55	106.4	M10X1.5
20		GE4-26	φ 15.875x4	17.72	34	31.5	φ 82.55	106.36	M10X1.5
21		3A\HP2	φ 15.875x4	17.6	18	31.8	φ 82.55	106.4	M10X1.5
22	DS	DS	φ 16x5	18.2	18.5	28	φ 70	98	M8X1.25
23		FB1	φ 16x5	18.2	18.5	28	φ 70	98	M8X1.25
24	1P	1P	φ 17.46x5	19.6	40	50	φ 82.55	106.4	M10X1.5
25	GSP2	内田	φ 18x6	20.5	45	55	φ 80	71.5x100偏下	M8X1.25
26	BCP	IG2E	φ 18x6	20.5	30	41	φ 82.55	106.4	M10X1.5
27		DEG4-26	φ 18x6	20.5	28	50	φ 82.55	106.36	M10X1.5
28	GSP2-85	王冠	φ 19.05x4.76	21.4	40	50	φ 70	95.3x31.8偏上	M8X1.25
29	FA1	VCM-1M	φ 19.05x4.76	21.24	25	44.5	φ 82.55	106	M10X1.5
30		PV2R1	φ 19.05x4.76	21.24	25	44.5	φ 82.55	106	M10X1.5
31		VQ15	φ 19.05x4.76	21.24	27	53.5	φ 82.55	106	M10X1.5
32		A16,A221FA1	φ 19.05x4.76	21.25	22	46	φ 82.6	106.3	M10X1.5
33	30L	VCM-SF-30/40	φ 19.05x4.76	21.4	22	37	φ 95.02	90x90	M10X1.5
34		VPE-F25/30/40	φ 19.05x4.76	21.4	22	37	φ 95.02	90x90	M10X1.5
35		VD2	φ 19.05x4.76	21.4	22	37	φ 95.02	90x90	M10X1.5
36		50T(φ 19)	φ 19.05x4.76	21.4	22	50	φ 95	90x90	M10X1.5
37		VD1VD1	φ 19.05x4.76	21.4	22	37	φ 95.02	90x90	M10X1.5
38	PB	PB	φ 20x5	21.8	32	40	φ 82.55	106	M10X1.5
39		IG3E	φ 20x6	20.5	30	41	φ 101.6	146	M12X1.75
40	50T	VCM-50T	φ 22x5	24	28	50	φ 96	90x90	M10X1.5
41		50T	φ 22x5	24	28	55	φ 96	90x90	M10X1.5
42	PHB	PHB	φ 22x7	25	32	39	φ 82.55	106	M10X1.5
43	PBR2舊旧	PV2R2(福南)	φ 22.2x4.76	24.7	50	60	φ 101.6	146	M12X1.75
44	T6C	A37, PV2R2	φ 22.2x6.35	25.08	35	58.5	φ 101.6	146	M12X1.75



主要内轴电机规格表

各类油泵尺寸规格表

序号	油泵型号	一般厂家油泵型号	心轴尺寸 AxB	键高C	键长D	轴深E	法兰内径F	固定孔距G	固定孔直径 H
48	T6C	V23、V38	φ 22.2x6.35	25.08	35	58.5	φ 101.6	146	M12X1.75
49		VQ25	φ 22.2x6.35	25.01	32	60.5	φ 101.6	146	M12X1.75
50	T6D-A	VQ25	φ 22.2x6.35	25.01	31.5	59.5	φ 127	181	M16X2.0
51		SVQ215	φ 22.2x6.35	25.01	31.5	59.5	φ 127	181	M16X2.0
52	三角帮浦	内田泵	φ 25x8	28.2	40	55	φ 63	80	M8X1.25
53	VDC	45A	φ 25.4x4.76	27.6	38	78	φ 135	146	M12X1.75
54	T6B	PV2R2	φ 25.4x6.35	28.18	32	89	φ 101.6	146	M12X1.75
55		PV2R12	φ 25.4x6.35	28.18	40	67	φ 101.6	146	M12X1.75
56		VCM-12M	φ 25.4x6.35	28.18	40	67	φ 101.6	146	M12X1.75
57		VCM-2M	φ 25.4x6.35	28.18	32	59	φ 101.6	146	M12X1.75
58	PC	PC	φ 25x7	28	36	57	φ 101.6	146	M12X1.75
59	1G4E	1G4E	φ 25x8	28	45	72	φ 101.6	146	M12X1.75
60	150T	150T四孔	φ 30x7	33	32	50.5	φ 160	187	M12X1.75
61		150T六孔	φ 30x7	33	31.5	50.5	φ 160	187	M12X1.75
62	T6D	IG5F	φ 31.75x7.94	35.33	50	85	φ 127	181	M16X2.0
63		VCM-3M	φ 31.75x7.94	35.32	40	75	φ 127	181	M16X2.0
64		PV2R3	φ 31.75x7.94	35.32	40	75	φ 127	181	M16X2.0
65		VQ35	φ 31.75x7.94	35.32	46	75	φ 127	181	M16X2.0
66		VCM-13M/23M	φ 31.75x7.94	35.32	40	75	φ 127	181	M16X2.0
67		V50/V70	φ 31.75x7.94	32.35	38	57	φ 127	181	M16X2.0
68	VP46	IG5E	φ 32x10	35	50	89	φ 127	181	M16X2.0
69	VQ45	VQ425	φ 38.1x9.525	42.36	50	85.7	φ 127	181	M16X2.0
70		VQ45	φ 38.1x9.525	42.36	50	83	φ 127	181	M16X2.0
71	PV2R4	SVQ45	φ 38.1x9.525	42.36	50	83	φ 152.4	228.6x228.6	M20X2.75
72		SVQ435	φ 38.1x9.525	42.36	50	84	φ 152.4	228.6x228.6	M20X2.75
73	Gs2	福南二孔	φ 17x5	20.5	25	36	φ 82.55	106.3	M10X1.5



注：●以上油泵尺寸规格参考主要生产厂资料，其他相同尺寸油泵型号各有不同请参考油泵厂型录。

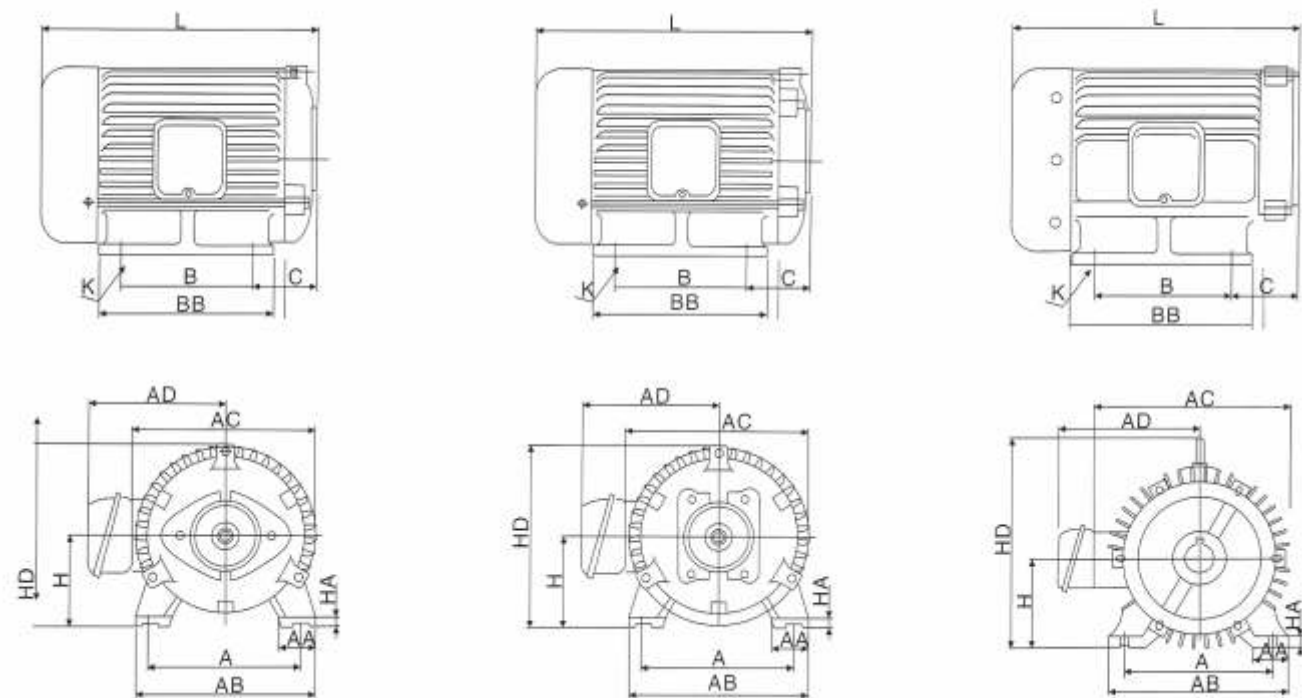
●客户订购压马达时请确实核对各项尺寸避免因型号错误造成规格不符。

●其他特殊规格液压马达均可订制，订货时请提供图面或相关搭配尺寸规格。



立式及单相内轴液压电机

卧式内轴液压专业电机

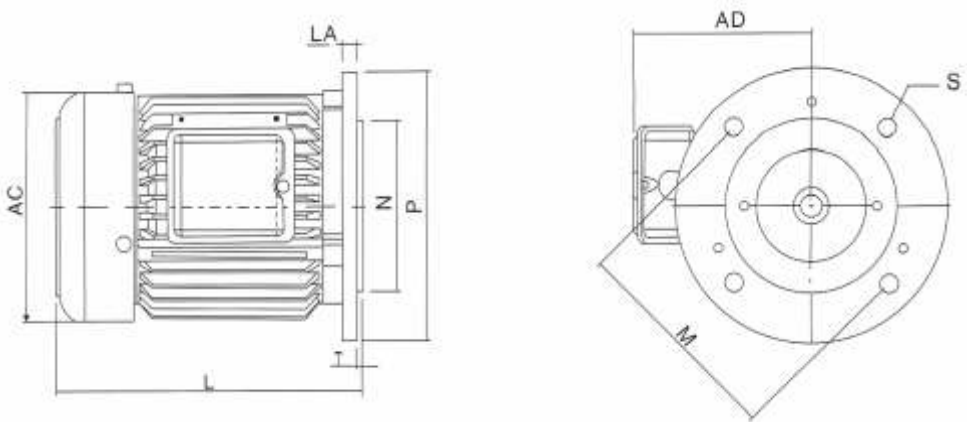


图一

图二

图三

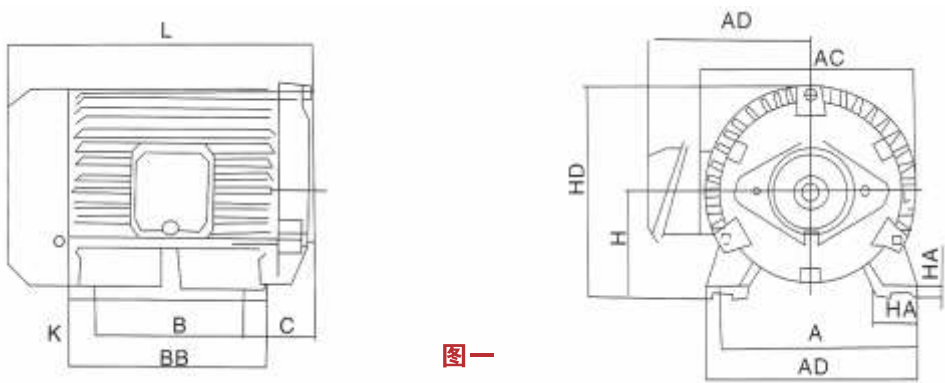
4P	6P	相数	图号	A	AA	AB	AC	AD	B	BB	C	H	HA	HD	K	L
1/2	1/4	三	图一	125	35	155	177	140	100	130	51	80	8	170	10	230
1	1/2	三		125	35	155	177	140	100	130	53.5	80	10	170	10	240
2	1	三		140	35	170	196	160	125	150	57	90	10	190	12	278
3	2	三	图二	160	45	200	225	160	140	175	65	100	12	247	12	307
5	3	三		190	45	228	245	180	140	175	73.5	112	12	265	12	330
7.5	5	三		216	45	250	270	190	140	175	77	132	16	310	12	335
10	7.5	三	图三	216	45	250	270	190	178	212	75	132	16	310	12	370
15	10	三		254	50	300	344	256	210	250	87	160	16	380	15	485
20	15	三		254	50	300	344	256	254	300	87.5	160	18	380	15	526
25/30	20	三	图一	279	75	355	382	301	241	297	105	180	18	421	15	541
40	25/30	三		279	75	355	382	301	279	335	105	180	18	421	15	579
1/2	-	单		125	35	155	177	137	100	130	58	80	10	177	10	250
1	-	单	图一	140	35	176	204	155	125	150	60	90	10	190	10	295
2	-	单		140	35	176	204	155	125	150	64	100	12	200	10	350
3	-	单		190	45	224	245	185	140	175	73.5	112	14	265	12	385
5	-	单	图一	190	45	224	245	185	140	175	95	112	14	265	12	420



安装尺寸和外形尺寸

4P	6P	框号	相数	AC	AD	L	LA	M	N	P	S	T	净重(kg)
1	1/2	80	三	177	139	248	10	180	130	205	12	12	16.5
1	-	90	单	195	154	280	10	200	130	230	12	10	24
2	1	90	三	195	148	258	10	200	130	230	12	10	24
2	-	90	单	196	155	306	10	200	130	230	12	10	30
3	2	112	三	230	166	285	11	215	180	250	14	9	32
7.5	5	132	三	268	195	345	13.5	565	230	300	15	5	61
10	7.5	132	三	268	195	380	13.5	265	230	300	15	5	71

单相卧式内轴液压电机



图一

安装尺寸和外形尺寸

4P	相数	图号	A	AA	AB	AC	AD	B	BB	C	H	HA	HD	K	L
1/2	单	图一	110	26	136	176	80	90	110	45	71	8	160	9	210
1	单		125	35	155	177	140	100	130	53.5	80	10	170	10	240
2	单		140	35	170	196	160	125	150	57	90	10	190	12	278
3	单		160	45	200	225	160	140	175	65	100	12	247	12	307
5	单		190	45	228	245	180	140	175	73.5	112	12	265	12	330

安装尺寸和外形尺寸

功率(kW)	电压(V)	电流(A)	效率(%)	功率因数(COS)	堵转转矩	堵转电流	最大转矩	重量(kg)	噪声DB(A)
1/2HP	220V	2.46A	69.70%	0.99	1.8	10.9A	1.7	7.5	67
1HP	220V	4.8A	73.80%	0.96	1.8	21.8A	1.7	21	68
2HP	220V	8.3A	77.40%	0.99	1.8	39.8A	1.8	25	73
3HP	220V	16.5A	78%	0.92	1.7	80A	1.8	37	78
5HP	220V	23A	81.50%	0.9	1.7	111A	1.8	46	78



摆线针轮减速机

单级电动机直联型
摆线针轮减速机额定输入功率表 单位：KW

机号	传动比								
	11	17	23	29	35	43	59	71	87
X2 B0	0.75 0.55		0.55	0.37 0.25					
X3 B1	2.2 1.5	1.5	1.1	1.1	0.75	0.55			
X4 B2	4	3	2.2	1.5	1.5	1.1	1.1 0.75	0.75	
X5 B3	7.5	5.5	5.5	4	4 3	3 2.2	2.2 1.5	1.5	
X6 B4	11		7.5		7.5 5.5	5.5 4	4 3	3 2.2	2.2
X7	15	11	11		7.5 5.5		5.5 4	4	
X8 B5	18.5		15	15	11	11 7.5	7.5 5.5	5.5	
X9 B6	22	18.5	18.5		15		15 11	11	
X10B7		37	37 30	30 20	22	18.5	18.5	15	15
X11B8		55			45		37	22	22 18.5
X12B9			55			45 37	37 22	22 18.5	22 18.5
输出转速 rpm	输入 1500rpm								
	136	88	65	51	42	34	25	21	17
	输入 1000rpm								
	92	59	43	34	29	23	17	14	11

注:输入功率为18.5KW及以上时,请选用1000rpm的输入转速。

直联型减速机配置动力源代号

配置动力源	代号	配置动力源	代号
普通电机	Y	内锥形拖动电机	N
防爆电机	B	调速电机	T
直流电机	Z	电机	D

双级电动机直联型摆线针轮减速机额定输入功率表（KW）

机号	许用轴矩传 N-M	传动比																	
		121	187	289	391	473	595	731	841	1003	1225	1505	1849	2065	2537	3481	4189	5133	7569
		输入转速 1500rpm																	
X42 B20	540	0.75 0.55	0.55 0.37	0.37	0.25	0.25	0.25	—	—	—	—	—	—	—	—	—	—	—	—
X53 B31	1275	2.2 1.5	1.1 0.75	0.75 0.55	0.75 0.55	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—
X63 B41	1225	2.2	2.2 1.5	1.5 1.1	1.1 0.75	0.75 0.55	0.75 0.55			—	—	—	—	—	—	—	—	—	—
X74	2650	4 3	3 2.2	2.2 1.5	1.5 1.1	1.1 0.75	0.75 0.55	0.55	0.55	—	—	—	—	—	—	—	—	—	—
X85 B53	4510	7.5 5.5	5.5 4	4 3	3 2.2	2.2 1.5	2.2 1.5	1.5	1.5	1.1	—	—	—	—	—	—	—	—	—
X95 B63	8820	7.5	7.5 5.5	5.5 4	5.5 4	4 3	3 2.2	2.2 1.5	1.5	1.5	1.1	—	—	—	—	—	—	—	—
X106 B74	11760		11 7.5	11 7.5	7.5 5.5	5.5 4	4 3	3 2.2	2.2	2.2	2.2	—	—	—	—	—	—	—	—
X117 B85	21560			15	11 7.5	11 7.5	7.5 5.5	5.5	2.2	—	—	—	—	—	—	—	—	—	—
X1280B95	29400		15	18.5	15	11	11 7.5	7.5	7.5 5.5	5.5	—	—	—	—	—	—	—	—	—
输出轴转速		12.4	8	5.2	3.8	3.2	2.5	2	1.8	1.5	1.2	1	0.8	0.7	0.6	0.4	0.36	0.3	0.2

注:在严格限制许可转矩下 “—” 处输入功率可以采用表中该机号下的最小额定输入功率

摆线针轮减速机型号对照表

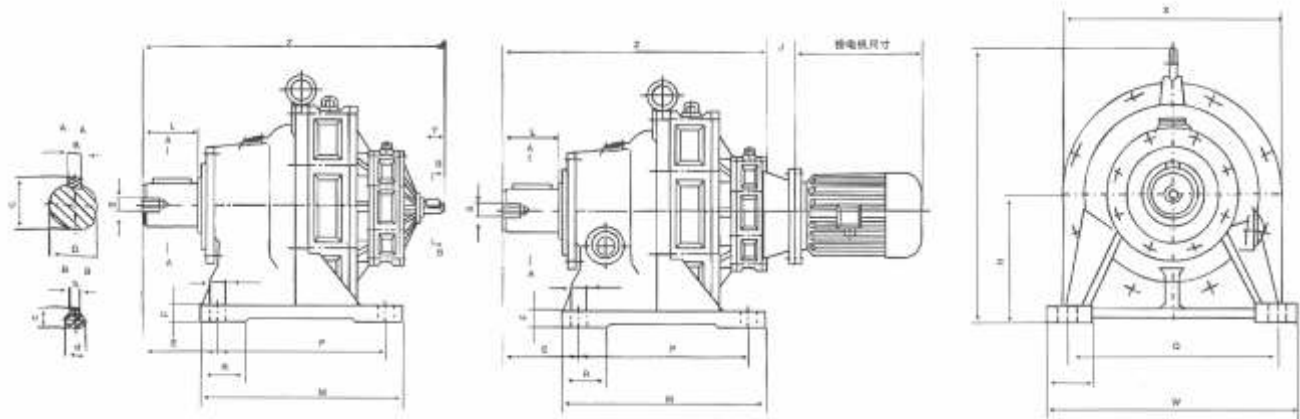
减速机系列	型号对照											
X系列		X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12
	X1	B0	B1	B2	B3	B4		B5	B6	B7	B8	B9
B系列	B09	B12	B15	B18	B22	B27		B33	B39	B45	B55	B65
		B120	B150	B180	B220	B270		B330	B390	B450	B550	B650



单级减速机输出轴许用转矩表

机号	X2 B0	X3 B1	X4 B2	X5 B3	X6 B4	X7	X8 B5	X9 B6	X10 B7	X11 B8	X12 B9
输出轴许用转矩 N-M											
传动比	输出转速1500rpm						1000rpm				
11	48.3	141.7	257.6	483	708.3	965.9	1787	2125.1	4346.8	...	...
17	74.6	149.3	389.1	746.4	1094.7	1492.8	2761.8	3284.3	6717.9	8210.7	11196
23	53.9	202.0	296.2	740.5	1481.8	1481.8	3736.5	3736.5	8079	11109	15148
29	67.9	186.7	373.5	933.7	1867.4	1867.4	2546.5	4711.3	7639.9	14007	19100
35	82	225.4	307.4	819.6	1536.7	2253.8	3673.4	5686.5	6761.8	12294	23051
43	100.7	154.0	377.6	755.2	1384.5	1887.9	2768.9	3775.8	8307	15104	20768
59		207.2	380	759.9	1381.5	1899.6	2590.4	3799.3	9585	15543	23315
71		166.3	332.5	623.5	1246.9	1662.5	2286	4572	11534	13717	18705
87			280.1	764	1120.5	2037.2	2801.2	7639.5	7640	16808	22920

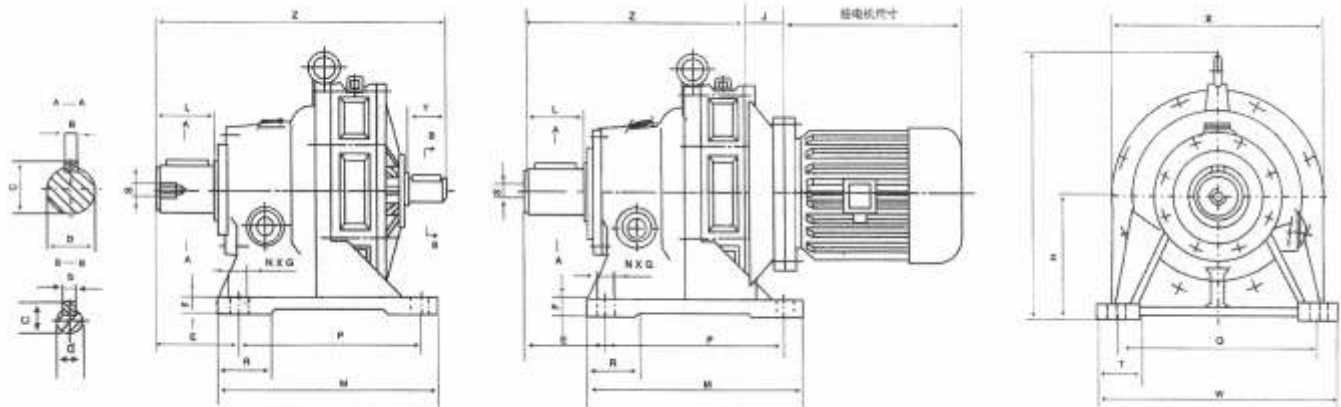
BWE,BWED,XWE,XWED型(双级)外形及安装尺寸



机号	外形尺寸（mm）						安装尺寸（mm）										轴端尺寸（mm）										重量(kg)	
	M	W	Z		I	X	J	H	E	F	P	Q	R	S	T	N	G	B	C	D	L	b	C	d	Y	BWE	BWED (约)	
			BWE	BWED																								
BWE , BWED10-95号																												
B10	160	280	317	267	250	200	附表	120	124	15	110	240		M10	55	4	13	10	38.5	35	56	5	17	15	22	43	45	BWE +电动机重量
B20	200	320	365	316	306	240		140	144	20	150	280		M10	60	4	13	14	48.5	45	71	5	17	15	22	50		
B30	250	390	416	367	355	300		160	159	25	200	340		M10	75	4	17	16	59	55	81	5	17	15	22	75		
B31	250	390	445	376	355	300		160	159	25	200	340	65	M10	75	4	17	16	59	70	81	6	20.5	18	35	90		
B41	320	430	533	465	425	340		200	206	25	260	380	65	M12	70	4	21	20	74.5	70	113	6	20.5	18	35	140		
B42	320	430	562	487	425	340		200	206	25	260	380	100	M12	70	4	21	20	74.5	70	113	6	24.5	22	40	193		
B52	400	490	617	542	495	400		240	173	25	340	440		M12	70	4	21	25	95	90	119	6	24.5	22	40	270		
B53	400	490	656	560	495	400		240	173	25	340	440		M12	70	4	21	25	95	90	119	8	33	30	55	289		
B63	520	560	744	648	605	500		280	201	35	440	500		M20	90	4	26	28	106	100	138	8	33	30	55	389		
B74	600	690	873	737	684	570		325	245	45	500	630		M20	105	6	28	28	116	110	165	10	38.5	35	62	650		
B85	810	880	1106	812	878	700	420	322	50	660	800		M30	140	6	39	32	137	130	200	14	48.5	45	81	1320			
XWE , XWED42-128号																												
X32	150	290	1502	1350	270	200	附表	140	151	20	100	250		M10	60	4	15	10	38.5	35	55	5	17	15	25		XWE 重量+电动机重量	
X42	195	330	373	318	316	240		150	169	22	145	290		M10	65	4	15	14	48.5	45	74	5	17	15	25	60		
X53	260	420	473	398	356	300		160	206	25	150	370		M10	75	4	15	16	59	55	91	6	20.5	18	35	90		
X63	335	4730	513	440	425	340		200	125	30	275	380		M12	75	4	21	18	70	65	89	6	20.5	18	35	140		
X64	335	430	552	550	425	340		200	125	30	275	380		M12	75	4	22	18	74.5	65	89	6	24.5	22	40	160		
X74	380	470	578	550	505	340		220	145	30	320	420		M12	95	4	21	22	85	80	109	6	24.5	22	40	193		
X84	440	530	644	560	505	400		250	155	35	380	480		M12	100	4	22	25	95	90	120	6	24.5	22	40	270		
X85	440	530	765	660	505	400		250	155	35	380	480		M12	100	4	22	25	95	90	120	8	33	30	15	289		
X95	560	620	790	684	605	500		290	186	40	480	560		M20	120	6	26	28	106	100	141	8	33	30	18	389		
X106	600	690	884	760	684	570		325	230	45	500	630		M30	120	6	30	28	116	110	150	10	38	35	18	650		
X117	810	880	891	753	878	700	420	324	50	660	800		M30	160	6	32	32	137	130	202	12	43	40	22	1320			

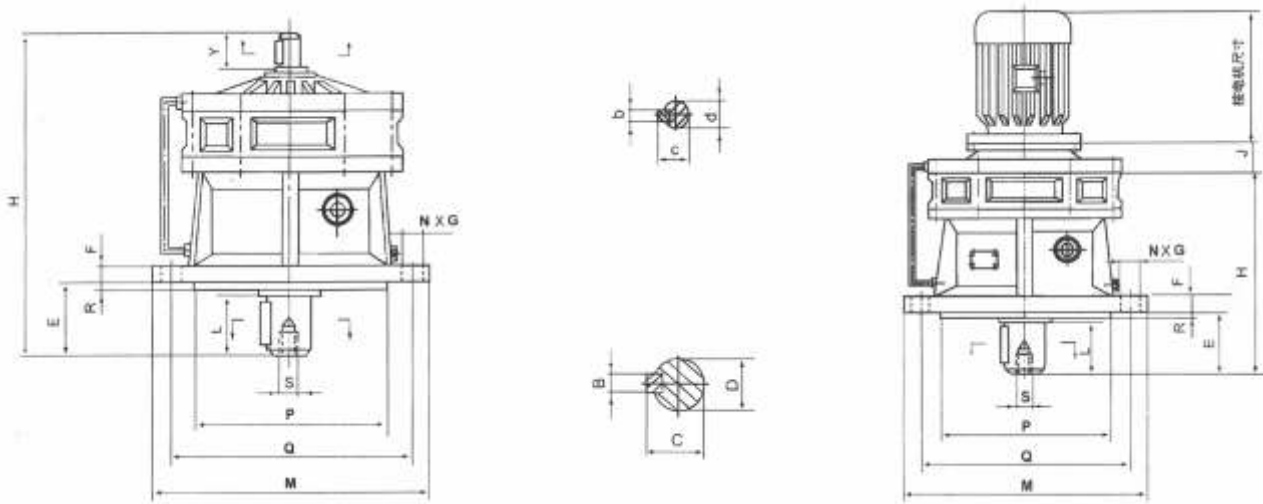


BW,BWD,XW,XWD型(单级)外形及安装尺寸



机号	外形尺寸（mm）						安装尺寸（mm）										轴端尺寸（mm）										重量(kg)	
	M	W	Z		I	X	J	H	E	F	P	Q	S	T	N	G	B	C	D	L	b	C	d	Y	BW	BWD (约)		
BW	BWDY																											
BW，BWD-9号																												
B0	120	185	213	164	181	168	附 表	100	98	15	90	150	M6	28	4	11	8	33	30	35	5	17	15	22	14	BW	重量 + 电动	
B1	160	280	262	193	250	200		120	124	15	110	240	M10	55	4	13	10	38.5	35	56	6	20.5	18	35	34			
B2	200	320	321	246	306	240		140	144	20	150	280	M10	60	4	13	14	48.5	45	71	6	24.5	22	40	48			
B3	250	390	391	295	355	300		160	159	25	200	340	M10	75	4	17	16	59	55	81	8	33	30	55	74			
B4	320	430	490	381	425	340		200	206	25	260	380	M12	70	4	21	20	74.5	70	113	10	38.5	35	62	120			
B5	400	490	571	435	495	400		240	173	25	340	440	M12	70	4	21	25	95	90	119	14	48.5	45	81	192			
B6	520	560	668	528	605	500		280	201	35	440	500	M20	90	4	26	28	106	100	138	14	53.5	50	80	390			
B7	600	690	783	594	684	570		325	245	45	500	630	M20	105	6	28	28	116	110	165	16	59	55	82	564			
B8	810	880	1044	812	878	700	420	322	50	660	800	M30	140	6	39	32	137	130	200	20	74.5	70	105	1160				
XW，XWD2-12号																												
X2	120	210	214	164	184	168	附 表	100	101	15	90	180	M6	45	4	11	8	28	25	34	5	17	15	25	14	XW	重量 + 电动机 重量	
X3	150	290	266	193	270	200		140	151	20	100	250	M10	60	4	15	10	38.5	35	55	6	20.5	18	35	34			
X4	195	330	320	245	316	240		150	169	22	145	290	M10	65	4	15	14	48.5	45	74	6	24.5	22	40	48			
X5	260	420	416	310	356	300		160	206	25	150	370	M10	75	4	15	16	59	55	91	8	33	30	45	74			
X6	335	430	476	379	425	340		200	125	30	275	380	M12	75	4	21	18	70	65	89	10	38	35	54	120			
X7	380	470	529	390	425	340		220	145	30	320	420	M12	95	4	21	22	85	80	109	12	43	40	65	165			
X8	440	530	600	448	505	400		250	155	35	380	480	M12	100	4	22	25	95	90	120	14	48.5	45	70	192			
X9	560	620	723	552	605	500		290	186	40	480	560	M20	120	6	26	28	106	100	141	14	53.5	50	80	390			
X10	600	690	815	612	684	570		325	230	45	500	630	M30	120	6	30	28	116	110	150	16	59	55	100	564			
X11	810	880	1065	809	878	700		420	324	50	660	800	M230	160	6	32	32	137	130	202	20	74.5	70	120	1160			

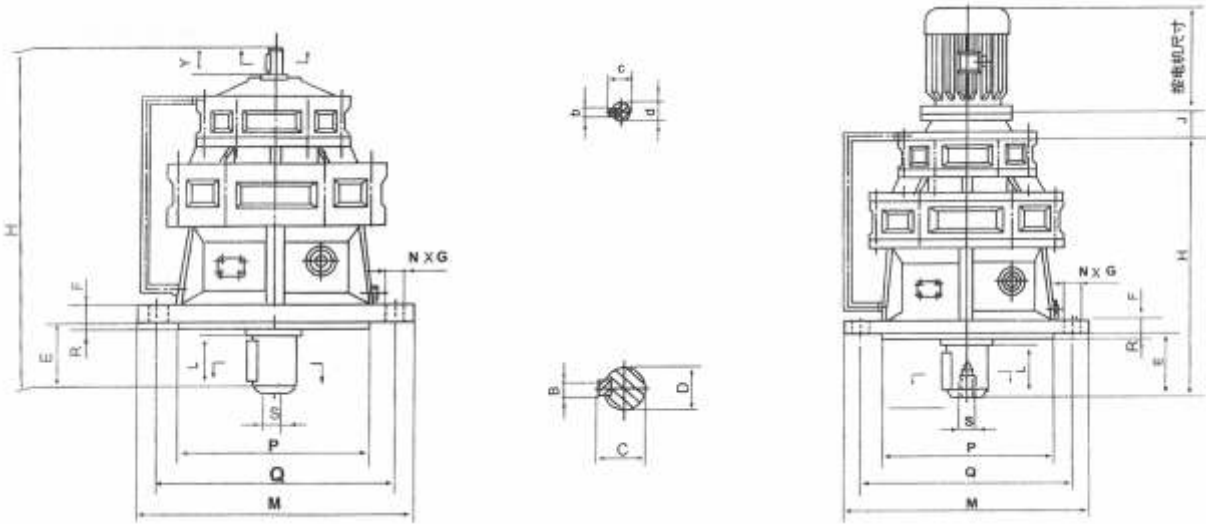
BL,BLD,XL,XLD型(单级)外形及安装尺寸



机号	外形尺寸（mm）				安装尺寸（mm）										轴端尺寸（mm）										重量(kg)	
	H		M	J	E	F	G	N	P	Q	R	S	B	C	D	L	b	C	d	Y	BL	BLD (约)				
	BL	BLD																								
BW , BWD0-9号																										
B0	213	164	190	附表	39	11	11	4	140	160	4	M6	8	33	30	35	5	17	15	22	13	BL	重量+电 动			
B1	262	193	230		60	12	11	6	170	200	4	M10	10	38	35	49	6	20.5	18	35	27					
B2	321	246	260		70	15	11	6	200	230	4	M10	14	48.5	45	61	6	24.5	22	40	43					
B3	391	295	340		78	20	13	6	270	310	5	M10	16	59	55	74	8	33	30	55	70					
B4	490	381	400		117	25	13	8	320	360	5	M12	20	74.5	70	106	10	38.5	35	62	115					
B5	571	435	490		131	30	15	12	400	450	8	M12	25	95	90	114	14	48.5	45	81	200					
B6	668	528	580		138	35	24	12	460	520	8	M20	28	106	100	138	14	53.5	50	82	370					
B7	783	594	650		180	40	28	12	520	590	10	M20	28	116	110	165	16	59	55	82	620					
B8	1044	812	880	215	45	35	12	680	800	10	M30	32	137	130	200	20	74.5	70	105	1220						
XW , XWD2-12号																										
X2	214	164	180	附表	42	12	12	6	130	160	3	M6	8	28	25	34	5	17	15	25	18	BL	重量+电 动机重 量			
X3	266	193	230		50	15	12	6	170	200	4	M10	10	38.5	35	49	5	20.5	18	35	27					
X4	320	245	260		79	15	12	6	200	230	4	M10	14	48.5	45	61	6	24.5	22	40	43					
X5	416	310	340		93	20	12	6	270	310	4	M10	16	59	55	76	8	33	30	45	70					
X6	476	379	400		92	22	16	8	316	360	5	M12	18	70	65	86	10	38	35	54	115					
X7	529	390	430		114	22	18	8	345	390	5	M12	22	85	80	98	12	43	40	65	165					
X8	600	448	490		112	30	18	12	400	450	6	M20	25	95	90	114	14	48.5	45	70	204					
X9	723	552	580		170	35	22	12	455	520	8	M25	28	106	100	138	14	53.5	50	80	370					
X10	815	612	650	174	40	22	12	520	592	10	M28	28	106	110	165	16	59	55	100	564						
X11	1065	809	880	210	45	38	12	680	800	10	M32	32	137	130	200	20	74.5	70	120	1160						

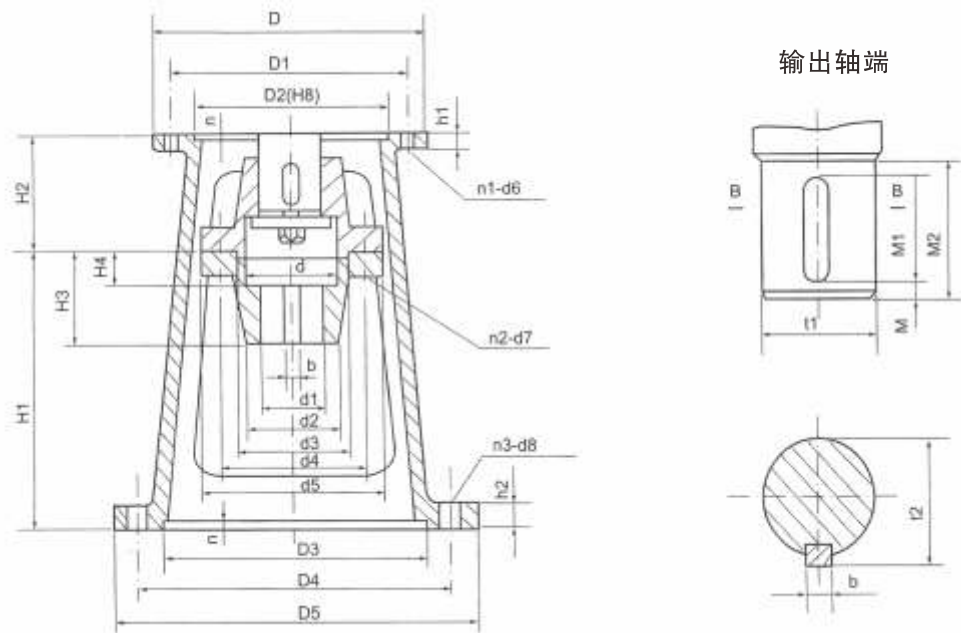


BLE,BLED,XLE,XLED型(双级)外形及安装尺寸



机号	外形尺寸 (mm)				安装尺寸 (mm)									轴端尺寸 (mm)									重量(kg)	
	H		M	J	E	F	G	N	P	Q	R	S	B	C	D	L	b	C	d	Y	BLE	BLED (约)		
	BLE	BLED																						
BLE , BLED10~95号																								
B10	317	267	230	附表	60	12	11	6	170	200	4	M10	10	38	35	49	5	17	15	22	38	BLE重量+电动机重量		
B20	365	316	260		70	15	11	6	200	230	4	M10	14	48.5	45	61	5	17	15	22	50			
B30	416	467	340		78	20	13	6	270	310	5	M10	16	59	55	74	5	17	15	22	70			
B31	445	376	340		78	20	13	6	270	310	5	M10	16	59	55	74	6	20.5	18	35	95			
B41	533	465	400		117	25	13	8	320	360	5	M12	20	74.5	70	106	6	20.5	18	35	94			
B42	562	487	400		117	25	13	8	320	360	5	M12	20	74.5	70	106	6	24.5	22	40	160			
B52	617	542	490		131	30	17	12	400	450	8	M12	25	95	90	114	6	24.5	22	40	240			
B53	656	560	490		131	30	17	12	400	450	8	M12	25	95	90	114	8	33	30	55	260			
B63	744	648	580		138	35	24	12	460	520	8	M20	28	106	100	138	8	33	30	55	460			
B74	873	737	650		180	40	28	12	520	590	10	M20	28	116	100	165	10	38.5	35	62	690			
B85	1106	812	880	215	45	35	12	680	800	10	M30	32	137	130	200	14	48.5	45	81	1340				
XLE, XLED42~128号																								
X32	373	318	230	附表	50	15	12	6	170	200	4	M10	10	38.5	35	49	5	17	15	25	38	XLE重量+电动机重量		
X42	473	398	260		79	15	12	6	200	230	4	M10	14	48.5	45	61	5	17	15	25	50			
X53(52)	513	400	340		93	20	12	6	270	310	4	M10	16	59	55	76	6	20.5	18	35	110			
X63	578	500	400		92	22	16	8	316	360	5	M12	18	70	65	86	6	20.5	18	35	155			
X64	578	500	400		92	22	16	8	316	360	5	M12	18	69	65	81	6	24.5	22	40	170			
X74	644	560	430		114	22	18	8	345	390	5	M12	22	85	80	98	6	24.5	22	40	230			
X84	765	660	490		112	30	18	12	400	450	6	M20	25	95	90	114	6	33	22	40	260			
X85	790	684	490		112	30	18	12	400	450	6	M20	25	95	90	114	8	33	30	45	280			
X95	884	760	580		170	35	22	12	455	520	8	M20	28	106	100	138	8	38	30	45	480			
X106	891	573	650		174	40	22	12	520	590	10	M30	28	116	110	165	10	38	35	54	690			
X117	1502	1350	880	210	45	38	12	680	800	10	M30	32	137	130	200	12	43	40	65	1340				

立式摆线减速配套机架外形尺寸



JA型机架图

B-B剖面图

机架型号		减速机型号	尺寸																
			D	D1	D2	D3	D4	D5	H1	H2	H3	H4	h	h1	h2	d	d1	d2	d3
JA	J0	B10	190	160	140	170	210	250	201	60	55.5	23	5	18	18	45	30	60	70
	J1	B11	230	200	170	215	260	290	223	78	73	28	6	18	18	50	35	70	80
	J2	B12	260	230	200	290	350	380	278	88	85	28	6	20	20	60	45	80	90
	J3	B13	340	310	270	360	440	480	333	101	90	28	6	22	22	70	55	100	100
	J4	B14	400	360	320	440	535	580	410	128	135	31	7	25	25	90	70	120	150
	J5	B15	490	450	400	450	550	600	448	147	145	36	8	30	30	115	85	160	150

机架型号		减速机型号	尺寸									
			d4	d5	n1-d6		n2-d7		n3-d8		b	t1
JA	J0	B10	90	110	4-m10		4-φ11		4-φ12		8	30
	J1	B11	102	125	46-m10		4-φ13		8-φ12		10	35
	J2	B12	120	150	6-m12		4-φ15		8-φ14		14	45
	J3	B13	145	180	6-m12		4-φ15		8-φ18		16	55
	J4	B14	210	260	8-m16		6-φ17		8-φ22		20	70
	J5	B15	250	290	12-m16		8-φ21		8-φ22		25	90