

• 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

YBBP 系列 Series



变频调速隔爆型三相异步电动机

YBBP Series variable frequency speed Regulation Explosion-proof three-phase asynchronous motor

YBBP系列隔爆型变频三相异步电动机与变频器配合使用,可以实现宽频率范围内无极调速,具有调速范围广、动态相应快、调速精度高等特点。

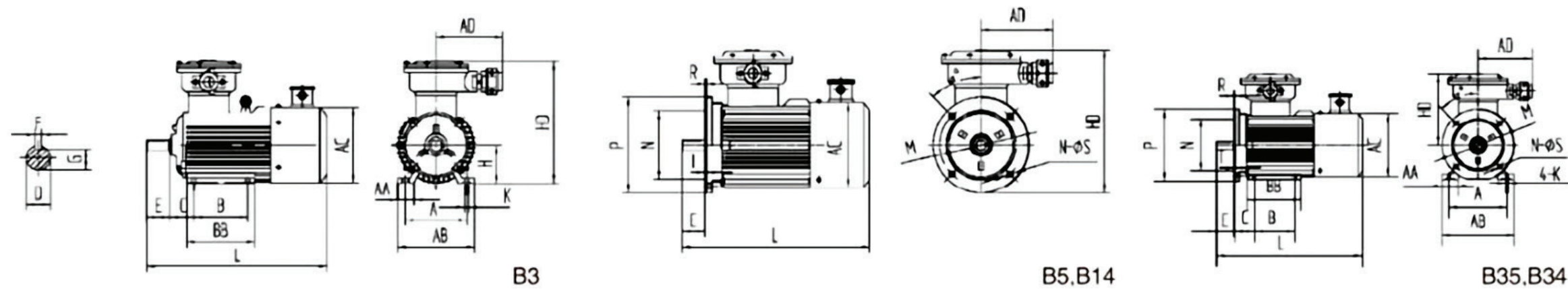
YBBP系列电机尾部采用独立的轴流风机强迫通风,确保电机在不同转速运行时具有良好的冷却效果。该电动机变频范围:2P电机为5-60Hz, 4-8P电机为5-100Hz, 恒功率频率范围为5-100Hz。

The YBBP series explosion-proof variable frequency three-phase asynchronous motor can realize speed regulation without poles in a wide frequency range, and has the characteristics of wide speed regulation range, fast dynamic response and high speed regulation accuracy.

The YBBP series motor uses an independent axial fan for forced ventilation at the tail to ensure that the motor has a good cooling effect when running at different speeds. The motor frequency range: 2P motor is 5-60Hz, 4-8P motor is 5-100Hz, and constant power frequency range is 5-100Hz.

YBBP 外形与安装尺寸图

YBBP Figure of external mounting dimensions.



机座号 Stand No. IMB3	凸缘号 Flange number		安装尺寸 Mounting Dimension																						外形尺寸 Overall Dimension																
	IMB35 IMB5 IMV1	IMB14 IMB34	A	B	C	D	E		F		G		H	K	凸缘尺寸 Flange size												进线口管螺纹 Thread of inlet pipe		AA	AB	AC	AD	BB	HD	L						
						极数 Poles						IMB35、IMB5、IMV1						IMB14、IMB34						2P	2P	≥4P									≥4P						
						2P ≥4P	2P	≥4P	2P	≥4P	2P	≥4P			M	N	P	R	α°	n X S	T	M	N	P	R	α°									n X S	T	单口 Single port	双口 Dual port	其它	V1	其它
63	FF115	F175	100	80	40	11	23		4		8.5		63	7	115	95	140	0	45	4 x Φ10		3	75	60	90	0	45	4 x M5	2.5	M24x1.5		30	130	150	165	110	230	340	380	340	380
71	FF130	F185	112	90	45	14	30		5		11		71	7	13	110	160	0	45	4 x Φ10		3	85	70	105	0	45	4 x M6	2.5	M24x1.5		32	140	155	165	130	240	365	405	365	405
80	FF165	FT100	125	100	50	19	40		6		15.5		80	10	165	130	200	0	45	4 x Φ12		3.5	100	80	120	0	45	4 x M6	3.0	M30x2	-	34	165	180	200	135	290	410	445	410	445
90S	FF165	FT115	140	100	56	24	50		8		20.0		90	10	165	130	200	0	45	4 x Φ12		3.5	115	95	140	0	45	4 x M8	3.0	M30x2	-	36	180	205	200	160	310	455	500	455	500
90L	FF165	FT115	140	125	56	24	50		8		20.0		90	10	165	130	200	0	45	4 x Φ12		3.5	115	95	140	0	45	4 x M8	3.0	M30x2	-	36	180	205	200	160	310	480	525	480	525
100L	FF215	FT130	160	140	63	28	60		8		24.0		100	12	215	180	250	0	45	4 x Φ14.5		4.0	130	110	160	0	45	4 x M8	3.5	M30x2	-	40	200	230	200	180	335	505	550	505	550
112M	FF215	FT130	190	140	70	28	60		8		24.0		112	12	215	180	250	0	45	4 x Φ14.5		4.0	130	110	160	0	45	4 x M8	3.5	M30x2	-	50	245	230	200	185	360	525	585	525	585
132S	FF265	-	216	140	89	38	80		10		33.0		132	12	265	230	300	0	45	4 x Φ14.5		4.0	-	-	-	-	-	-	M30x2	-	60	280	270	225	200	405	575	635	575	635	
132M	FF265	-	216	178	89	38	80		10		33.0		132	12	265	230	300	0	45	4 x Φ14.5		4.0	-	-	-	-	-	-	M30x2	-	60	280	270	225	238	405	605	650	605	650	
160M	FF300	-	254	210	108	42	110		12		37.0		160	14.5	300	250	350	0	45	4 x Φ18.5		5.0	-	-	-	-	-	-	M36x2	-	70	330	325	240	270	480	765	835	765	835	
160L	FF300	-	254	254	108	42	110		12		37.0		160	14.5	300	250	350	0	45	4 x Φ18.5		5.0	-	-	-	-	-	-	M36x2	-	70	330	325	240	314	480	805	875	805	875	
180M	FF300	-	279	241	121	48	110		14		42.5		180	14.5	300	250	350	0	45	4 x Φ18.5		5.0	-	-	-	-	-	-	M36x2	-	70	355	360	240	325	525	805	875	805	875	
180L	FF300	-	279	279	121	48	110		14		42.5		180	14.5	300	250	350	0	45	4 x Φ18.5		5.0	-	-	-	-	-	-	M36x2	-	70	355	360	240	365	525	825	895	825	895	
200L	FF350	-	318	305	133	55	110		16		49.0		200	18.5	350	300	400	0	45	4 x Φ18.5		5.0	-	-	-	-	-	-	M48x2	-	70	390	400	290	370	575	925	995	925	995	
225S	FF400	-	356	289	149	55	60	110	140	16	18	49.0	53	225	18.5	400	350	450	0	22.5	4 x Φ18.5		5.0	-	-	-	-	-	-	M48x2	-	75	435	450	290	370	620	-	-	920	990
225M	FF400	-	356	311	149	55	60	110	140	16	18	49.0	53	225	18.5	400	350	450	0	22.5	4 x Φ18.5		5.0	-	-	-	-	-	-	M48x2	-	75	435	450	290	395	620	915	985	945	1015
250M	FF500	-	406	349	168	60	65	140	140	18	18	53.0	58	250	24	500	450	550	0	22.5	4 x Φ18.5		5.0	-	-	-	-	-	-	M64x2	M48x2	80	490	500	350	425	700	1055	1155	1055	1155
280S	FF500	-	457	368	190	65	75	140	140	18	20	58.0	67.5	280	24	500	450	550	0	22.5	4 x Φ18.5		5.0	-	-	-	-	-	-	M64x2	M48x2	85	545	560	350	450	760	1125	1225	1125	1225
280M	FF500	-	457	419	190	65	75	140	140	18	20	58.0	67.5	280	24	500	450	550	0	22.5	4 x Φ18.5		5.0	-	-	-	-	-	-	M64x2	M48x2	85	545	560	350	500	760	1155	1255	1155	1255
315S	FF600	-	508	406	216	65	80	140	170	18	22	58.0	71	315	28	600	550	660	0	22.5	4 x Φ24		6.0	-	-	-	-	-	-	M85x3	M64x2	120	628	620	478	590	905	1345	1445	1375	1475
315M	FF600	-	508	457	216	65	80	140	170	18	22	58.0	71	315	28	600	550	660	0	22.5	4 x Φ24		6.0	-	-	-	-	-	-	M85x3	M64x2	120	628	620	478	590	905	1405	1505	1445	1545
315L	FF600	-	508	508	216	65	80	140	170	18	22	58.0	71	315	28	600	550	660	0	22.5	4 x Φ24		6.0	-	-	-	-	-	-	M85x3	M64x2	120	628	620	478	640	905	1405	1505	1445	1545
355S	FF740	-	610	500	254	75	95	140	170	20	25	67.5	86	355	28	740	680	800	0	22.5	4 x Φ24		6.0	-	-	-	-	-	-	M85x3	M72x2	116	726	700	478	570	985	1350	1470	1390	1530
355M	FF740	-	610	560	254	75	95	140	170	20	25	67.5	86	355	28	740	680	800	0	22.5	4 x Φ24		6.0	-	-	-	-	-	-	M85x3	M72x2	116	726	700	478	730	955	1410	1550	1440	1610
355L	FF740	-	610	630	254	75	95	140	170	20	25	67.5	86	355	28	740	680	800	0	22.5	4 x Φ24		6.0	-	-	-	-	-	-	M85x3	M72x2	116	726	700	478	800	985	1480	1620	1510	1650