

# CENTRIFUGAL MEDIUM PRESSURE DIRECT FAN

## MBPC

Forward impeller, anticorrosive plastic material



### MANUFACTURING FEATURES

- PE plastic housing.
- Forward curved impeller in PP plastic.
- Motor support made of rolled steel sheet with epoxy powder finishing coat.
- Stainless steel nuts and bolts.
- Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz.
- Standard orientation: LG270.



### APPLICATIONS

Designed for inline installation, they are suitable for:

- Corrosive air transport.
- Chemical and petrochemical industry.
- Laboratories and gas cabinets.
- Maximum working temperature: 50°C.

### UNDER REQUEST

- Single phase motors (up to 1,5kW).
- 2 speed motors.
- Motors with PTC/PTO temperature probes.
- Stainless steel motor support.
- Casing made of PP.
- Orientation: RD0, RD45, RD90, RD135, RD180, RD225, RD270, RD315, LG0, LG45, LG90, LG135, LG180, LG225, LG315.

## ACCESSORIES



**INT** pg. 312  
Safety switch



**SFC** pg. 311  
Frequency speed controller



**BA-400** pg. 299  
Flexible flange  
400°C/2H



**JE 45** pg. 300  
Flexible joint

## THREE PHASE RANGE

Code	Model	Rated R.P.M.	Rated curr. (A)		Rated Power kW	Air flow m <sup>3</sup> /h	Sound dB (A)	Weight Kg
			230V	400V				
502302014	MBPC 20 T2 0,25kW	2850	1,12	0,65	0,25	620	68	9
502302517	MBPC 25 T2 0,75kW	2850	2,9	1,67	0,75	1.230	74	13
502302818	MBPC 28 T2 1,1kW	2850	4,42	2,55	1,1	1.700	78	19
502303119	MBPC 31 T2 1,5kW	2850	6,01	3,48	1,5	2.710	83	26
502303527	MBPC 35 T2 2,2kW	2850	8,61	4,98	2,2	2.710	81	50
502302039	MBPC 20 T4 0,12kW	1370	0,8	0,46	0,12	320	52	9
502302540	MBPC 25 T4 0,18kW	1370	1,07	0,62	0,18	630	58	10
502302840	MBPC 28 T4 0,18kW	1370	1,07	0,62	0,18	870	62	14
502303141	MBPC 31 T4 0,25kW	1400	1,38	0,79	0,25	1.520	67	19
502303542	MBPC 35 T4 0,37kW	1450	1,86	1,07	0,37	2.110	65	40
502304044	MBPC 40 T4 0,75kW	1410	3,5	2	0,75	2.560	70	33
502304545	MBPC 45 T4 1,5kW	1450	6,31	3,65	1,5	3.900	72	65
502305054	MBPC 50 T4 2,2kW	1450	8,06	5	2,2	5.250	75	100
502305661	MBPC 56 T4 5,5kW	1450	-	12	5,5	8.990	77	115
502303167	MBPC 31 T6 0,12kW	930	1,08	0,62	0,12	1.000	57	19
502304069	MBPC 40 T6 0,25kW	920	1,61	0,92	0,25	1.680	58	30
502305072	MBPC 50 T6 0,75kW	900	3,79	2,18	0,75	3.440	64	90
502305678	MBPC 56 T6 2,2kW	900	9,7	5,6	2,2	5.900	67	95