

CENTRIFUGAL MEDIUM PRESSURE FANS

MBCA

Forward impeller



MANUFACTURING FEATURES

- Fan made of Fe360 sheet.
- 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.
- Single inlet forward curved impeller made of Fe360 sheet statically and dynamically balanced.
- Impellers are painted with epoxy primer that resists temperatures up to 300°C.
- Squirrel cage asynchronous standard motor, IP-55 protection and rated class F insulation.
- Standard voltages 230/400V 50Hz up to 4kW, and 400/690V 50Hz for higher powers.
- Standard orientation LG270.
- It allows adjusting the orientation locally from models 180 to 630. Models sizes from 710 to 1000 size the orientation is fixed.

APPLICATIONS

- Designed for inline installation, they are suitable for:
- Industrial applications, air extraction or injection.
 - Cooling of machines and parts.
 - Clean air transport.
 - Aspiration of vapors in places where moving large volumes of air at low pressures.
 - 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 high 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.



ACCESSORIES

THREE PHASE RANGE

Code	Model	Rated R.P.M.	Rated current (A)		Rated Power kW	Air flow m³/h	Sound dB (A)	Weight Kg
			230V	400V				
501401816	MBCA 180 T2 0,55kW	2855	2,33	1,35	0,55	1.225	74	19
501401818	MBCA 180 T2 1,1kW	2855	4,42	2,55	1,10	1.800	76	25
501402018	MBCA 200 T2 1,1kW	2855	4,42	2,55	1,10	1.800	78	27
501402027	MBCA 200 T2 2,2kW	2920	8,61	4,98	2,20	2.880	79	33
501402219	MBCA 220 T2 1,5kW	2920	6,01	3,48	1,50	2.160	80	32
501402229	MBCA 220 T2 3kW	2950	11,10	6,40	3,00	3.960	81	41
501402529	MBCA 250 T2 3kW	2950	11,10	6,40	3,00	3.240	87	51
501402532	MBCA 250 T2 4kW	2950	14,20	8,20	4,00	4.680	89	60
501402834	MBCA 280 T2 5,5kW	2900	-	11,00	5,50	4.680	90	82
501402836	MBCA 280 T2 7,5kW	2930	-	15,00	7,50	6.120	63	90
501402240	MBCA 220 T4 0,18kW	1350	1,12	0,65	0,18	1.225	63	26
501402242	MBCA 220 T4 0,37kW	1370	1,94	1,12	0,37	1.800	64	28
501402542	MBCA 250 T4 0,37kW	1400	1,94	1,12	0,37	1.800	66	30
501402543	MBCA 250 T4 0,55kW	1400	2,69	1,56	0,55	2.520	68	33
501402844	MBCA 280 T4 0,75kW	1395	3,48	2,01	0,75	2.520	70	40
501402845	MBCA 280 T4 1,1kW	1415	4,74	2,75	1,10	3.600	70	42
501403146	MBCA 310 T4 1,5kW	1420	6,31	3,65	1,50	3.960	73	50
501403154	MBCA 310 T4 2,2kW	1420	8,06	5,00	2,20	5.400	74	58
501403554	MBCA 350 T4 2,2kW	1420	8,06	5,00	2,20	5.400	74	66
501403556	MBCA 350 T4 3kW	1440	11,70	6,80	3,00	7.200	76	66
501403559	MBCA 350 T4 4kW	1460	15,20	8,80	4,00	7.920	77	76
501404061	MBCA 400 T4 5,5kW	1460	-	12,00	5,50	7.920	78	100
501404063	MBCA 400 T4 7,5kW	1460	-	15,00	7,50	10.800	81	108
501404563	MBCA 450 T4 7,5kW	1460	-	15,00	7,50	10.080	82	112
501404552	MBCA 450 T4 15kW	1470	-	27,90	15,00	18.000	82	170
501405052	MBCA 500 T4 15kW	1470	-	27,90	15,00	16.200	83	200
501405055	MBCA 500 T4 22kW	1470	-	38,50	22,00	21.600	85	272
501405655	MBCA 560 T4 22kW	1470	-	38,50	22,00	21.600	87	313
501405658	MBCA 560 T4 37kW	1470	-	66,70	37,00	32.400	89	497
501403170	MBCA 310 T6 0,37kW	935	-	1,23	0,37	2.160	89	43
501403171	MBCA 310 T6 0,55kW	935	-	1,65	0,55	3.240	90	44
501403572	MBCA 350 T6 0,75kW	935	2,13	2,30	0,75	3.960	63	56
501403573	MBCA 350 T6 1,1kW	950	2,85	3,20	1,10	5.400	64	59
501404074	MBCA 400 T6 1,5kW	950	4,00	4,00	1,50	5.400	66	82
501404078	MBCA 400 T6 2,2kW	950	5,50	5,60	2,20	7.920	68	90
501404580	MBCA 450 T6 3kW	960	6,90	7,20	3,00	9.000	68	112
501405083	MBCA 500 T6 4kW	960	9,70	9,40	4,00	9.000	71	153
501405085	MBCA 500 T6 5,5kW	965	12,40	12,42	5,50	10.800	73	153
501405687	MBCA 560 T6 7,5kW	970	16,30	16,10	7,50	16.200	74	221
501405675	MBCA 560 T6 11kW	980	16,30	22,40	11,00	21.600	78	233
501406375	MBCA 630 T6 11kW	980	-	22,40	11,00	19.800	80	243
501406377	MBCA 630 T6 18,5kW	980	-	34,80	18,50	28.800	81	400
501407179	MBCA 710 T6 22kW	980	-	41,40	22,00	28.800	82	503
501407182	MBCA 710 T6 37kW	980	-	67,40	37,00	43.200	81	670
501408082	MBCA 800 T6 37kW	980	-	67,40	37,00	39.600	82	703
501408086	MBCA 800 T6 55kW	980	-	97,00	55,00	61.200	81	958
501409101	MBCA 900 T8 45kW	730	-	86,90	45,00	61.200	82	1012
501409102	MBCA 900 T8 55kW	735	-	103,50	55,00	75.600	81	1152
501410102	MBCA 1000 T8 55kW	735	-	103,50	55,00	68.400	82	1300
901410103	MBCA 1000 T8 75kW	735	-	138,90	75,00	90.000	81	1350