

MBRM

Backward impeller, dusty air



MANUFACTURING FEATURES

- Rolling steel sheet housing.
- Fully welded or joined housing.
- High efficiency single inlet and backward curved impeller, made of Fe360 sheet statically and dynamically balanced.
- The fan paint finish is based on a Qualicoat polyester powder coating stoved at 200°C, with an average film thickness of 70 microns. Average heat resistance of coating is 180°C with peaks of 200°C.
- Impellers are painted with epoxy primer that resists temperatures up to 300°C.
- Standard asynchronous squirrel-cage motor with IP-55 protection and rated class F insulation. Manufactured with standard voltages: 230V 50Hz for single phase motors, 230/400V 50Hz for three phase, motors up to 4kW and 400/690V 50Hz for higher powers.
- Standard orientation LG270.
- Allows you to vary the orientation locally at models from 250 to 630. In sizes ranging from 710 to 1400, the orientation is fixed.

APPLICATIONS

- Designed for inline installation, they are suitable for:
- Industrial applications, air extraction or injection.
 - Cooling of machines and parts.
 - Transport of dusty air and small loads of pellet materials.
 - Exhaust after filters, separators and cyclones.
 - Pneumatic transport.
 - Maximum working temperature: carried air 130°C; environment: 60°C.

UNDER REQUEST

- 2 speed motors.
- Spark-proof fans with ATEX certified motor. Other ATEX classifications: contact us.
- Fans for air working temperatures up to 250°C (depending on the model).
- Hot-dipped galvanised or stainless steel fans.
- Orientations: RD0, RD45, RD90, RD135, RD180, RD225, RD270, RD315, LG0, LG45, LG90, LG135, LG180, LG225, LG315.



INT



SFC



JE45



EI



RA



AC



BA-400



BAD



SIL-C

ACCESSORIES

THREE PHASE RANGE

Code	Model	Rated R.P.M.	Rated current (A)		Rated Power kW	Air flow m ³ /h	Sound dB (A)	Weight Kg
			230V	400V				
501802213	MBRM 220 T2 0,18kW	2820	0,91	0,53	0,18	790	64	18
501802514	MBRM 251 T2 0,25kW	2820	1,17	1,68	0,25	1.080	65	24
501802515	MBRM 252 T2 0,37kW	2820	1,65	0,95	0,37	1.370	67	26
501802816	MBRM 281 T2 0,55kW	2850	2,33	1,35	0,55	1.620	69	30
501802817	MBRM 282 T2 0,75kW	2850	3,03	1,75	0,75	1.800	70	35
501803118	MBRM 311 T2 1,1kW	2920	4,42	2,55	1,10	2.520	72	42
501803119	MBRM 312 T2 1,5kW	2920	6,01	3,48	1,50	2.520	73	45
501803519	MBRM 351 T2 1,5kW	2920	6,01	3,48	1,50	2.160	76	66
501803527	MBRM 352 T2 2,2kW	2920	8,61	4,98	2,20	3.960	78	70
501804029	MBRM 401 T2 3kW	2940	11,10	6,40	3,00	5.400	80	85
501804032	MBRM 402 T2 4kW	2940	14,20	8,20	4,00	6.120	81	93
501804534	MBRM 451 T2 5,5kW	2940	-	11,00	5,50	7.920	84	115
501804536	MBRM 452 T2 7,5kW	2940	-	15,00	7,50	7.920	85	118
501805021	MBRM 501 T2 11kW	2950	-	19,80	11,00	10.800	89	175
501805024	MBRM 502 T2 15kW	2950	-	26,60	15,00	10.800	89	180
501805626	MBRM 561 T2 18,5kW	2960	-	32,00	18,50	16.200	91	220
501805628	MBRM 562 T2 22kW	2960	-	39,00	22,00	16.200	92	276
501805045	MBRM 503 T4 1,1kW	1420	4,74	2,75	1,10	4.680	68	100
501805046	MBRM 504 T4 1,5kW	1420	6,31	3,65	1,50	5.400	69	106
501805654	MBRM 563 T4 2,2kW	1420	8,06	5,00	2,20	7.200	71	128
501805656	MBRM 564 T4 3kW	1420	11,70	6,80	3,00	7.920	72	136
501806359	MBRM 631 T4 4kW	1440	15,20	8,80	4,00	10.080	75	190
501806361	MBRM 632 T4 5,5kW	1460	-	12,00	5,50	10.800	78	205
501807163	MBRM 711 T4 7,5kW	1460	-	15,00	7,50	14.400	79	287
501807149	MBRM 712 T4 11kW	1460	-	20,90	11,00	18.000	81	338
501808052	MBRM 801 T4 15kW	1460	-	27,90	15,00	21.600	83	504
501808053	MBRM 802 T4 18,5kW	1460	-	33,00	18,50	25.200	84	512
501809057	MBRM 901 T4 30kW	1465	-	53,20	30,00	32.400	86	684
501809058	MBRM 902 T4 37kW	1470	-	66,70	37,00	32.400	87	767
501810060	MBRM 1001 T4 45kW	1470	-	78,60	45,00	43.200	90	963
501810062	MBRM 1002 T4 55kW	1485	-	96,20	55,00	46.800	91	1081
501811264	MBRM 1121 T4 75kW	1490	-	130,00	75,00	61.200	93	1445
501811266	MBRM 1122 T4 90kW	1490	-	154,80	90,00	68.400	94	1486
501808083	MBRM 803 T6 4kW	955	16,30	9,40	4,00	14.400	73	391
501808085	MBRM 804 T6 5,5kW	960	-	12,42	5,50	16.200	74	395
501809087	MBRM 903 T6 7,5kW	970	-	16,10	7,50	21.600	76	511
501809075	MBRM 904 T6 11kW	970	-	22,40	11,00	21.600	77	531
501810076	MBRM 1003 T6 15kW	980	-	29,40	15,00	28.800	79	743
501810077	MBRM 1004 T6 18,5kW	985	-	34,80	18,50	32.400	80	850
501811279	MBRM 1123 T6 22kW	985	-	41,40	22,00	39.600	82	955
501811281	MBRM 1124 T6 30kW	985	-	55,40	30,00	46.800	83	1156
501812582	MBRM 1251 T6 37kW	990	-	67,40	37,00	54.000	86	1430
501812584	MBRM 1252 T6 45kW	990	-	80,60	45,00	61.200	87	1915
501814086	MBRM 1401 T6 55kW	990	-	97,00	55,00	76.500	86	1850
501814088	MBRM 1402 T6 75kW	995	-	133,50	75,00	86.400	91	2346