

CENTRIFUGAL MEDIUM PRESSURE FANS

MBRC

Backward impeller, cubic casing



MANUFACTURING FEATURES

- Reinforced rolling steel sheet housings completely welded (internally and externally) with epoxy powder finishing coat.
- Reinforced high efficiency backward curved impeller.
- 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.
- Standard orientation LG270.

APPLICATIONS

Designed for inline installation, they are suitable for:

- Hot air exhaust in ovens or facilities with high temperatures.

- Clean and slightly dusty 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



EI



JE45



RA



AC



BA-400



BAD



SIL-C

SINGLE PHASE RANGE

Code	Model	Rated R.P.M.	Rated current (A) 230V	Rated Power kW	Air flow m ³ /h	Sound dB (A)	Weight Kg
243400143	MBRC 40/12 M4 0,75kW	1400	5,45	0,75	5.640	72	71
243450143	MBRC 45/14 M4 1,1kW	1400	7,45	1,10	7.000	73	90
243510143	MBRC 50/16 M4 1,5kW	1400	9,83	1,50	9.500	76	74
243500143	MBRC 50/16 M6 0,75kW	900	4,97	0,75	7.100	70	69

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				
243310146	MBRC 31/10 T2 1,1kW	2800	4,42	2,55	1,10	4.800	81	65
243350146	MBRC 35/11 T2 2,2kW	2800	8,61	4,98	2,20	6.660	85	77
243410146	MBRC 40/12 T2 3kW	2870	11,10	6,40	3,00	8.500	85	82
243400146	MBRC 40/12 T4 0,75kW	1400	3,48	2,01	0,75	5.640	72	71
243450146	MBRC 45/14 T4 1,1kW	1400	4,74	2,75	1,10	7.000	73	90
243510146	MBRC 50/16 T4 1,5kW	1400	6,31	3,65	1,50	9.500	76	74
243500146	MBRC 50/16 T6 0,75kW	910	4,00	2,30	0,75	7.100	70	69
243570146	MBRC 56/18 T4 3kW	1430	11,70	6,80	3,00	13.500	80	97
243560146	MBRC 56/18 T6 1,5kW	940	6,90	4,00	1,50	9.500	70	89
243650146	MBRC 63/20 T4 5,5kW	1440	-	12,00	5,50	19.000	83	155
243640146	MBRC 63/20 T6 1,5kW	940	6,90	4,00	1,50	12.000	72	113
243730146	MBRC 71/22 T4 7,5kW	1440	-	15,00	7,50	25.500	85	256
243720146	MBRC 71/22 T6 3kW	960	12,40	7,20	3,00	17.000	77	205