



# 江苏锡安达防爆股份有限公司

JIANGSU XIANDA EXPLOSION-PROOF CO.,LTD

表1 YB355~450 系列 (6kV) 隔爆型三相异步电动机技术数据 (保证值)

Table 1 Technical data of YB355 to 450 series of flame proof three-phase induction motors (guaranteed value)

型号 Type	功率 Rated output kW	电流 Rated current A	转速 Rated speed rpm	效率 Eff. %	功率 因数 Power factor cosφ	堵转转矩 额定转矩 Locked torque Rated torque	最大转矩 额定转矩 Poll-out torque Rated torque	最小转矩 额定转矩 Min torque Rated current	堵转电流 额定电流 Locked current Rated current	振动 Vibration (mm/s)	噪声 Noise dB(A)	飞轮力 矩 Moment Of inertia (kg. m <sup>2</sup> )	重量 Weight (kg)
同步转速 3000 转/分 Synchronous speed 3000r/min													
YB355M1-2	160	19.4	2980	92.5	0.86	1.3	2.5	0.66	7.0	2.8	109	16	2300
YB355M2-2	185	22.4		17	2450								
YB400S1-2	200	23.8		93.0	0.87							19.7	2500
YB400S2-2	220	26.2		22.4	2600								
YB400M1-2	250	29.2		93.5	25.1							2750	
YB400M2-2	280	32.7		27.9	2850								
YB450S1-2	315	36.6		94.0	29.9							3050	
YB450S2-2	355	41.3		33.1	3150								
YB450S3-2	400	46.3		94.5	36.4							3250	
YB450M1-2	450	52.1		41.7	3500								
YB450M2-2	500	57.9	47.3	3600									
同步转速 1500 转/分 Synchronous speed 1500 r/min													
YB355M1-4	160	19.8	1488	92.5	0.84	1.1	2.2	0.56	6.5	2.8	108	22.0	2300
YB355M2-4	185	22.9		25.0	2450								
YB400S1-4	200	24.1		93.0	0.86							31.2	2500
YB400S2-4	220	26.5		34.7	2600								
YB400M1-4	250	29.7		37.7	2700								
YB400M2-4	280	33.3		40.6	2850								
YB450S1-4	315	37.1		93.8	74.0							3150	
YB450S2-4	355	41.9		80.0	3250								
YB450S3-4	400	46.8		94.5	88.0							3400	
YB450M1-4	450	52.7		97.0	3600								
YB450M2-4	500	58.5	106.0	3800									

表1 (续) YB355~450 系列 (6kV) 隔爆型三相异步电动机技术数据 (保证值)

Table 1 (continued) Technical data of YB355 to 450 series of flame proof three-phase induction motors (guaranteed value)

型号 Type	功率 Rated output kW	电流 Rated current A	转速 Rated speed rpm	效率 Eff. %	功率 因数 Power factor cosφ	堵转转矩 额定转矩 Locked torque Rated torque	最大转矩 额定转矩 Poll-out torque Rated torque	最小转矩 额定转矩 Min torque Rated current	堵转电流 额定电流 Locked current Rated current	振动 Vibration (mm/s)	噪声 Noise dB(A)	飞轮力 矩 Moment Of inertia (kg. m <sup>2</sup> )	重量 Weight (kg)							
同步转速 1000 转/分 Synchronous speed 1000 r/min																				
YB400S1-6	160	19.9	987	92.0	0.84	1.1	2.2	0.56	6.5	2.8	102	85.0	2600							
YB400S2-6	185	23.0		90.0								2700								
YB400M1-6	200	24.8		92.5								95.0	2800							
YB400M2-6	220	27.2		100.0								2900								
YB450S1-6	250	30.6		92.5								105.0	3300							
YB450S2-6	280	34.3		1.1								2.2	0.56	6.5	2.8	110.0	3450			
YB450S3-6	315	38.3		0.85								115.0	3550							
YB450M1-6	355	43.2		93.0								120.0	3720							
YB450M2-6	400	48.7		125.0								3880								
同步转速 750 转/分 Synchronous speed 750 r/min																				
YB400M1-8	160	20.9	742	92.0	0.80	1.0	2.2	0.51	6.0	2.8	99	110.0	2800							
YB400M2-8	185	24.2		115.0	3000															
YB450S1-8	200	25.7		92.5	120.0							3300								
YB450S2-8	220	28.3		125.0	3400															
YB450S3-8	250	31.9		0.81	135.0							3500								
YB450M1-8	280	35.8		93.0	140.0							3600								
YB450M2-8	315	40.2		145.0	3700															
同步转速 600 转/分 Synchronous speed 600 r/min																				
YB450S1-10	160	22.6		592	92.0							0.74	1.0	2.0	0.51	6.0	2.8	99	150.0	3100
YB450S2-10	185	26.1																	155.0	3300
YB450S3-10	200	28.3	160.0			3500														
YB450M1-10	220	31.1	166.0			3700														
YB450M2-10	250	35.3	172.0			3850														

表2 YB450 系列 (10kV) 隔爆型三相异步电动机技术数据 (保证值)

Table 2 Technical data of YB 450 series of flame proof three-phase induction motors (guaranteed value)

型号 Type	功率 Rated output kW	电流 Rated current A	转速 Rated speed rpm	效率 Eff. %	功率 因数 Power factor cosφ	堵转转矩 额定转矩 Locked torque Rated torque	最大转矩 额定转矩 Poll-out torque Rated torque	堵转电流 额定电流 Locked current Rated current	噪声 Noise dB(A)	飞轮力 矩 Moment Of inertia (kg. m <sup>2</sup> )	重量 Weight (kg)
同步转速 3000 转/分											
YB450S-2	200	14.5	2980	92.3	0.86	1.0	2.0	7.0	109	29.7	3050
YB450S1-2	220	16.0		92.5						32.4	3150
YB450S2-2	250	18.1		92.7						35.2	3250
YB450S3-2	280	20.2		92.9						38.1	3370
YB450M1-2	315	22.5		93.1						41.7	3520
YB450M2-2	355	25.3		93.3						47.3	3640
同步转速 1500 转/分											
YB450S-4	200	14.9	1488	92.3	0.84	1.2	1.8	6.5	108	74	3150
YB450S1-4	220	16.3		92.5						80	3250
YB450S2-4	250	18.5		92.7						85	3400
YB450S3-4	280	20.7		92.9						91.6	3600
YB450M1-4	315	23.0		93.1						98.2	3800
YB450M2-4	355	25.8		93.3						106	4000
同步转速 1000 转/分											
YB450S1-6	200	15.4	987	91.6	0.82	1.0	1.8	6.0	102	105	3450
YB450S2-6	220	16.9		91.9						110	3550
YB450M1-6	250	19.1		92.1						115	3800
YB450M2-6	280	21.4		92.3						120	3950
同步转速 750 转/分											
YB450M1-8	200	16.0	742	91.6	0.79	0.9	1.8	5.5	99	140	3600
YB450M2-8	220	17.5		91.9						145	3700

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