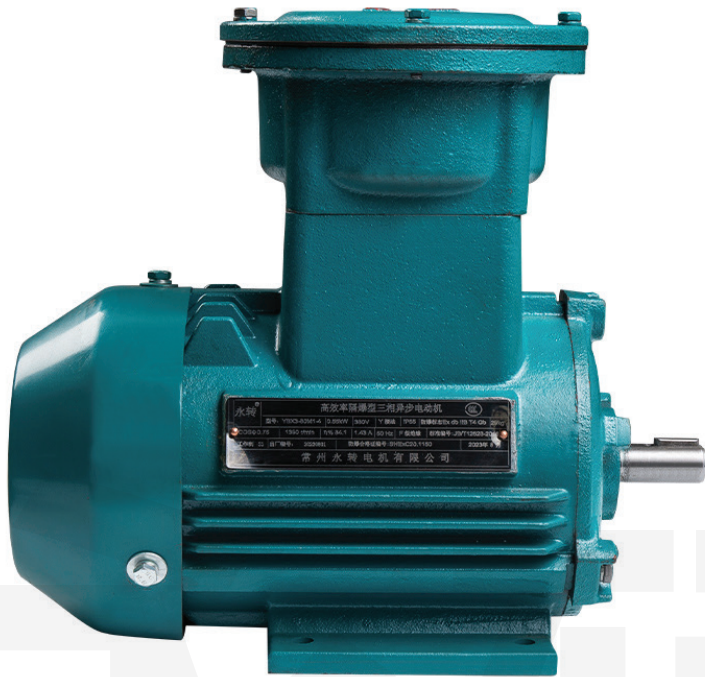


• 技术参数 (Parameters)



粉尘防爆型三相异步电动机

YFBX3 Series Dust Explosion-proof Three Phase Asynchronous Motor

YFBX3系列粉尘防爆型三相异步电动机相比于YBX3普通防爆电机, 防爆标志为Ex tb IIIC, T135°C Db。外壳防护型“tD”电机是粉尘防爆电机的一种型式, 其防止粉尘点燃原理是限制外壳和能够与粉尘接触的其它表面的最高表面温度, 采用防尘外壳来限制粉尘进入, 电机防护等级达到“IP65”。

适用于大气条件下形成的可燃性粉尘环境, 如医药、纺织 (如棉花纤维、亚麻纤维、化纤纤维等)、冶金 (镁粉、铝粉、碳粉等)、粮食加工 (如小麦、玉米、谷物等)、饲料加工 (血粉、鱼粉)、化肥、烟草、造纸、合成材料 (如塑料、燃料)、建材等场所。

YFBX3 series dust explosion-proof three-phase asynchronous motor compared with YBX3 ordinary explosion-proof motor, explosion-proof mark is Ex tb IIIC, T135°C Db. Shell protection type "tD" motor is a type of dust explosion-proof motor, the principle of preventing dust ignition is to limit the maximum surface temperature of the shell and other surfaces that can be in contact with the dust, the dust-proof shell is used to limit the entry of dust, and the motor protection level reaches "IP65".

It is suitable for combustible dust environment formed under atmospheric conditions, such as medicine, textile (such as cotton fiber, flax fiber, chemical fiber, etc.), metallurgy (magnesium powder, aluminum powder, toner, etc.), food processing (such as wheat, corn, grain, etc.), feed processing (blood meal, fish meal), fertilizer, tobacco, paper making, synthetic materials (such as plastics, fuel), building materials and other places.

型号 Model	功率 Output (KW)	转速 Sync speed r/min	效率 Efficiency %	功率因数 Power factor cosΦ	电流 Current (380V)		转矩 Torque		
					额定电流 Rated Current IN(A)	堵转电流 Is	额定转矩 Rated Torque (NM)	堵转转矩 Ts	最大转矩 Tmax
						额定电流 In		额定转矩 Tn	额定转矩 Tn
63M1-2	0.18	2800	66.0	0.8	0.5	5.0	0.61	2.2	2.3
63M2-2	0.25	2800	68.0	0.81	0.7	5.0	0.85	2.2	2.3
71M1-2	0.37	2800	70.0	0.81	1.0	5.5	1.2	2.2	2.3
71M2-2	0.55	2800	73.0	0.82	1.4	5.5	1.8	2.2	2.3
80M1-2	0.75	2825	75.0	0.83	1.8	6.0	2.5	2.2	2.3
80M2-2	1.1	2825	78.0	0.84	2.6	6.0	3.7	2.2	2.3
90S-2	1.5	2840	79.0	0.84	3.4	7.0	5.0	2.2	2.3
90L-2	2.2	2840	81.0	0.85	4.9	7.0	7.4	2.2	2.3
100L-2	3	2880	83.0	0.87	6.3	7.0	9.9	2.2	2.3
112M-2	4	2890	85.0	0.88	8.2	7.0	13.2	2.2	2.3
132S1-2	5.5	2900	86.0	0.88	11.0	7.5	18.1	2.2	2.3
132S2-2	7.5	2900	87.0	0.88	14.9	7.5	24.7	2.2	2.3
160M1-2	11	2930	88.4	0.89	21	7.5	35.8	2.2	2.4
160M2-2	15	2930	89.4	0.89	29	7.5	48	2.2	2.4
160L-2	18.5	2930	90.0	0.90	35	7.5	60	2.2	2.4
180M-2	22	2940	90.5	0.90	41	7.5	71	2.0	2.3
200L1-2	30	2950	91.4	0.90	55	7.5	97	2.0	2.3
200L2-2	37	2950	92.0	0.90	68	7.5	119	2.0	2.3
225M-2	45	2970	92.5	0.90	82	7.5	144	2.0	2.3
250M-2	55	2970	93.0	0.90	100	7.5	176	2.1	2.3
280S-2	75	2970	93.6	0.90	135	7.5	241	2.0	2.3
280M-2	90	2970	93.9	0.91	160	7.5	289	2.1	2.3
315S-2	110	2980	94.0	0.91	195	7.0	352	1.8	2.3
315M-2	132	2980	94.5	0.91	233	7.0	423	1.8	2.3
315L1-2	160	2980	94.6	0.91	282	7.0	512	1.8	2.3
315L2-2	200	2980	94.8	0.92	348	7.0	640	1.8	2.3
同步转速 (Synchronous speed) 1500r/min									
63M1-4	0.12	1400	58.0	0.72	0.44	4.0	0.85	2.0	2.2
63M2-4	0.18	1400	63.0	0.73	0.6	4.0	1.3	2.0	2.2
71M1-4	0.25	1400	66.0	0.74	0.8	4.0	1.7	2.0	2.2
71M2-4	0.37	1400	69.0	0.75	1.1	4.0	2.5	2.0	2.2
80M1-4	0.55	1390	71.0	0.76	1.6	5.0	3.7	2.4	2.3
80M2-4	0.75	1390	73.0	0.77	2.0	5.0	5.1	2.4	2.3
90S-4	1.1	1400	76.2	0.78	2.9	6.0	7.5	2.3	2.3
90L-4	1.5	1400	78.5	0.79	3.7	6.0	10.2	2.3	2.3
100L1-4	2.2	1420	81.0	0.82	5.1	6.0	14.8	2.3	2.4
100L2-4	3	1420	82.6	0.82	6.7	6.0	20.1	2.3	2.4
112M-4	4	1440	84.2	0.82	8.8	6.0	26.5	2.3	2.4
132S-4	5.5	1440	86.0	0.84	11.7	7.0	36.4	2.3	2.4
132M-4	7.5	1440	87.0	0.85	15.6	7.0	49	2.3	2.4
160M-4	11	1460	88.4	0.85	23	7.0	71	2.2	2.4
160L-4	15	1460	89.4	0.85	30	7.0	98	2.2	2.4

• 技术参数 (Parameters)

型号 Model	功率 Output (KW)	转速 Syncspeed r/min	效率 Efficiency %	功率因数 Power factor cosΦ	电流(380V) Current(380V)		转矩 Torque		
					额定电流 Rated Current IN(A)	堵转电流 Is	额定转矩 Rated Torque (NM)	堵转转矩 Ts	最大转矩 Tmax
						额定电流 In		额定转矩 Tn	额定转矩 Tn
180M-4	18.5	1470	90.5	0.86	36	7.0	120	2.2	2.3
180L-4	22	1470	91.2	0.86	42	7.0	142	2.2	2.3
200L-4	30	1470	92.0	0.87	57	7.2	194	2.2	2.4
225S-4	37	1480	92.5	0.87	71	7.2	238	2.2	2.4
225M-4	45	1480	92.8	0.88	85	7.2	290	2.2	2.4
250M-4	55	1480	93.0	0.88	104	7.2	354	2.2	2.4
280S-4	75	1480	93.8	0.88	139	7.2	483	2.2	2.4
280M-4	90	1485	94.2	0.89	167	7.2	578	2.1	2.4
315S-4	110	1485	94.5	0.89	203	7.0	707	2.1	2.4
315M-4	132	1485	94.8	0.89	241	7.0	848	2.1	2.4
315L1-4	160	1485	94.9	0.90	291	7.0	1028	2.1	2.4
315L2-4	200	1485	94.9	0.90	359	7.0	1286	2.1	2.3
同步转速 (Synchronous speed) 1000r/min									
71M1-6	0.18	900	62.0	0.66	0.8	4.0	2.0	1.9	2.1
71M2-6	0.25	900	63.0	0.68	0.9	4.0	2.8	1.9	2.1
80M1-6	0.37	910	63.0	0.70	1.3	4.0	3.8	1.9	2.1
80M2-6	0.55	910	66.0	0.72	1.8	4.0	5.7	1.9	2.1
90S-6	0.75	910	69.0	0.72	2.3	4.0	7.8	2.1	2.1
90L-6	1.1	910	73.0	0.73	3.2	5.0	11.5	2.1	2.1
100L-6	1.5	940	76.0	0.76	4.0	5.0	15.2	2.1	2.1
112M-6	2.2	940	79.0	0.76	5.6	5.0	22.3	2.1	2.1
132S-6	3	960	81.0	0.77	7.4	6.0	29.8	2.1	2.4
132M1-6	4	960	83.0	0.78	9.9	6.0	39.7	2.1	2.4
132M2-6	5.5	960	85.0	0.78	12.9	6.5	54	2.1	2.4
160M-6	7.5	970	86.0	0.79	17.2	6.5	73	2.1	2.4
160L-6	11	970	87.5	0.79	24	6.5	108	2.1	2.4
180L-6	15	970	89.0	0.81	31.4	7.0	147	2.1	2.1
200L1-6	18.5	970	90.0	0.83	37.9	7.0	182	2.2	2.4
200L2-6	22	970	90.0	0.83	45	7.0	216	2.2	2.4
225M-6	30	980	92.0	0.86	59	7.0	292	2.1	2.4
250M-6	37	980	92.0	0.86	72	7.0	360	2.1	2.4
280S-6	45	980	92.5	0.86	87	7.0	438	2.1	2.4
280M-6	55	980	92.8	0.86	106	7.0	535	2.1	2.3
315S-6	75	985	93.5	0.86	143	7.0	727	2.0	2.2
315M-6	90	985	93.8	0.86	171	7.0	872	2.0	2.2
315L1-6	110	985	94.0	0.86	206	7.0	1066	2.0	2.2
315L2-6	132	985	94.2	0.87	247	7.0	1279	2.0	2.2
同步转速 (Synchronous speed) 750r/min									
71M1-8	0.09	690	42.0	0.59	0.55	4.0	1.25	1.8	2.0
71M2-8	0.12	690	45.0	0.59	0.68	4.0	1.66	1.8	2.0
80M1-8	0.18	710	52.0	0.61	0.9	3.3	2.42	1.8	1.9
80M2-8	0.25	710	55.0	0.61	1.2	3.3	3.36	1.8	1.9
90S-8	0.37	710	63.0	0.62	1.5	4.0	4.9	1.8	2.0

Changzhou Yongzhuan Motor Co., LTD	
Wechat /Cell / WhatsApp:	+86-15861132046
E- Mail:	rylee@vmttech.com
Add:	No.70 Chenyang, Jiaze Wujin Changzhou City, Jiangsu Province, China
Zip Code:	213153
Website:	https://www.victory-motor.com/