CATALOG

M2JA Series

Flameproof Three-phase Induction Motors for Hazardous Environment



SummaryM2JA Series Flameproof Three-phase Induction Motors for Hazardous Environments (H80-H355)

M2JA series flameproof three-phase induction motors for hazardous environments, with “Ex d” type of protection, are specially designed for zones with T1-T5 group maximum surface temperature. The M2JA series motors are certified by LCIE (BV).



Ordering Information

Sample order
When placing an order, the motor type, size and product code must be specified. The product code of the motor is composed in various ways, in accordance with the following examples.

A	B	C					D, E, F, G			
M2JA	100L2A	3GJA	1 0	1	5 01	-	A	S	A	X
		1-4	5-6	7	8-10	11	12	13	14	15

A Motor type
B Motor size
C Product code
D Mounting arrangement code
E Voltage and frequency code
F Generation code

How to Place an Order

A. When place an order for a motor, please specify its type, output, speed, voltage, frequency, mounting arrangement, explosive mixture group and temp, class, degree of protection and way of supply cable (including entry amount).
Example: M2JA 160M4A, 11KW, 1500r/min, 400/690V, 50Hz, IMB3, EX d II CT4, IP55, double entry.
B. When place an order, please choose the motor that is listed in this catalogue. special orders for motors not listed can also be available upon request.

Explanation of the Product Code

Positions 1 and 4
M2JA=Flameproof three-phase induction motors for hazardous enxironment

Positions 5 and 6

IEC frame

08 = 80	16 = 160	25 = 250
09 = 90	18 = 180	28 = 280
10 = 100	20 = 200	31 = 315
11 = 112	22 = 225	35 = 355
13 = 132		

Positions 7

Speed(pole pairs)

1=2poles	6=12poles
2=4poles	7=>12poles
3=6poles	8=Two-speed motors
4=8poles	9=multi-speed motors
5=10poles	

Positions 8 to 10
Running number series

Positions 11
-(dash)

Positions 12
Mounting arrangement
A=Foot-mounted, top-mouted terminal box
B=Flange-mounted, large flange
C=Flange-mounted, small flange size(80-160)
H=Foot-and flange-mounted

Positions 13
Voltage and frequency code
See tables on appropriate page

Positions 14
Generation code
A

Positions 15
VC Identifying code
X

Technical data

IP55 IC411
Insulation class F - Temperature rise class F

		380V 50Hz				415V 50Hz						
Output kW	Type designation	Speed n r/min	Efficiency η%	power factor cosϕ	Current A	Speed n r/min	Efficiency η%	Power factor cos ϕ	Current A	Momentof inertia J=GD ²/4 Kgm ²	Weight kg	Sound pressure level Lp dB(A)
					3000r/min=2 poles basic design							
0.75	80M2A	2825	73.7	0.86	1.80	2855	74.7	0.84	1.66	0.00091	30	57
1.1	80M2B	2840	76.2	0.87	2.52	2870	77.4	0.845	2.34	0.00107	31	58
1.5	90S2A	2835	77.8	0.885	3.31	2865	78.8	0.86	3.08	0.00135	34	61
2.2	90L2A	2835	80.2	0.88	4.74	2865	81.0	0.83	4.55	0.00163	40	61
3	100L2A	2845	82.0	0.88	6.32	2870	82.8	0.845	5.97	0.00402	46	65
4	112M2A	2860	83.1	0.915	7.99	2890	84.4	0.88	7.49	0.00671	61	67
5.5	132S2A	2890	84.8	0.90	10.9	2910	86.0	0.875	10.2	0.01241	79	70
7.5	132S2B	2900	86.0	0.90	14.7	2920	87.2	0.89	13.4	0.01491	84	70
11	160M2A	2910	87.6	0.885	21.6	2930	88.2	0.85	20.4	0.0436	149	72
15	160M2B	2910	89.3	0.895	28.5	2930	89.8	0.875	26.6	0.0551	161	72
18.5	160L2A	2910	89.8	0.905	34.6	2930	90.3	0.885	32.2	0.06549	185	72
22	180M2A	2935	90.4	0.91	40.6	2950	90.4	0.88	38.5	0.08805	216	75
30	200L2A	2950	91.2	0.91	54.9	2960	91.2	0.89	51.4	0.14821	312	81
37	200L2B	2950	91.6	0.915	67.1	2960	91.6	0.895	62.8	0.16822	329	81
45	225M2A	2965	92.1	0.90	82.5	2970	92.1	0.875	77.7	0.29345	406	81
55	250M2A	2960	92.3	0.905	100	2965	92.5	0.89	92.9	0.3784	488	84
75	280S2A	2965	92.8	0.92	133	2970	93.1	0.905	124	0.587	630	85
90	280M2A	2965	93.1	0.925	159	2970	93.4	0.915	147	0.615	700	85
110	315S2A	2975	93.6	0.905	197	2980	93.6	0.89	184	1.4083	1138	88
132	315M2A	2975	94.2	0.905	235	2980	94.2	0.89	219	1.5584	1263	88
* 160	315L2A	2975	94.2	0.91	284	2980	94.2	0.89	266	1.7256	1338	88
* 200	315L2B	2970	94.4	0.915	352	2975	94.4	0.90	327	1.9405	1400	88
* 250	355M2A	2980	94.5	0.905	444	2980	94.5	0.895	411	3.05	1798	89
* 315	355L2A	2980	94.8	0.905	558	2980	94.8	0.895	517	3.6	2158	89

		380V 50Hz				415V 50Hz						
Output kW	Type designation	Speed n r/min	Efficiency η%	power factor cosϕ	Current A	Speed n r/min	Efficiency η%	Power factor cosϕ	Current A	Momentof inertia J=GD ²/4 Kgm ²	Weight kg	Sound pressure level Lp dB(A)
					1500r/min=4 poles basic design							
0.55	80M4A	1400	71.5	0.75	1.56	1420	72.0	0.70	1.52	0.00145	30	46
0.75	80M4B	1405	73.2	0.78	2.00	1425	74.7	0.735	1.90	0.00174	31	46
1.1	90S4A	1385	75.7	0.785	2.81	1405	76.5	0.735	2.72	0.00254	34	52
1.5	90L4A	1390	77.8	0.795	3.68	1410	78.8	0.755	3.51	0.00317	41	52
2.2	100L4A	1420	80.2	0.81	5.15	1435	81.0	0.765	4.94	0.00679	45	53
3	100L4B	1415	81.7	0.83	6.72	1430	82.8	0.785	6.42	0.00862	52	53
4	112M4A	1430	83.6	0.805	9.03	1440	84.1	0.75	8.82	0.01306	64	56
5.5	132S4A	1425	84.7	0.84	11.7	1440	85.6	0.79	11.3	0.02673	81	59
7.5	132M4A	1430	86.1	0.84	15.8	1450	87.1	0.80	15.0	0.03432	94	59
11	160M4A	1450	88.2	0.87	21.8	1460	88.2	0.83	20.9	0.06543	152	66
15	160L4A	1450	89.3	0.88	29.0	1460	89.3	0.85	27.5	0.09349	181	66
18.5	180M4A	1465	89.8	0.88	35.6	1470	89.8	0.85	33.7	0.16049	214	66
22	180L4A	1465	90.4	0.89	41.5	1470	90.4	0.86	39.4	0.18046	232	66
30	200L4A	1470	91.2	0.885	56.5	1475	91.2	0.855	53.5	0.2819	312	71
37	225S4A	1475	91.6	0.875	70.1	1480	91.6	0.84	66.9	0.37	358	73
45	225M4A	1475	92.1	0.865	85.8	1480	92.1	0.835	81.4	0.42	396	73
55	250M4A	1475	92.3	0.89	102	1480	92.6	0.87	95.0	0.78	563	76
75	280S4A	1480	92.9	0.89	138	1480	93.1	0.875	128	1.10	668	78
90	280M4A	1480	93.4	0.90	163	1485	93.6	0.885	151	1.35	740	78
110	315S4A	1480	93.6	0.875	204	1485	93.6	0.855	191	2.8596	1163	80
132	315M4A	1480	93.8	0.885	242	1485	93.8	0.865	226	3.1848	1288	80
* 160	315L4A	1480	94.0	0.885	292	1485	94.0	0.86	275	3.6765	1313	86
* 200	315L4B	1480	94.2	0.885	364	1485	94.2	0.865	341	4.2516	1375	86
* 250	355M4A	1485	94.3	0.905	445	1490	94.4	0.895	412	6.77	1933	87
* 315	355L4A	1485	94.7	0.905	558	1490	94.8	0.895	517	8.2	2275	87

*Insulation Class F Temperature rise Class F

D	S	
380~420V△50Hz 660~690VY50Hz 440~480[1]V△60Hz [1]480V not stamped on sizes 160 to 355	220~240V△50Hz 380~420VY50Hz 440~480VY60Hz	Other rated voltage connection or frequency (Max,690V) can be used with VC002 or VC209, (The meaning of Varient code can be referred to Variant Code List)

Technical data

IP55 IC411
Insulation class F - Temperature rise class F

		380V 50Hz				415V 50Hz						
Output kW	Type designation	Speed n r/min	Efficiency η%	power factor cosφ	Current A	Speed n r/min	Efficiency η%	Power factor cosφ	Current A	Momentof inertia J=GD ²/4 Kgm ²	Weight kg	Sound pressure level Lp dB(A)
1000r/min=6 poles												
0.37	80M6A	925	63.0	0.685	1.30	935	63.0	0.63	1.30	0.00159	31	45
0.55	80M6B	920	65.0	0.705	1.82	930	65.5	0.635	1.84	0.00196	32	45
0.75	90S6A	915	70.5	0.755	2.14	930	71.7	0.70	2.08	0.00292	34	48
1.1	90L6A	915	73.3	0.77	2.96	925	74.5	0.72	2.85	0.00379	41	48
1.5	100L6A	930	75.6	0.76	3.97	945	76.8	0.715	3.80	0.00999	45	51
2.2	112M6A	935	78.2	0.75	5.70	945	79.2	0.71	5.44	0.01559	59	54
3	132S6A	940	80.1	0.78	7.30	950	81.1	0.75	6.86	0.03116	76	56
4	132M6A	945	81.4	0.78	9.57	955	82.8	0.75	8.96	0.04074	86	56
5.5	132M6B	940	83.3	0.79	12.7	955	84.3	0.765	11.9	0.05332	96	56
7.5	160M6A	950	85.5	0.79	16.9	970	85.5	0.75	16.3	0.09231	153	61
11	160L6A	965	87.1	0.80	24.0	975	87.1	0.76	23.1	0.12970	181	62
15	180L6A	975	88.3	0.84	30.7	980	88.3	0.80	29.5	0.2418	225	63
18.5	200L6A	975	89.2	0.84	37.5	980	89.2	0.80	36.1	0.34174	294	64
22	200L6B	975	89.7	0.84	44.4	980	89.7	0.81	42.1	0.46837	308	64
30	225M6A	980	90.7	0.835	60.2	985	90.7	0.79	58.2	0.62691	385	66
37	250M6A	975	90.9	0.88	70.3	980	91.5	0.86	65.4	0.97	478	68
45	280S6A	980	91.6	0.885	84.3	985	91.8	0.865	78.8	1.25	603	69
55	280M6A	980	92.0	0.885	103	985	92.3	0.865	95.8	1.485	665	70
75	315S6A	985	92.8	0.87	141	985	93.0	0.85	132	3.1942	1150	70
90	315M6A	985	93.2	0.87	169	985	93.3	0.85	158	3.723	1263	70
110	315L6A	985	93.5	0.88	203	985	93.6	0.87	188	4.2564	1325	70
132	315L6B	985	93.6	0.88	243	985	93.8	0.87	225	5.1577	1400	75
* 160	355M6A	990	94.0	0.89	291	990	94.0	0.86	275	7.8	1700	75
* 200	355M6B	990	94.1	0.895	361	990	94.2	0.875	338	9.1	1939	75
* 250	355L6A	990	94.3	0.895	450	990	94.4	0.87	423	11.4	2571	75
		380V 50Hz				415V 50Hz						
Output kW	Type designation	Speed n r/min	Efficiency η%	power factor cosφ	Current A	Speed n r/min	Efficiency η%	Power factor cosφ	Current A	Momentof inertia J=GD ²/4 Kgm ²	Weight kg	Sound pressure level Lp dB(A)
750r/min=8 poles												
0.75	100L8A	680	67.0	0.65	2.62	695	69.0	0.62	2.44	0.00971	44	53
1.1	100L8B	665	68.8	0.68	3.57	685	71.8	0.625	3.41	0.01186	50	53
1.5	112M8A	690	73.2	0.68	4.58	700	74.4	0.64	4.38	0.01559	61	55
2.2	132S8A	705	79.3	0.745	5.66	715	79.8	0.685	5.60	0.03625	77	55
3	132M8A	705	79.5	0.78	7.35	715	80.0	0.725	7.20	0.04141	85	56
4	160M8A	715	83.0	0.76	9.63	725	83.0	0.70	9.58	0.0676	139	58
5.5	160M8B	715	84.5	0.76	13.0	720	84.5	0.72	12.6	0.09524	151	58
7.5	160L8A	715	85.2	0.77	17.4	720	85.2	0.72	17.0	0.12122	177	58
11	180L8A	725	87.5	0.79	24.2	730	87.5	0.75	23.3	0.23645	222	62
15	200L8A	725	89.0	0.80	32.0	730	89.0	0.75	31.3	0.37103	308	63
18.5	225S8A	735	89.5	0.75	41.9	740	89.3	0.69	41.8	0.53287	341	65
22	225M8A	735	89.7	0.76	49.0	740	89.5	0.70	48.9	0.65825	383	65
30	250M8A	730	91.2	0.81	61.7	735	91.4	0.77	59.3	0.975	490	67
37	280S8A	735	91.1	0.81	76.2	735	91.2	0.785	71.9	1.25	610	68
45	280M8A	735	91.9	0.81	91.8	735	92.0	0.79	86.1	1.485	685	68
55	315S8A	735	92.3	0.83	109	740	92.6	0.805	103	3.6842	1163	65
75	315M8A	735	92.8	0.83	148	740	93.1	0.805	139	4.9591	1263	68
90	315L8A	740	93.3	0.83	177	740	93.6	0.805	166	5.8205	1338	68
110	315L8B	735	93.8	0.84	212	740	94.1	0.81	201	6.7537	1425	68

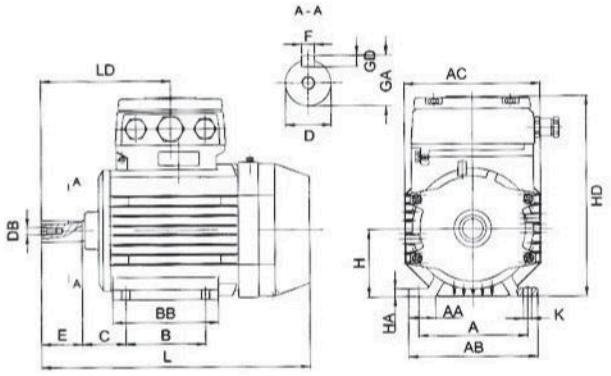
*Insulation Class F Temperature rise Class F

D	S
380~420V△50Hz 660~690VY50Hz 440~480[1)]V△60Hz	220~240V△50Hz 380~420VY50Hz 440~480VY60Hz

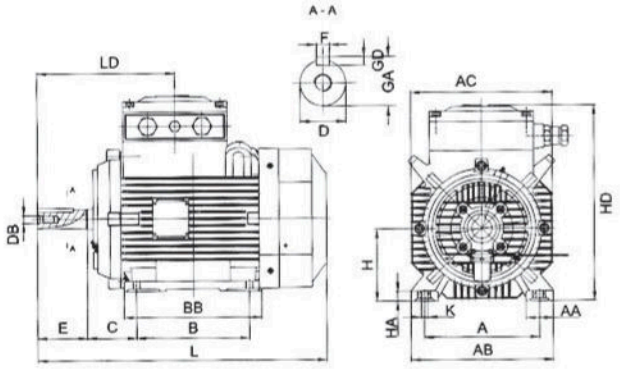
[1)]480V not stamped on sizes 160 to 355

Other rated voltage connection or frequency (Max,690V) can be used with VC002 or VC209, (The meaning of Varient code can be referred to Variant Code List)

Dimension Drawing

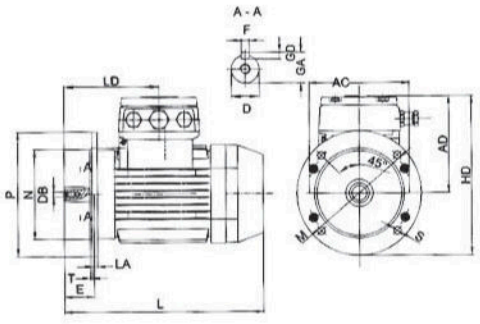


M2JA80-132

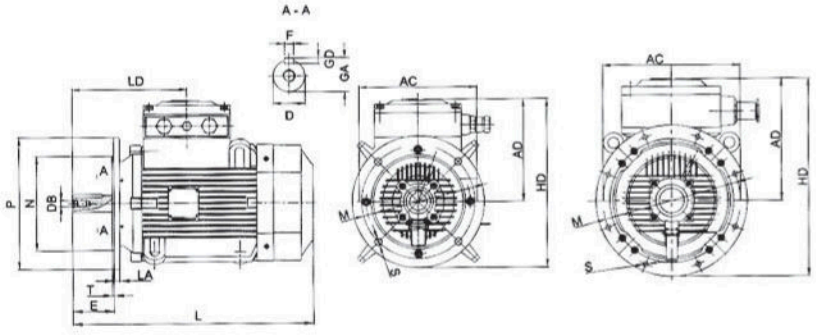


M2JA 160-355

IMB3 (IM1001)



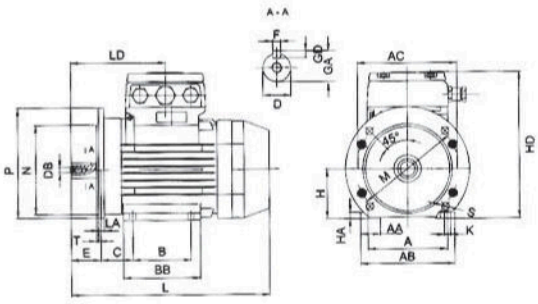
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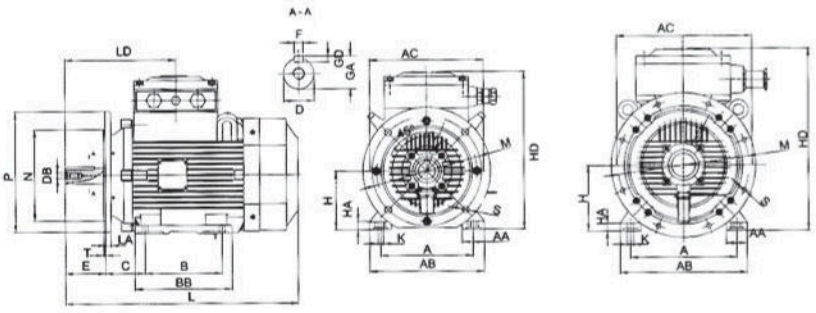
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M2JA225-355

IMB5 (IM3001)



M2JA80-132



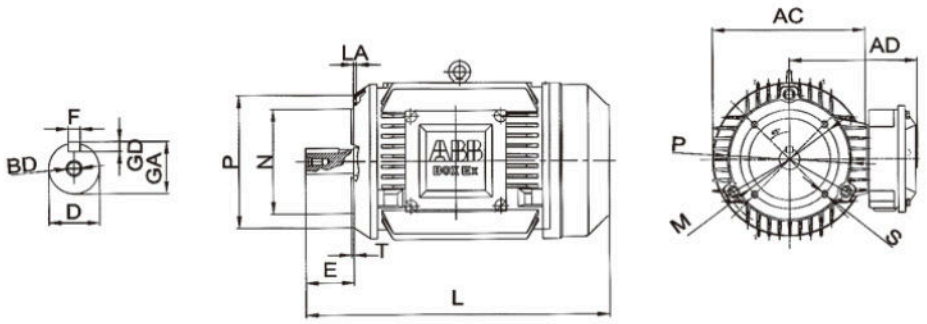
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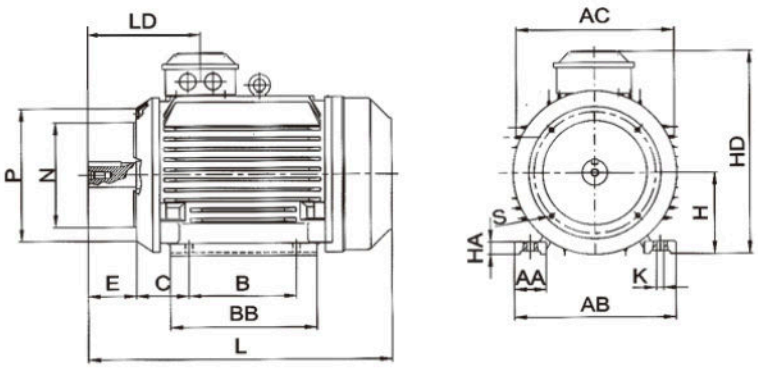
IMB35 (IM2001)

Type	Poles	A	AA	AB	AC	B	BB	C	D	E	F	GA	GD	H	HA	HD	K	L	LD	AD	LA	M	N	P	S	T	DB	EG
80M	2-8	125	35	160	165	100	135	50	19	40	6	21.5	6	80	12	260	10	340	155	180	12	165	130	200	12	3.5	M6	16
90S	2-8	140	35	175	180	100	140	56	24	50	8	27	7	90	12	275	10	355	165	181	12	165	130	200	12	3.5	M8	19
90L	2-8	140	35	175	180	125	165	56	24	50	8	27	7	90	12	275	10	380	165	181	12	165	130	200	12	3.5	M8	19
100L	2-8	160	40	200	205	140	180	63	28	60	8	31	7	100	14	300	12	450	190	195	11	215	180	250	15	4	M10	22
112M	2-8	190	50	235	225	140	190	70	28	60	8	31	7	112	15	320	12	490	205	202	11	215	180	250	15	4	M10	22
132S	2-8	216	55	270	265	140	205	89	38	80	10	41	8	132	18	360	12	485	225	220	12	265	230	300	15	4	M12	28
132M	2-8	216	55	270	265	178	240	89	38	80	10	41	8	132	18	360	12	520	225	220	12	265	230	300	15	4	M12	28
160M	2-8	254	60	325	330	210	270	108	42	110	12	45	8	160	22	450	15	650	305	285	15	300	250	350	19	5	M16	36
160L	2-8	254	60	325	330	254	315	108	42	110	12	45	8	160	22	450	15	690	305	285	15	300	250	350	19	5	M16	36
180M	2-4	279	70	355	355	241	315	121	48	110	14	51.5	9	180	22	480	15	725	315	295	18	300	250	350	19	5	M16	36
180L	4-8	279	70	355	355	279	355	121	48	110	14	51.5	9	180	22	480	15	765	315	295	18	300	250	350	19	5	M16	36
200L	2-8	318	70	390	395	305	395	133	55	110	16	59	10	200	25	610	19	815	365	404	20	350	300	400	19	5	M20	39
225S	4-8	356	75	435	440	286	380	149	60	140	18	64	11	225	28	650	19	845	395	421	20	400	350	450	19	5	M20	39
225M	2	356	75	435	440	311	405	149	55	110	16	59	10	225	28	650	19	840	365	421	20	400	350	450	19	5	M20	39
225M	4-8	356	75	435	440	311	405	149	60	140	18	64	11	225	28	650	19	870	395	421	20	400	350	450	19	5	M20	39
250M	2	406	80	490	515	349	475	168	60	140	18	64	11	250	30	700	24	970	420	447	22	500	450	550	19	5	M20	39
250M	4-8	406	80	490	515	349	475	168	65	140	18	69	11	250	30	700	24	970	420	447	22	500	450	550	19	5	M20	39
280S	2	457	85	550	555	368	490	190	65	140	18	69	11	280	35	750	24	1030	450	470	22	500	450	550	19	5	M20	39
280S	4-8	457	85	550	555	368	490	190	75	140	20	79.5	12	280	35	750	24	1030	450	470	22	500	450	550	19	5	M20	39
280M	2	457	85	550	555	419	540	190	65	140	18	69	11	280	35	750	24	1080	450	470	22	500	450	550	19	5	M20	39
280M	4-8	457	85	550	555	419	540	190	75	140	20	79.5	12	280	35	750	24	1080	450	470	22	500	450	550	19	5	M20	39
315S	2	508	120	640	630	406	575	216	65	140	18	69	11	315	45	1010	28	1240	440	685	24	600	550	660	24	6	M20	42
315S	4-8	508	120	640	630	406	575	216	80	170	22	85	14	315	45	1010	28	1240	470	685	24	600	550	660	24	6	M20	42
315M	2	508	120	640	630	457	685	216	65	140	18	69	11	315	45	1010	28	1380	440	685	24	600	550	660	24	6	M20	42
315M	4-8	508	120	640	630	457	685	216	80	170	22	85	14	315	45	1010	28	1380	470	685	24	600	550	660	24	6	M20	42
315L	2	508	120	640	630	508	685	216	65	140	18	69	11	315	45	1010	28	1380	440	685	24	600	550	660	24	6	M20	42
315L	4-8	508	120	640	630	508	685	216	80	170	22	85	14	315	45	1010	28	1380	470	685	24	600	550	660	24	6	M20	42
355M	2	610	120	735	710	560	755	254	70	140	20	74.5	12	355	52	1080	35	1550	470	695	25	600	680	800	24	6	M20	42
355M	4-6	610	120	735	710	560	755	254	100	210	28	106	16	355	52	1080	35	1620	540	695	25	600	680	800	24	6	M24	47
355L	2	610	120	735	710	630	755	254	70	140	20	74.5	12	355	52	1080	35	1550	470	695	25	600	680	800	24	6	M20	42
355L	4-6	610	120	735	710	630	755	254	100	210	28	106	16	355	52	1080	35	1620	540	695	25	600	680	800	24	6	M24	47

Dimension Drawing



IMB14 (IM3601)



IMB34 (IM2101)

Type	Poles	A	AA	AB	AC	B	BB	C	D	E	F	GA	GD	H	HA	HD	K	L	LD	AD	LA	HE	DB	EG
80M	2-8	125	35	160	165	100	135	50	19	40	6	21.5	6	80	12	260	10	340	155	145	9	200	M6	16
90S	2-8	140	35	175	180	100	140	56	24	50	8	27	7	90	12	275	10	355	165	150	10	200	M8	19
90L	2-8	140	35	175	180	125	165	56	24	50	8	27	7	90	12	275	10	380	165	150	10	200	M8	19
100L	2-8	160	40	200	205	140	180	63	28	60	8	31	7	100	14	300	12	450	190	175	11	270	M10	22
112M	2-8	190	50	235	225	140	190	70	28	60	8	31	7	112	15	320	12	490	205	185	11	278	M10	22
132S	2-8	216	55	270	265	140	205	89	38	80	10	41	8	132	18	360	12	485	205	220	15	320	M12	28
132M	2-8	216	55	270	265	178	240	89	38	80	10	41	8	132	18	360	12	520	225	220	15	320	M12	28
160M	2-8	254	60	325	330	210	270	108	42	110	12	45	8	160	22	450	15	650	305	285	20	400	M16	36
160L	2-8	254	60	325	330	254	315	108	42	110	12	45	8	160	22	450	15	690	305	285	20	400	M16	36

Type	Poles	size	P	M	N	S	T
80M	2-8	C120	120	100	80	M6	3
80M	2-8	C160	160	130	110	M8	3.5
90S	2-8	C140	140	115	95	M8	3
90S	2-8	C160	160	130	110	M8	3.5
90L	2-8	C140	140	115	95	M8	3
90L	2-8	C160	160	130	110	M8	3.5
100L	2-8	C160	160	130	110	M8	3.5
100L	2-8	C200	200	165	130	M10	3.5
112M	2-8	C160	160	130	110	M8	3.5
112M	2-8	C200	200	165	130	M10	3.5
132S	2-8	C200	200	165	130	M10	3.5
132M	2-8	C200	200	165	130	M10	3.5
160M	2-8	C250	250	215	180	M12	4
160L	2-8	C250	250	215	180	M12	4

Chines & International Specifications of Explosion

Location	Code of Standard		
	GB1336-77	GB3836.1-2-IEC60079-1	CENELEC EN60079-1
	flameproof class		
For Mines	KB	d I	d I
For other Industries	B1	d II A	d II A
	B2	d II A	d II A
	B3	d II B	d II B
	B4	d II C	d II C

To Show the Group of Enclosures Suitable For a Particular Flammable Gas or Vapour and Its Classification

Group of enclosure	Temp.class				
	T1	T2	T3	T4	T6
	Flammable gas or vapour				
I	Methane Ammonia Acetic acid	Butyl alcohol Acetic anhydride	Cyclohexane		
II A	Ethane Propane Acetone Styrene Benzene Chlorlbenzene Methanol Toluene Carbonmonoxide	Butane Ethanol Propene n-Butyl acetate Amyl acetate Chloroethyhlene Ethyl acetate	Pentane Hexane Heptane Octane Decane Hydrosulxide Gasoline	Ether Acetaldeh yde	
II B	Hydrogen cyanide Coal gas	Ethylene oxide Butadiene 1,4-dioxan Ethyene	Isopentylens Dimethylether Butenal Ethanethiol	Ethyl methyl ether Ethyl oxide Butyl oxide Tetrafluoroethylene	
II C	Water gas Hydrogen	Acetylene			Carbon disulfide

Specifications of Ignition Group for Flameproof Motors

GB3836.1、IEC60079-0、EN60079-0	
Ignition group	Ignition temperature
T1	450
T2	300
T3	200
T4	135
T5	100
T6	85

Selection of Flameproof Motors from Type of Enclosure and Temp.Class

Selection of a motor should be according to the group of explosive mixture and the temp.class.existed in the location. if the location containes several groups of explosive mixtures, the selection should be according to the highest group and temp.class.
I :Suitable for underground coal mines and locations where explosive mixtures classified in group exist.
II A T4: Suitable for factory where explosive gas atmosphere in Group II A and temp.classes T1-T4 exist.
II B T4: Suitable for factory where explosive gas atmosphere in Group II B and temp.classes T1-T4 exist.
II C T4: Suitable for factory where explosive gas atmosphere in Group II C and temp.classes T1-T4 exist.

Ex Certificate(ATEX)

ATEX Certificate No.	Marking	Covered product range	Rated voltage
LCIE 04 ATEX6095	Ex d II C T1 to T5 CE 0081 Ex II 2G	M2JA80M2,4,6A M2JA80M2,4,6B	220~240V, 380~420V, 50Hz 440~480V, 60Hz
LCIE 04 ATEX6096		M2JA90S2,4,6A M2JA90L2,4,6A	
LCIE 04 ATEX6097		M2JA100L2,4,6,8A M2JA100L4,8B	
LCIE 04 ATEX6098		M2JA112M2,4,6,8A	220~240V, 380~420V, 660~690V, 50Hz 440~480V, 60Hz
LCIE 04 ATEX6099		M2JA132S2,4,6,8A M2JA132S2B M2JA132M4,6,8A M2JA132M6B	
LCIE 04 ATEX6100		M2JA160M2,4,6,8A M2JA160M2,8B M2JA160L2,4,6,8A	
LCIE 04 ATEX6101		M2JA180M2,4A M2JA180L4,6,8A	
LCIE 04 ATEX6102		M2JA200L2,4,6,8A M2JA200L2,6B	
LCIE 04 ATEX6103		M2JA225S4,8A M2JA225M2,4,6,8A	380~420V, 660~690V, 50Hz 440~480V, 60Hz
LCIE 04 ATEX6104		M2JA250M2,4,6,8A	
LCIE 04 ATEX6105		M2JA280S2,4,6,8A M2JA280M2,4,6,8A	
LCIE 04 ATEX6106		M2JA315S2,4,6,8A M2JA315M2,4,6,8A M2JA315L2,4,6,8A M2JA315L2,4,6,8B	
LCIE 04 ATEX6107		M2JA355M2,4,6A M2JA355M6B M2JA355L2,4,6A	

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