

CENTRIFUGAL MEDIUM PRESSURE FANS

MBC

Forward impeller, cubic casing



MANUFACTURING FEATURES

- Reinforced rolling steel sheet housing completely welded with epoxy powder finishing coat.
- Simple inlet forward curved reinforced impeller made of galvanized sheet.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.
- Default assembly orientation is LG270.

APPLICATIONS

Designed for inline installation, they are suitable for:

- Hot air exhaust in ovens or facilities with high temperatures.
- Clean air transport.
- Maximum working temperature: carried air up to 250°C; environment: single phase 50°C, three phase 60°C.

UNDER REQUEST

- 2 speed motors.
- Orientations: LG0, LG90, LG180.



ACCESSORIES

INT

SFC

RA

EI

JE45

SIL-C

AC

BA-400

BAD

SINGLE PHASE RANGE

Code	Model	Rated R.P.M.	Rated current 230V (A)	Rated Power kW	Air flow m ³ /h	Sound dB (A)	Weight Kg
253310143	MBC 25/10 M4 1,1kW	1400	7,45	1,10	2.530	70	63
253300143	MBC 25/10 M6 0,55kW	900	3,84	0,55	1.670	62	61
253380143	MBC 28/11 M6 0,75kW	900	4,97	0,75	2.300	60	67

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				
253280146	MBC 25/10 T2 2,2kW	2800	8,61	4,98	2,20	2.550	70	65
253290146	MBC 25/10 T2 3kW	2870	11,10	6,40	3,00	3.700	78	66
253310146	MBC 25/10 T4 1,1kW	1400	4,74	2,75	1,10	2.530	70	64
253300146	MBC 25/10 T6 0,55kW	900	2,85	1,65	0,55	1.670	62	63
253360146	MBC 28/11 T2 4kW	2890	14,20	8,20	4,00	3.800	81	66
253370146	MBC 28/11 T4 2,2kW	1430	8,06	5,00	2,20	3.485	82	70
253380146	MBC 28/11 T6 0,75kW	910	4,00	2,30	0,75	2.300	60	69
253460146	MBC 31/12 T4 3kW	1430	11,70	6,80	3,00	6.150	72	72
253430146	MBC 31/12 T6 1,5kW	940	6,90	4,00	1,50	4.060	66	71
253480146	MBC 35/14 T4 3kW	1430	11,70	6,80	3,00	6.500	78	75
253490146	MBC 35/14 T4 5,5kW	1440	-	12,00	5,50	8.285	79	78
253470146	MBC 35/14 T6 1,5kW	940	6,90	4,00	1,50	5.165	70	77
253510146	MBC 40/16 T4 5,5kW	1440	-	12,00	5,50	9.000	78	87
253520146	MBC 40/16 T4 7,5kW	1440	-	15,00	7,50	11.500	79	89
253500146	MBC 40/16 T6 2,2kW	940	9,70	5,60	2,20	7.150	71	86
253530146	MBC 45/18 T4 5,5kW	1440	-	12,00	5,50	8.500	80	91
253540146	MBC 45/18 T4 7,5kW	1440	-	15,00	7,50	9.500	82	93
253560146	MBC 45/18 T6 2,2kW	940	9,70	5,60	2,20	6.800	76	90