

YBX4-CT4 系列粉尘防爆型三相异步电动机

YBX4-CT4 series dustproof and flameproof three phase asynchronous motor

- 环境温度： -15°C~40°C
- 海拔： 不超过1000米
- 额定功率： 0.18kW-315kW
- 机座： H63-H355
- 机座材质： 铸铁
- 额定电压： 220V-1140V
- 频率： 50Hz/60Hz
- 防护等级： IP54/IP55/IP56/IP65
- 绝缘等级： F/H
- 工作制： S1-S6
- Ambient Temperature: -15 °C~40 °C
- Altitude: up to 1000 meters
- Rated Power: 0.18kW-315kW
- Frame Size: H63-H355
- Frame Material: Cast Iron
- Rated Voltage: 220V-1140V
- Rated Frequency: 50Hz/60Hz
- Ingress Protection: IP54/IP55/IP56/IP65
- Insulation Class: F/H
- Work Duty: S1-S6



电机介绍

Introduction to Motors

YBX4-CT4系列粉尘防爆型三相异步电动机是按照国家标准GB12476.1-2013《可燃性粉尘环境用电气设备第1部分:通用要求》及GB12476.5-2013《可燃性粉尘环境用电气设备第5部分:外壳保护型“tD”》的规定,制成粉尘防爆型。防爆标志为 Ex tD A21 IP65 T130°C、Ex tD A22 IP65T130°C。分别适用于工厂中具有温度级别为T1、T2、T3、T4组,粉尘层或粉尘云与空气混合能达到爆炸浓度的21区或22区场所,户内及户外具有轻微腐蚀环境、湿热带地区户内及户外具有轻微腐蚀环境、以及户外具有中等微腐蚀环境中,作为机械驱动设备。

YBX4-CT4系列粉尘防爆型三相异步电动机符合JB/T10352-2015。

YBX4-CT4 series dustproof and flameproof three phase asynchronous motor is in accordance with standard GB12476.1-2013 and GB12476.5-2013.It could be marked as Ex tD A21 IP65 T130 °C or Ex tD A22 IP65 T130 °C which is applicable to area 21 or area 22 The temperature level is T1, T2, T3 and T4. YBX4 series motor is used as mechanical equipment in different working environment, slightly and moderately corrosive, hot and damp area, indoor and outdoor.

YBX4-CT4 series dustproof and flameproof three phase

YBX4-CT4系列电机技术参数

Technical Data-YBX4-CT4 Motor-2 Poles-50Hz

电机型号 Type	额定功率 Rated Output		满载时 Full Load								额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪声 Noise	重量 Weight
			转速 Speed	电流 Input Current (A)			效率 Efficiency η%			功率因素 Power Factor						
	kW	HP		r/min	380V	400V	416V	50% Load	75% Load		100% Load	CosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In
YBX4-63M1-2	0.18	0.25	2780	0.48	0.46	0.44	69.4	70.8	70.8	0.80	0.62	2.2	2.3	5.0	61	9
YBX4-63M2-2	0.25	0.37	2780	0.63	0.60	0.58	72.8	74.3	74.3	0.81	0.86	2.2	2.3	5.0	61	10
YBX4-71M1-2	0.37	0.5	2800	0.89	0.84	0.81	76.5	78.1	78.1	0.81	1.26	2.2	2.3	5.5	64	12
YBX4-71M2-2	0.55	0.75	2800	1.24	1.17	1.13	79.9	81.5	81.5	0.83	1.88	2.2	2.3	5.5	64	13
YBX4-80M1-2	0.75	1	2825	1.64	1.56	1.51	81.8	83.5	83.5	0.83	2.54	2.2	2.3	8.5	62	15
YBX4-80M2-2	1.1	1.5	2825	2.39	2.27	2.19	83.5	85.2	85.2	0.83	3.72	2.2	2.3	8.5	62	16.5
YBX4-90S-2	1.5	2	2840	3.14	2.98	2.87	84.8	86.5	86.5	0.85	5.04	2.2	2.3	9.0	67	20
YBX4-90L-2	2.2	3	2840	4.47	4.25	4.09	86.2	88.0	88.0	0.86	7.40	2.2	2.3	9.0	67	24
YBX4-100L-2	3	4	2870	5.88	5.59	5.38	87.3	89.1	89.1	0.87	9.98	2.2	2.3	9.5	74	31
YBX4-112M-2	4	5.5	2880	7.67	7.29	7.03	88.2	90.0	90.0	0.88	13.30	2.2	2.3	9.5	77	38
YBX4-132S1-2	5.5	7.5	2900	10.4	9.9	9.6	89.1	90.9	90.9	0.88	18.10	2.0	2.3	9.5	79	58
YBX4-132S2-2	7.5	10	2900	14.1	13.4	12.9	89.9	91.7	91.7	0.89	24.70	2.0	2.3	9.5	79	62
YBX4-160M1-2	11	15	2930	20.3	19.3	18.6	90.7	92.6	92.6	0.89	35.90	2.0	2.3	9.5	81	103
YBX4-160M2-2	15	20	2930	27.4	26.1	25.1	91.4	93.3	93.3	0.89	48.90	2.0	2.3	9.5	81	112
YBX4-160L-2	18.5	25	2930	33.7	32.0	30.9	91.8	93.7	93.7	0.89	60.30	2.0	2.3	9.5	81	135
YBX4-180M-2	22	30	2940	40.0	38.0	36.6	92.1	94.0	94.0	0.89	71.50	2.0	2.3	9.5	83	165
YBX4-200L1-2	30	40	2950	54.2	51.5	49.6	92.6	94.5	94.5	0.89	97.10	2.0	2.3	9.0	84	215
YBX4-200L2-2	37	50	2950	66.6	63.3	61.0	92.9	94.8	94.8	0.89	119.8	2.0	2.3	9.0	84	232
YBX4-225M-2	45	60	2960	80.9	76.8	74.0	93.1	95.0	95.0	0.89	145.2	2.0	2.3	9.0	86	285



电机型号 Type	额定功率 Rated Output		满载时 Full Load								额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪声 Noise	重量 Weight
			转速 Speed	电流 Input Current (A)			效率 Efficiency η%			功率因素 Power Factor						
	kW	HP		r/min	380V	400V	416V	50% Load	75% Load		100% Load	CosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In
YBX4-250M-2	55	75	2965	98.5	93.6	90.2	93.4	95.3	95.3	0.89	177.2	2.0	2.3	9.0	89	375
YBX4-280S-2	75	100	2970	133.9	127.2	122.6	93.7	95.6	95.6	0.89	241.2	1.8	2.3	8.5	91	500
YBX4-280M-2	90	120	2970	160.4	152.4	146.9	93.9	95.8	95.8	0.89	289.4	1.8	2.3	8.5	91	550
YBX4-315S-2	110	150	2975	195.6	185.8	179.1	94.1	96.0	96.0	0.89	353.1	1.8	2.2	8.5	92	860
YBX4-315M-2	132	180	2975	234.2	222.5	214.5	94.3	96.2	96.2	0.89	423.7	1.8	2.2	8.5	92	960
YBX4-315L1-2	160	220	2975	283.6	269.5	259.7	94.4	96.3	96.3	0.89	513.6	1.8	2.2	8.5	92	1020
YBX4-315L2-2	200	270	2975	353.8	336.1	324.0	94.6	96.5	96.5	0.89	642.0	1.8	2.2	8.5	92	1080
YBX4-355M-2	250	340	2980	432.6	410.9	396.1	94.6	96.5	96.5	0.91	801.2	1.6	2.2	8.5	97	1700
YBX4-355L-2	315	430	2980	545.0	517.8	499.1	94.6	96.5	96.5	0.91	1009.5	1.6	2.2	8.5	97	1850

YBX4-CT4系列电机技术参数

Technical Data-YBX4-CT4 Motor-4 Poles-50Hz

电机型号 Type	额定功率 Rated Output		满载时 Full Load								额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪声 Noise	重量 Weight
			转速 Speed	电流 Input Current (A)			效率 Efficiency η%			功率因素 Power Factor						
	kW	HP		r/min	380V	400V	416V	50% Load	75% Load		100% Load	CosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In
YBX4-63M1-4	0.12	0.18	1350	0.36	34	0.33	684	69.8	69.8	0.72	0.85	2.0	2.2	4.0	52	8
YBX4-63M2-4	0.18	0.25	1350	0.50	0.48	0.46	73.2	74.7	74.7	0.73	1.27	2.0	2.2	4.0	52	9
YBX4-71M1-4	0.25	0.37	1380	0.66	0.63	0.60	76.3	77.9	77.9	0.74	1.73	2.0	2.2	4.0	55	10
YBX4-71M2-4	0.37	0.50	1380	0.92	0.88	0.85	79.5	81.1	81.1	0.75	2.56	2.0	2.2	4.0	55	12
YBX4-80M1-4	0.55	0.75	1390	1.33	1.26	1.22	82.2	83.9	83.9	0.75	3.78	2.4	2.3	5.2	56	14.5
YBX4-80M2-4	0.75	1	1390	1.75	1.66	1.60	84.0	85.7	85.7	0.74	5.15	2.3	2.3	8.5	56	15
YBX4-90S-4	1.1	1.5	1400	2.49	2.36	2.28	85.5	87.2	87.2	0.75	7.50	2.3	2.3	8.5	59	19
YBX4-90L-4	1.5	2	1400	3.27	3.11	3.00	86.4	88.2	88.2	0.76	10.20	2.3	2.3	9.0	59	23
YBX4-100L1-4	2.2	3	1420	4.61	4.38	4.22	87.7	89.5	89.5	0.79	14.80	2.3	2.3	9.0	64	30
YBX4-100L2-4	3	4	1420	6.15	5.84	5.63	88.6	90.4	90.4	0.80	20.20	2.3	2.3	9.5	64	33
YBX4-112M-4	4	5.5	440	8.14	7.73	7.45	89.3	91.1	91.1	0.80	26.50	2.3	2.3	9.5	65	43
YBX4-132S-4	5.5	7.5	1440	11.0	10.4	10.0	90.	91.9	91.9	0.80	36.50	2.0	2.3	9.5	71	60
YBX4-132M-4	7.5	10	1440	14.7	13.9	13.4	90.7	92.6	92.6	0.81	49.70	2.0	2.3	9.5	71	69
YBX4-160M-4	11	15	1460	21.3	20.3	19.5	91.4	93.3	93.3	0.83	72.00	2.0	2.3	9.5	73	107
YBX4-160L-4	15	20	1460	28.6	27.1	26.1	92.0	93.9	93.9	0.84	98.10	2.0	2.3	9.5	73	13
YBX4-180M-4	18.5	25	1465	34.7	33.0	31.8	92.3	94.2	94.2	0.85	120.6	2.0	2.3	9.5	73	162

电机型号 Type	额定功率 Rated Output		满载时 Full Load								额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪声 Noise	重量 Weight
			转速 Speed	电流 Input Current (A)			效率 Efficiency η%			功率因素 Power Factor						
	kW	HP		r/min	380V	400V	416V	50% Load	75% Load		100% Load	CosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In
YBX4-180L-4	22	30	1465	41.1	39.1	37.7	92.6	94.5	94.5	0.85	143.4	2.0	2.3	9.5	73	175
YBX4-200L-4	30	40	1470	55.9	53.1	51.1	93.0	94.9	94.9	0.85	194.9	2.0	2.3	9.0	76	227
YBX4-225S-4	37	50	1475	67.9	64.5	62.2	93.3	95.2	95.2	0.85	239.6	2.0	2.3	9.0	78	282
YBX4-225M-4	45	60	1475	82.4	78.3	75.4	93.5	95.4	95.4	0.85	291.4	2.0	2.3	9.0	78	315
YBX4-250M-4	55	75	1475	100.4	95.4	91.9	93.8	95.7	95.7	0.86	356.1	2.0	2.3	9.0	79	390
YBX4-280S-4	75	100	1480	136.4	129.6	124.9	94.1	96.0	96.0	0.87	484.0	2.0	2.3	8.5	80	525
YBX4-280M-4	90	120	1480	163.6	155.4	149.8	94.2	96.1	96.1	0.88	580.7	2.0	2.3	8.5	80	590
YBX4-315S-4	110	150	1480	197.2	187.4	180.6	94.4	96.3	96.3	0.89	709.8	1.8	2.2	8.5	88	900
YBX4-315M-4	132	180	1480	236.4	224.6	216.5	94.5	96.4	96.4	0.89	851.8	1.8	2.2	8.5	88	1000
YBX4-315L1-4	160	220	1480	279.6	265.6	256.0	94.7	96.6	96.6	0.90	1032.4	1.8	2.2	8.5	88	1070
YBX4-315L2-4	200	270	1480	349.2	331.7	319.7	94.8	96.7	96.7	0.90	1290.5	1.8	2.2	8.5	88	1140
YBX4-355M-4	250	340	1490	436.5	414.6	399.6	94.8	96.7	96.7	0.90	1602.3	1.8	2.2	8.5	92	1760
YBX4-355L-4	315	430	1490	549.9	522.4	503.6	94.80	96.7	96.7	0.90	2019.0	1.8	2.2	8.5	92	1920

YBX4-CT4系列电机技术参数

Technical Data-YBX4-CT4 Motor-6 Poles-50Hz

电机型号 Type	额定功率 Rated Output		满载时 Full Load								额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪声 Noise	重量 Weight
			转速 Speed	电流 Input Current (A)			效率 Efficiency η%			功率因素 Power Factor						
	kW	HP		r/min	380V	400V	416V	50% Load	75% Load		100% Load	CosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In
YBX4-71M1-6	0.18	0.25	860	0.59	0.56	0.54	68.7	70.1	70.1	0.66	2.00	1.9	2.1	4.0	52	11
YBX4-71M2-6	0.25	0.37	860	0.75	0.72	0.69	72.6	74.1	74.1	0.68	2.78	1.9	2.1	4.0	52	13
YBX4-80M1-6	0.37	0.50	900	1.03	0.98	0.94	76.4	78.0	78.0	0.70	3.93	1.9	2.0	4.7	54	15.5
YBX4-80M2-6	0.55	0.75	900	1.43	1.36	1.31	79.3	80.9	80.9	0.72	5.84	1.9	2.1	4.7	54	16.5
YBX4-90S-6	0.75	1	910	1.97	1.87	1.80	81.0	82.7	82.7	0.70	7.87	2.1	2.1	7.5	57	20
YBX4-90L-6	1.1	1.5	910	2.83	2.68	2.59	82.8	84.5	84.5	0.70	11.54	2.1	2.1	7.5	57	24
YBX4-100L-6	1.5	2	930	3.74	3.55	3.42	84.2	85.9	85.9	0.71	15.40	2.1	2.1	7.5	61	29
YBX4-112M-6	2.2	3	940	5.39	5.12	4.93	85.7	87.4	87.4	0.71	22.35	2.1	2.1	7.5	65	37
YBX4-132S-6	3	4	960	7.25	6.88	6.63	86.8	88.6	88.6	0.71	29.85	2.0	2.1	7.5	69	53
YBX4-132M1-6	4	5.5	960	9.43	8.96	8.64	87.7	89.5	89.5	0.72	39.80	2.0	2.1	8.0	65	64
YBX4-132M2-6	5.5	7.5	960	12.8	12.2	11.7	88.7	90.5	90.5	0.72	54.70	2.0	2.1	8.0	69	72
YBX4-160M-6	7.5	10	970	16.4	15.6	15.0	89.5	91.3	91.3	0.76	73.85	2.0	2.1	8.0	73	97



电机型号 Type	额定功率 Rated Output		满载时 Full Load								额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪声 Noise	重量 Weight
			转速 Speed	电流 Input Current (A)			效率 Efficiency η%			功率因素 Power Factor						
	kW	HP		r/min	380V	400V	416V	50% Load	75% Load		100% Load	CosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In
YBX4-160L-6	11	15	970	23,5	22,3	21,5	90,5	92,3	92,3	0,77	108,3	2,0	2,1	8,5	73	126
YBX4-180L-6	15	20	970	30,7	29,1	28,1	91,0	92,9	92,9	0,80	147,7	2,0	2,1	8,5	73	166
YBX4-200L1-6	18,5	25	975	37,6	35,7	34,4	91,5	93,4	93,4	0,80	181,2	2,0	2,1	8,5	73	205
YBX4-200L2-6	22	30	975	44,0	41,8	40,3	91,8	93,7	93,7	0,81	215,5	2,0	2,1	8,5	73	220
YBX4-225M-6	30	40	980	59,0	56,1	54,0	92,3	94,2	94,2	0,82	292,3	2,0	2,1	8,5	74	290
YBX4-250M-6	37	50	980	71,7	68,1	65,6	92,6	94,5	94,5	0,83	360,5	2,0	2,1	8,5	76	370
YBX4-280S-6	45	60	980	86,9	82,6	79,6	92,9	94,8	94,8	0,83	438,5	2,0	2,0	8,5	78	490
YBX4-280M-6	55	75	980	104,6	99,4	95,8	93,2	95,1	95,1	0,84	535,9	2,0	2,0	8,5	78	540
YBX4-315S-6	75	100	985	142,2	135,1	130,2	93,5	95,4	95,4	0,84	727,1	1,6	2,0	8,0	83	850
YBX4-315M-6	90	120	985	168,3	159,9	154,1	93,7	95,6	95,6	0,85	872,5	1,6	2,0	8,0	83	960
YBX4-315L1-6	110	150	985	205,2	195,0	187,9	93,9	95,8	95,8	0,85	1066,4	1,6	2,0	8,0	83	1060
YBX4-315L2-6	132	180	985	242,9	230,8	222,4	94,1	96,0	96,0	0,86	1279,7	1,6	2,0	8,0	83	1120
YBX4-355M1-6	160	220	990	293,8	279,2	269,1	94,3	96,2	96,2	0,86	1543,3	1,6	2,0	8,0	85	1680
YBX4-355M2-6	200	270	990	366,9	348,6	336,0	94,4	96,3	96,3	0,86	1929,1	1,6	2,0	8,0	91	1780
YBX4-355L-6	250	340	990	457,7	434,8	419,1	94,6	96,5	96,5	0,86	2411,4	1,6	2,0	8,0	91	1950

YBX4-CT4系列电机技术参数

Technical Data-YBX4-CT4 Motor-8 Poles-50Hz

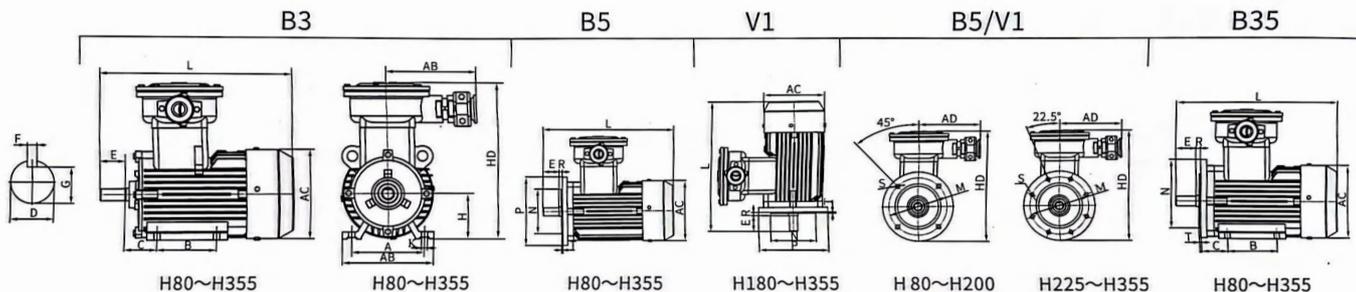
电机型号 Type	额定功率 Rated Output		满载时 Full Load								额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪声 Noise	重量 Weight
			转速 Speed	电流 Input Current (A)			效率 Efficiency η%			功率因素 Power Factor						
	kW	HP		r/min	380V	400V	416V	50% Load	75% Load		100% Load	CosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In
YBX4-80M1-8	0,18	0,25	650	0,67	0,63	0,61	65,9	67,2	67,2	0,61	2,64	1,8	1,9	3,3	52	15,5
YBX4-80M2-8	0,25	0,37	650	0,88	0,84	0,81	69,4	70,8	70,8	0,61	3,67	1,8	1,9	3,3	52	16,5
YBX4-90S-8	0,37	0,50	660	1,24	1,18	1,14	72,8	74,3	74,3	0,61	5,35	1,8	1,9	4,0	56	20
YBX4-90L-8	0,55	0,75	660	1,78	1,69	1,63	75,5	77,0	77,0	0,61	7,96	1,8	2,0	4,0	56	24
YBX4-100L1-8	0,75	1,00	690	2,20	2,09	2,02	76,8	78,4	78,4	0,66	10,40	1,8	2,0	7,0	59	30
YBX4-100L2-8	1,1	1,5	690	3,09	2,93	2,83	79,2	80,8	80,8	0,67	15,20	2,0	2,0	7,0	59	32
YBX4-112M-8	1,5	2,0	700	4,00	3,80	3,66	80,9	82,6	82,6	0,69	20,50	2,0	2,0	7,0	61	40
YBX4-132S-8	2,2	3,0	710	5,65	5,37	5,17	82,8	84,5	84,5	0,70	29,60	1,8	2,0	7,5	64	52
YBX4-132M-8	3,0	4,0	710	7,58	7,20	6,94	84,2	85,9	85,9	0,70	40,40	1,8	2,0	7,8	64	63
YBX4-160M1-8	4,0	5,5	720	9,8	9,34	9,00	85,4	87,1	87,1	0,71	53,10	1,8	2,0	7,9	68	90

电机型号 Type	额定功率 Rated Output		满载时 Full Load								额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪声 Noise	重量 Weight
			转速 Speed	电流 Input Current (A)			效率 Efficiency η%			功率因素 Power Factor						
	kW	HP		r/min	380V	400V	416V	50% Load	75% Load		100% Load	CosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In
YBX4-160M2-8	5.5	7.5	720	13.1	12.5	12.0	86.5	88.3	88.3	0.72	73.00	1.8	2.0	8.1	68	100
YBX4-160L-8	7.5	10.0	720	17.2	16.4	15.8	87.5	89.3	89.3	0.74	99.50	1.8	2.0	7.8	68	124
YBX4-180L-8	11	15	730	25.0	23.7	22.9	88.6	90.4	90.4	0.74	143.9	1.8	2.0	7.9	70	160
YBX4-200L-8	15	20	730	33.3	31.7	30.5	89.4	91.2	91.2	0.75	196.2	1.8	2.0	8.0	73	212
YBX4-225S-8	18.5	25	730	40.9	38.8	37.4	89.9	91.7	91.7	0.75	242.0	1.8	2.0	8.1	73	253
YBX4-225M-8	22	30	730	47.8	45.4	43.7	90.3	92.1	92.1	0.76	287.8	1.8	2.0	8.3	73	285
YBX4-250M-8	30	40	735	63.9	60.7	58.5	90.8	92.7	92.7	0.77	389.8	1.8	2.0	7.9	75	370
YBX4-280S-8	37	50	735	77.4	73.5	70.9	91.2	93.1	93.1	0.78	480.7	1.8	2.0	7.9	76	481
YBX4-280M-8	45	60	735	93.9	89.2	85.9	91.5	93.4	93.4	0.78	584.7	1.8	2.0	7.9	76	540
YBX4-315S-8	55	75	735	111.5	105.9	102.1	91.8	93.7	93.7	0.80	714.6	1.6	2.0	8.2	82	820
YBX4-315M-8	75	100	735	151.2	143.7	138.5	92.3	94.2	94.2	0.80	974.5	1.6	2.0	7.6	82	970
YBX4-315L1-8	90	120	740	178.8	169.9	163.8	92.5	94.4	94.4	0.81	1161.5	1.6	2.0	7.7	82	105[
YBX4-315L2-8	110	150	740	217.9	207.0	199.5	92.8	94.7	94.7	0.81	1419.6	1.6	2.0	7.7	82	1130
YBX4-355M1-8	132	180	740	260.9	247.9	238.9	93.0	94.9	94.9	0.81	1703.5	1.6	2.0	7.7	89	1720
YBX4-355M2-8	160	220	740	311.7	296.2	285.4	93.2	95.1	95.1	0.82	2064.9	1.6	2.0	7.7	89	1800
YBX4-355L-8	200	270	740	388.5	369.0	355.7	93.5	95.4	95.4	0.82	2581.1	1.6	2.0	7.8	89	1950

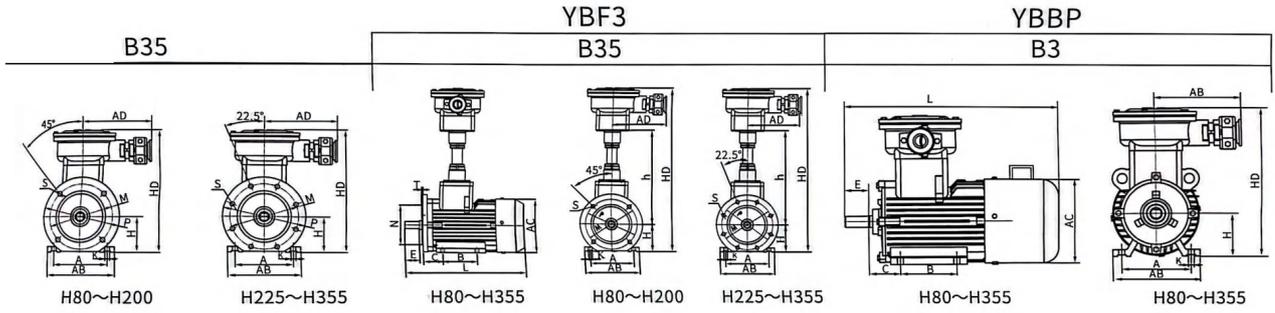
YBX4-CT4系列电机技术参数

Technical Data-YBX4-CT4 Motor-10 Poles-50Hz

电机型号 Type	额定功率 Rated Output		满载时 Full Load								额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪声 Noise	重量 Weight
			转速 Speed	电流 Input Current (A)			效率 Efficiency η%			功率因素 Power Factor						
	kW	HP		r/min	380V	400V	416V	50% Load	75% Load		100% Load	CosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In
YBX4-315S-10	45	60	590	99.6	94.7	91.2	89.7	91.5	91.5	0.75	728.4	1.5	2.0	6.2	82	830
YBX4-315M-10	55	75	590	121.1	115.1	110.9	90.0	92.0	92.0	0.75	890.3	1.5	2.0	6.2	82	940
YBX4-315L1-10	75	100	590	162.1	154.0	148.4	90.2	92.5	92.5	0.76	1214.0	1.5	2.0	6.2	82	1070
YBX4-315L2-10	90	120	590	191.0	181.4	174.9	91.3	93.0	93.0	0.77	1456.8	1.5	2.0	6.2	82	1150
YBX4-355M1-10	110	150	590	229.9	218.4	210.5	91.7	93.2	93.2	0.78	1780.5	1.3	2.0	6.0	90	1660
YBX4-355M2-10	132	180	590	275.0	261.3	251.8	91.5	93.5	93.5	0.78	2136.6	1.3	2.0	6.0	90	1780
YBX4-355L-10	160	220	590	333.3	316.7	305.2	91.5	93.5	93.5	0.78	2589.8	1.3	2.0	6.0	90	1950



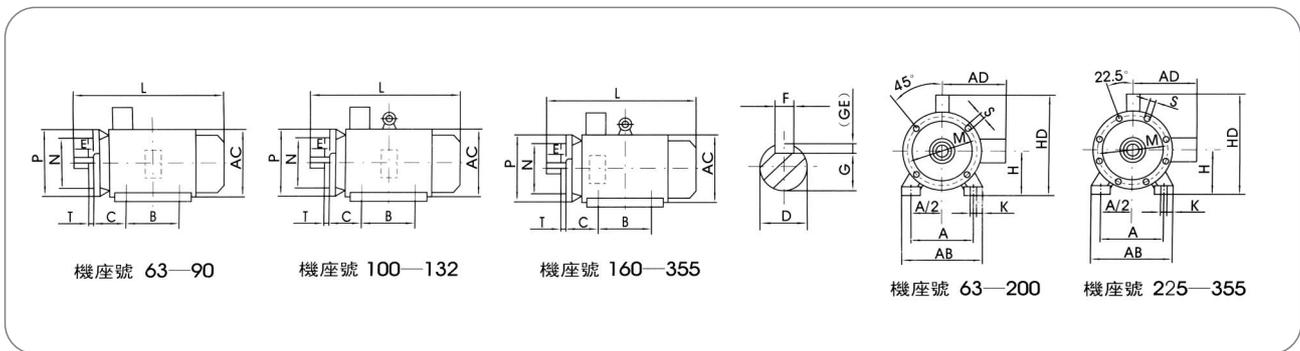
型号 Model	极数 Poles	安装尺寸 Mounting Dimensions													
		A	B	C	D	E	F	G	H	K	M	N	P	R	S
63	2,4,6,8	100	80	40	11	23	4	8,5	63	7	115	95	140	0	10
71	2,4,6,8	112	90	45	14	30	5	11	71	7	130	110	160	0	10
80M	2,4,6,8	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12
90S	2,4,6,8	140	100	56	24	50	8	20	90	10	165	130	200	0	12
90L	2,4,6,8	140	125	56	24	50	8	20	90	10	165	130	200	0	12
100L	2,4,6,8	160	140	63	28	60	8	24	100	12	215	180	250	0	14.5
112M	2,4,6,8	190	140	70	28	60	8	24	112	12	215	180	250	0	14.5
132S	2,4,6,8	216	140	89	38	80	10	33	132	12	265	230	300	0	14.5
132M	2,4,6,8	216	178	89	38	80	10	33	132	12	265	230	300	0	14.5
160M	2,4,6,8	254	210	108	42	110	12	37	160	14.5	300	250	350	0	18.5
160L	2,4,6,8	254	254	108	42	110	12	37	160	14.5	300	250	350	0	18.5
180M	2,4,6,8	279	241	121	48	110	14	42.5	180	14.5	300	250	350	0	18.5
180L	2,4,6,8	279	279	121	48	110	14	42.5	180	14.5	300	250	350	0	18.5
200L	2,4,6,8	318	305	133	55	110	16	49	200	18.5	350	300	400	0	18.5
225S	4,8	356	286	149	60	140	18	53	225	18.5	400	350	450	0	18.5
225M	2	356	311	149	55	110	16	49	225	18.5	400	350	450	0	18.5
	4,6,8	356	311	149	60	140	18	53	225	18.5	400	350	450	0	18.5
250M	2	406	349	168	60	140	18	53	250	24	500	450	550	0	18.5
	4,6,8	406	349	168	65	140	18	58	250	24	500	450	550	0	18.5
280S	2	457	368	190	65	140	18	58	280	24	500	450	550	0	18.5
	4,6,8	457	368	190	75	140	20	67.5	280	24	500	450	550	0	18.5
280M	2	457	419	190	65	140	18	58	280	24	500	450	550	0	18.5
	4,6,8	457	419	190	75	140	20	67.5	280	24	500	450	550	0	18.5
315S	2	508	406	216	65	140	18	58	315	28	600	550	660	0	24
	4,6,8	508	406	216	80	170	22	71	315	28	600	550	660	0	24
315M	2	508	457	216	65	140	18	58	315	28	600	550	660	0	24
	4,6,8	508	457	216	80	170	22	71	315	28	600	550	660	0	24
315L	2	508	508	216	65	140	18	58	315	28	600	550	660	0	24
	4,6,8	508	508	216	80	170	22	71	315	28	600	550	660	0	24
355S	2	610	500	254	75	140	20	67.5	355	28	740	680	800	0	24
	4,6,8	610	500	254	95	170	25	86	355	28	740	680	800	0	24
355M	2	610	560	254	75	140	20	67.5	355	28	740	680	800	0	24
	4,6,8	610	560	254	95	170	25	86	355	28	740	680	800	0	24
355L	2	610	630	254	75	140	20	67.5	355	28	740	680	800	0	24
	4,6,8	610	630	254	95	170	25	86	355	28	740	680	800	0	24



					外形尺寸 Overall Dimensions								进线口螺纹 Cable gland		
					通用	YBF3		L				YBBP		YBEJ3	YBD3
						YBX4/YBX3	YFB2/YBF3	YB3/B5/V1/B35	YB3/B5/V1/B35	YB3/B5/V1/B35	YB3/B5/V1/B35				
T	法兰孔数 Fange holes	AB	AC	AD	HD	HD	h	B3/B5/V1/B35							
3.5	4	125	124	165	230	-	-	241	-	-	284	-	M30×2		
3.5	4	140	143	165	250	-	-	272	241	-	312	241	M30×2		
3.5	4	165	165	180	320	540	460	320	330	455	365	330	M30×2		
3.5	4	180	180	180	350	650	570	370	360	480	412	360	M30×2		
3.5	4	180	180	180	350	650	570	395	385	505	437	385	M30×2		
4	4	200	205	180	400	660	580	475	440	570	479	440	M30×2		
4	4	245	230	200	420	660	555	500	460	585	507	460	M30×2		
4	4	280	270	200	450	740	640	570	510	660	550	510	M30×2		
4	4	280	270	200	450	740	640	615	550	700	580	550	M30×2		
5	4	330	325	220	520	940	830	755	670	820	708	670	M36×2		
5	4	330	325	220	520	940	830	795	710	860	748	710	M36×2		
5	4	355	360	220	550	970	860	805	730	900	770	730	M36×2		
5	4	355	360	220	550	970	860	805	750	920	790	750	M36×2		
5	4	390	400	250	645	900	800	865	805	965	849	805	M48×2		
5	8	435	450	250	690	1085	970	915	865	995	888	865	M48×2		
5	8	435	450	250	690	1085	970	925	860	990	883	860	M48×2		
5	8	435	450	250	690	1085	970	955	890	1020	913	890	M48×2		
5	8	490	500	300	730	1125	1010	995	945	1085	-	945	M48×2		
5	8	490	500	300	730	1125	1010	995	945	1085	-	945	M48×2		
5	8	545	565	300	810	1230	1070	1050	1010	1245	-	1010	M48×2		
5	8	545	565	300	810	1230	1070	1050	1010	1245	-	1010	M48×2		
5	8	545	565	300	810	1230	1070	1125	1060	1295	-	1060	M48×2		
5	8	545	565	300	810	1230	1070	1125	1060	1295	-	1060	M48×2		
6	8	640	630	400	1020	1170	950	1140	1140	1320	-	1140	M48×2		
6	8	640	630	400	1020	1170	950	1170	1170	1380	-	1170	M48×2		
6	8	640	630	400	1020	1170	950	1260	1260	1440	-	1260	M48×2		
6	8	640	630	400	1020	1170	950	1290	1290	1470	-	1290	M48×2		
6	8	640	630	400	1020	1170	950	1260	1260	1440	-	1260	M48×2		
6	8	640	630	400	1020	1170	950	1290	1290	1470	-	1290	M48×2		
6	8	740	750	500	1080	1820	1600	-	1450	1670	-	1450	M48×2		
6	8	740	750	500	1080	1820	1600	1480	1480	1700	-	1480	M48×2		
6	8	740	750	500	1080	1820	1600	1570	1570	1790	-	1570	M48×2		
6	8	740	750	500	1080	1820	1600	1600	1600	1820	-	1600	M48×2		
6	8	740	750	500	1080	1820	1600	1640	1640	1860	-	1640	M48×2		
6	8	740	750	500	1080	1820	1600	1670	1670	1890	-	1670	M48×2		

附录 II - YX3、YE3、YD2、YEJ2、YVF2系列电动机外形及安装尺寸

Appendix II-YX3、YE3、YD2、YEJ2、YVF2 series motor shapes and installation dimensions



機座帶底脚，端蓋上有凸緣(帶通孔)的電動機

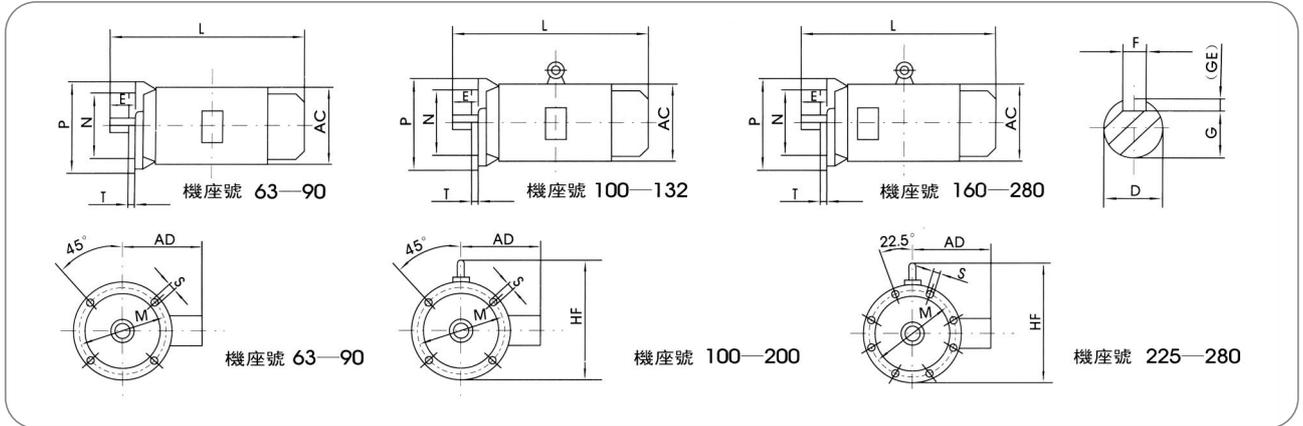
Frame with foot end, shield with flange(with through hole)

单位: mm

机座号 Frame size	凸缘号 Flange size	极数 Poles	安 装 尺 寸 Fixing Measurement																外 形 尺 寸 Figure size									
			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				
																								YE2-YX3 YE3-YD2	YVF2	YEJ2		
63M	FF115	2、4	100	50	80	40	11	23	4	8.5	63	7	115	95	140	10	3		135	130	70	180	230	/	/			
71M	FF130	2、4、6	112	56	90	45	14	30	5	11	71		130	110	160		150		145	80	195	255	/	/				
80M	FF165		125	62.5	100	50	19	40	6	15.5	80	10	165	130	200	12	3.5		165	175	145	220	295	370	390			
90S				140	70	100	56	24	50		20		90	180	195				155	250	320	380	420					
90L	FF215		125									8				12			345	410	445							
100L				160	80	140	63	28	60		100		205	215	180				270	385	465	480						
112M	FF265	2、4、6、8	190	95	140	70				24	112	12				15	4	4	230	240	190	300	400	480	510			
132S				216	108	140	89	38	80	10	33		132	265	230				300	270	275	210	345	470	530	585		
132M	FF300		178									15							320	330	255	420	510	570	625			
160M				254	127	210	108	42			12		37	300	250				350	320	330	255	420	615	660	720		
160L	FF300		254									15							320	330	255	420	670	715	765			
180M				279	139.5	241	121	48			14		42.5	180	350				300	400	355	380	280	455	700	775	825	
180L	FF350		279									15							355	380	280	455	740	815	875			
200L				318	159	305	133	55			16		49	200	350				300	400	395	420	305	505	770	850	900	
225S	FF400	4、8			286		60	140	18	53	19													815	885	1000		
225M			2	356	178	311	149	55	110	16		49	225	400				350	450	435	470	335	560	820	915	1000		
250M	FF500	4、6、8					60			53	24				0	19	5							845		1030		
280S			2	406	203	349	168			18		250	500	450				550	490	510	370	615	910	980				
280M	FF500	4、6、8					65			58	280													1035	1135			
315S			2					65		18		58	500	450				550	550	580	410	680	985	1085				
315M	FF600	4、6、8、10					75			67.5	315													1035	1135			
315L			2	457	228.5	368	190	65		18		58	500	450				550	550	580	410	680	985	1085				
355M	FF740	4、6、8、10					75			67.5	28													1178	1285			
355L			2	508	254	457	216	65		140		20	67.5	600				550	660	635	645	490	800	1290	1395			
355M	FF740	4、6、8、10					75			67.5	355													1290	1395			
355L			2	508	254	457	216	65		140		20	67.5	600				550	660	635	645	490	800	1290	1395			
355M	FF740	4、6、8、10					75			67.5	355													1500				
355L			2	610	305	560	254	75		140		20	67.5	740				680	800	730	710	530	880	1530				
355L	FF740	4、6、8、10					75			67.5	355													1500				
355L			2	610	305	630	254	75		140		20	67.5	740				680	800	730	710	530	880	1530				

附录 III - YX3、YE3、YD2、YEJ2、YVF2系列电动机外形及安装尺寸

Appendix III-YX3, YE3, YD2, YEJ2, YVF2 series motor shapes and installation dimensions

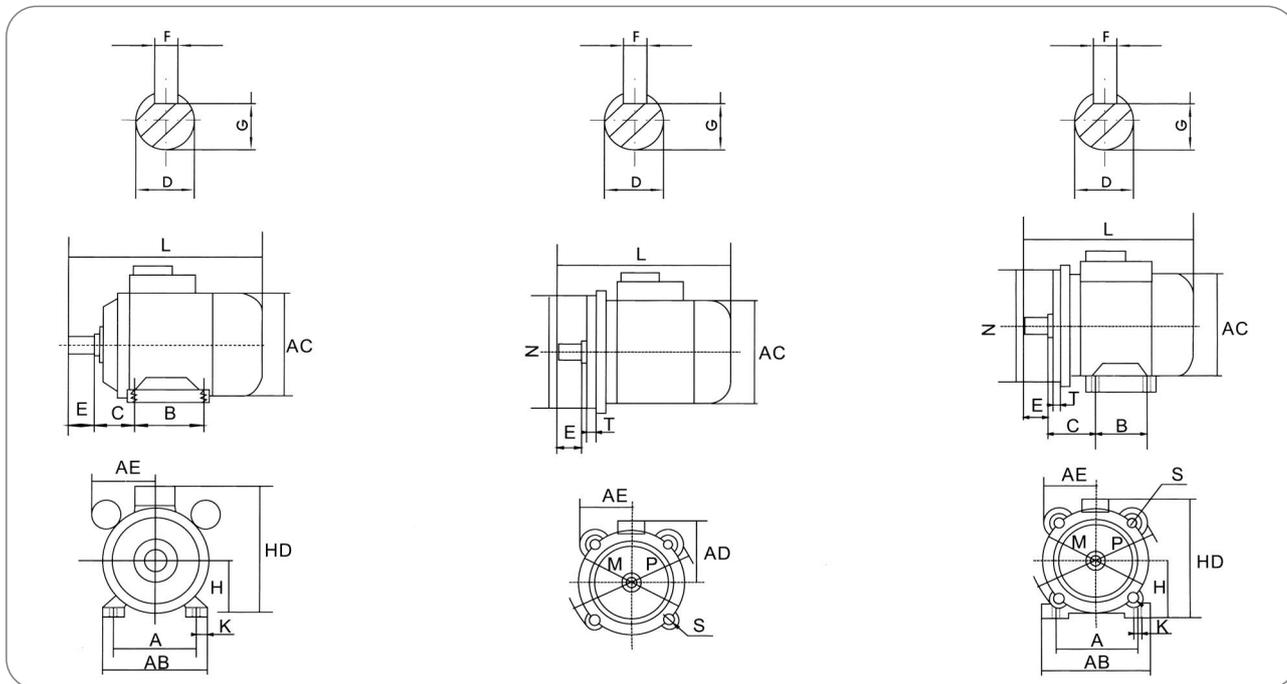


单位: mm

机座号 Frame size	凸缘号 Flange size	极数 Poles	安 装 尺 寸 Fixing Measurement											外 形 尺 寸 Figure size					
			D	E	F	G	M	N	P	R	S	T	凸缘孔数 Flange holes	AC	AD	HD	L		
																	YE2、YX3、YE3、YD2	YVF2	YEJ2
63M	FF115	2、4	11	23	4	8.5	115	95	140					130	70	130	230	/	/
71M	FF130	2、4、6	14	30	5	11	130	110	160		10			145	80	145	255	/	/
80M	FF165	2、4、6、8	19	40	6	15.5	165	130	200	0	12	3.5	4	175	145	185	295	370	390
90S			24	50	20	320								380	420				
90L			8	345	410	445													
100L	FF215	2、4、6、8	28	60		24	215	180	250	15	4	4	215	180	245	385	465	480	
112M			240	190	265	400	480	570											
132S	FF265	2、4、6、8	38	80	10	33	265	230	300	19	5	8	275	210	315	470	530	585	
132M			510	570	625														
160M	FF300	2、4、6、8	42	110	12	37	300	250	350	0	15	4	4	330	255	385	615	660	720
160L			670		715	765													
180M			48	14	42.5	700	775	825											
180L			740	815	875														
200L	FF350	2、4、6、8	55		16	49	350	300	400	19	5	8	420	305	480	770	850	900	
225S	FF400	4、8	60	140	18	53	400	350	450				470	335	535	815	880	1000	
225M		2	55	110	16	49										820	915	1000	
		4、6、8	60			53							845			1030			
250M	FF500	2、4、6、8	2	140	18	58	500	450	550	0	15	4	4	510	370	595	910	980	
280S			2											65	985	1085			
280M			4、6、8	75	20	67.5	1035	1135											
			2	65	18	58													
		4、6、8	75	20	67.5														

附录 VI -YL 系列单相双值电容异步电动机

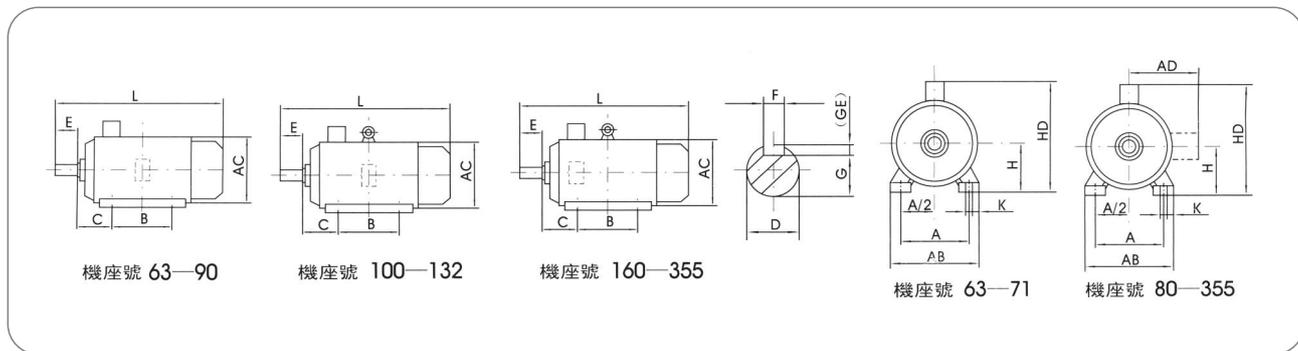
Appendix VI-YL series single-phase dual-value Capacitor Induction Motors



单位: mm

机座号 Frame size	安 装 尺 寸 Fixing Measurement																				外 形 尺 寸 Figure size						
											IMB14.IMB34					IMB5.IMB35											
	A	B	C	D	E	F	G	H	K		M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	AE	HD
71	112	90	45	14	30	5	11	71	7	85	70	1.5	0	M6	2.5	-	-	-	-	-	-	145	145	140	105	180	255
80	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	2.5	-	-	-	-	-	-	160	165	150	120	200	295
90S	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	3	-	-	-	-	-	-	180	185	160	130	240	370
90L	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	3	-	-	-	-	-	-	180	185	160	130	240	400
100L	160	140	63	28	60	8	24	100	12	-	-	-	-	-	-	215	180	250	0	15	4	205	220	180	130	260	430
112M	190	140	70	28	60	8	24	112	12	-	-	-	-	-	-	215	180	250	0	15	4	245	250	190	140	300	455
132S	216	140	89	38	60	10	33	132	12	-	-	-	-	-	-	215	180	250	0	15	4	280	290	210	155	300	525

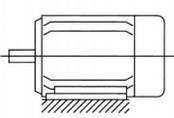
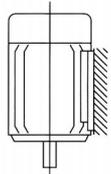
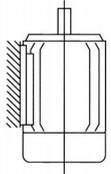
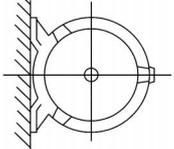
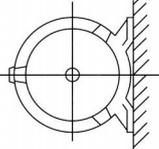
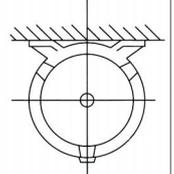
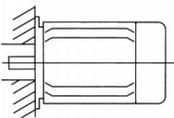
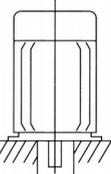
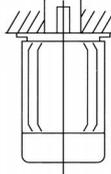
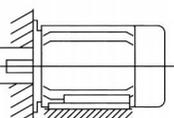
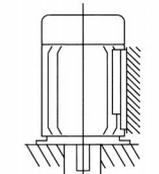
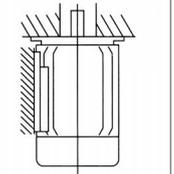
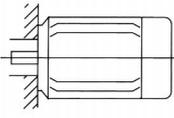
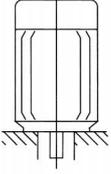
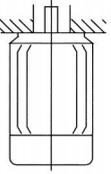
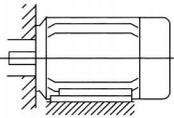
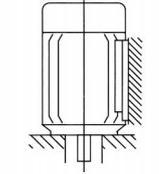
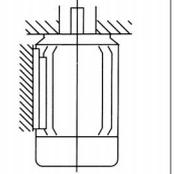
附录 I - YX3、YE3、YD2、YEJ2、YVF2系列电动机外形及安装尺寸



单位: mm

机座号 Frame size	极数 Poles	安 装 尺 寸 Fixing Measurement										外 形 尺 寸 Figure size						
		A	A/2	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L		
															YE2、YX3、YE3、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	90	45	14	30	5	11	71		150	145	80	195	255		
80M		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
90L				125							345						410	445
100L		160	80	140	63	28	60	8	24	100	12	205	215	180	270	385	465	480
112M		190	95	140	70							112	230	240	190	300	400	480
132S	2.4.6.8	216	108	140	89	38	80	10	33	132	12	270	275	210	345	470	530	585
132M																178	510	570
160M		254	127	210	108	42	110	12	37	160	15	320	330	255	420	615	660	720
160L				254												670	715	765
180M		279	139.5	241	121	48	110	14	42.5	180	15	355	380	280	455	700	775	825
180L				279												740	815	875
200L		318	159	305	133	55	110	16	49	200	19	395	420	305	505	770	850	900
225S	4、8	356	178	286	149	60	140	18	53	225	19	435	470	335	560	815	885	1000
225M	2			311		55	110	16	49							820	915	1000
250M	4、6、8	406	203	349	168	60	140	18	53	250	24	490	510	370	615	910	980	/
280S	2					65			58									
280M	4、6、8	457	228.5	368	190	75	140	20	67.5	280	24	550	580	410	680	985	1085	/
280M	2					65		58	280							24	1035	
315S	2	508	254	406	216	65	140	18	58	315	28	635	645	490	800	1178	1380	/
315M	4.6.8.10					80		170	22							71		
315L	2	508	254	457	216	65	140	18	58	315	28	635	645	490	800	1320	1395	/
315L	4.6.8.10					80		170	22							71		
355M	2	610	305	560	254	75	140	20	67.5	355	28	730	710	530	880	1500	/	/
355M	4.6.8.10					95		170	25							86		
355L	2	610	305	630	254	75	140	20	67.5	355	28	730	710	530	880	1500	/	/
355L	4.6.8.10					95		170	25							86		

国家电工委员会 IEC 60034-7 标准规定的电机安装方式
Mounting arrangements according to IEC 60034-7 standard

电机安装方式 Mounting arrangements	机座带底脚，端盖上无凸缘的电动机 Feet mounting without Flange					
	B3(IM1001)	V5(IM1011)	V6(IM1031)	B6(IM1051)	B7(IM1061)	B8(IM1071)
制造范围 Range	H63~H355	H63~H160	H63~H160	H63~H160	H63~H160	H63~H160
示意图 Diagram						
电机安装方式 Mounting arrangements	机座不带底脚，端盖上有大凸缘的电动机 Large flange mounting without feet			机座带底脚，端盖上有大凸缘的电动机 Large flange and mounting		
	B5(IM3001)	V1(IM3011)	V3(IM3031)	B35(IM2001)	V15(IM2011)	V36(IM2031)
制造范围 Range						
示意图 Diagram						
电机安装方式 Mounting arrangements	机座不带底脚，端盖上有小凸缘的电动机 Small flange mounting without feet			机座带底脚，端盖上有小凸缘的电动机 Small flange and feet mounting		
	B14(IM3601)	V18(IM3611)	V19(IM3631)	B34(IM2101)	V58(IM2111)	V69(IM2131)
制造范围 Range						
示意图 Diagram						

电机常见故障及排除方法Frequent malfunctions and solutions

故障	可能的原因	检查或校正方法
1、電動機空載時不能啟動	<ol style="list-style-type: none"> 1、饋電路斷線（三相當中的一根） 2、定子三相繞組中的一相斷路（“Y”形連接時） 3、電源電壓或頻率不對 	<p>檢查電源電壓和個別連接處。 檢查保險絲，饋電綫內電流和每一相繞組的電阻。 檢查電壓及頻率。</p>
2、電動機在負載時不能啟動，在低負載或空載時能啟動，但在負載增加后轉速即大跌或甚至停下來	<ol style="list-style-type: none"> 1、電源電壓低 2、定子繞組有匝間短路 3、定子三相繞組中異相斷綫（“Δ”接綫法時） 4、過載 	<p>檢查綫路電壓。 檢查每相繞組和每相空載電流。 檢查每相繞組電阻。 檢查負載。</p>
3、電機停留在低轉速	<ol style="list-style-type: none"> 1、定子繞組一相接反，電動機發響聲 2、轉子端環和導杆中間有斷裂情況 	<p>檢查饋電綫的電流和引出綫標記。 檢查短路電流。</p>
4、定子過熱	<ol style="list-style-type: none"> 1、饋電綫路三根中有一根斷綫或定子繞組一相斷路 2、電源電壓過大或過低 3、過載 4、定子匝間或相同短路 5、通風不好 	<p>檢查保險絲，綫間電壓和導綫電流。 檢查饋電綫內的電流，檢查定子相間和對地絕緣電阻。 檢查繞組電阻，檢查通風孔道。</p>
5、軸承過熱	<ol style="list-style-type: none"> 1、裝配不對 2、電動機軸與被拖動之軸不平行 3、沒有潤滑油，油內有雜物或油質不良 4、皮帶過緊 5、不平衡的磁性吸力大 	<p>檢查轉子是否容易轉動。 校正兩軸平衡。 用汽車洗刷更換潤滑油。 松皮帶或移動底腳。 檢查空氣隙偏心率。</p>
6、合閘時保險設備跳閘	<ol style="list-style-type: none"> 1、定子繞組一相接反 2、把應當接成“Y”形的定子三相繞組接成子“Δ”形 3、繞組對機座短路或相間短路 	<p>檢查引出綫標記和接法。 檢查引出綫標記和接法。 檢查各相繞組對機座的絕緣以及相同絕緣。</p>
7、機械振動大	<ol style="list-style-type: none"> 1、轉子不平衡只在相當低的轉數時才不振動 2、軸向竄動大 3、傳動皮帶接頭接得不好 4、皮帶輪不平穩 	<p>檢查平衡情況。 檢查軸承外的間隙，並加以調整。 重新接皮帶。 檢查皮帶輪。</p>

注：電動機的故障及產生的故障的原因很多，有時一個故障可能有幾個原因，一個原因也可以產生幾種故障，上表所列僅為常見的幾種，在檢查如發生疑問可參閱有關檢修維護書或與制造廠聯系。

Stoppage	Possible reasons	Check or calibration methods
1. No-load motor can't start	<ol style="list-style-type: none"> 1. Circuit broken wires (one of the three is the root) 2. When the child three-phase winding of the a phase breakers ("Y" type of connection) 3. The power supply voltage and frequency is wrong 	<p>Check the power supply voltage or individual connection. Check the fuse, feeders of current and each phase of the winding resistance. Check voltage and frequency</p>
2. Motor load in cannot begin at low load or no-load to start when, but in load increase speed that are even stop to plunge	<ol style="list-style-type: none"> 1. The low voltage power supply 2. The group turns around the son between short circuit 3. The stator three-phase winding out-of-phase break line ("Δ" then method) 4. Overload 	<p>Check the line voltage; Check each phase windings and each phase no-load current; Check each phase winding resistance; Check the load</p>
3. Motor stay in low rotation speed	<ol style="list-style-type: none"> 1. A connect the stator winding, motor hair crosstalk 2. The rotor ring and guide bar among fracture 	<p>Check feeders current and lead wire mark; Check short-circuit current</p>
4. Stator overheating	<ol style="list-style-type: none"> 1. Feeders three roots there was a break or stator winding a phase open circuit 2. The power supply voltage too big or too low 3. overload 4. Same stator circle or short circuit 5. And ventilated bad 	<p>Check the fuse, line voltage and current between wire; Check the current in a feeders, Check the stator alternate with and ground insulation resistance; Check the winding resistance and stable wa</p>
5. Bearing overheating	<ol style="list-style-type: none"> 1. The assembly wrong 2. The motor shaft and the dragging is not parallel axis 3. No lubricating oil, oil impurities or oily bad there 4. Belts tight 5. Don't balance of magnetic big suction 	<p>Check whether the rotor to turn; Correction two axis balance; Use the car wash oil changing; The belt or loose move feet; Check the air gap eccentric degrees</p>
6. When feeder insurance facilities trip	<ol style="list-style-type: none"> 1. A connect the stator winding 2. Put a "Y" shall meet type stator windings to become "Δ" Δ 3. Winding base to short circuit or alternate with short circuit 	<p>Check mark and lead wire by law; Check mark and lead wire by law; Check the phase windings of the insulation and the same base of insulation</p>
7. Mechanical vibration	<ol style="list-style-type: none"> 1. Relet not only in balance quite a low speed don't vibration 2. the axial moving there 3. transmission belt joint answered the bad 4. pulley is not even 	<p>Check the balance situation; Check the clearance of bearing, and to make adjustments. To meet the belt; Check the pulley</p>

Note: There are many reasons for the malfunctions, sometimes there might be several reasons for one problem, sometimes one reason might cause several problems. These listed in the table are just those frequently appeared, please don't hesitate to contact us while in need.