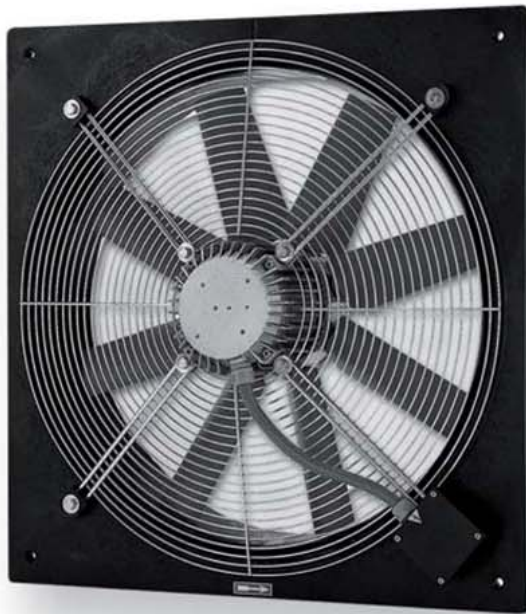


PLATED WALL TYPE AXIAL FAN WITH COMPACT MOTOR



GMC AXF-604:

Plate mounted axial fan with compact motor
The range consists of 8 sizes with impeller diameter from 300 up to 700 mm

Application

- AXF-604 fans are ideal for large capacities with low pressures, in applications for wall or panel fixing f.e. ventilation of industrial and commercial buildings, car parks, stockfarms, or in the cooling of electric and refrigerating equipments, etc.

Construction

- Supporting frame with wide shaped inlet in corrosion proof material or protected against the atmospheric agents
- Motors support and safety grid, in steel rod, manufactured in accordance with UNI EN 294
- Execution 5 - impeller directly coupled to motor shaft
- Conveyed air: clean, not abrasive
- Temperature of conveyed air: -20°C / +50°C
- Air flow from motor to impeller

Fan/Impeller

- High efficiency airfoil blades in plastic material and hub in die-cast aluminum alloy
- Variable pitch angle
- Balancing according to UNI ISO 1940

Motor

- Asynchronous electric motor three or single phase with thermal protection, speed adjustable, protection IP 55, class F insulated, service S1
- Voltage: three-phase version (T) 400V-3Ph
single-phase version (M) 230V-1Ph
- Frequency: 50Hz

Features and benefits

- The main benefits of AXF-604 fans are the extreme compactness, due to the reduced protrusion of the electric motor; the perfect adjustability of speed, with reduced noise (electric hums) and consumption of current. This is due to the compact motor (without cooling fan) designed to be used exclusively in axial fans

Options

- Version with die-cast aluminum blades
- Version with air flow from impeller to motor



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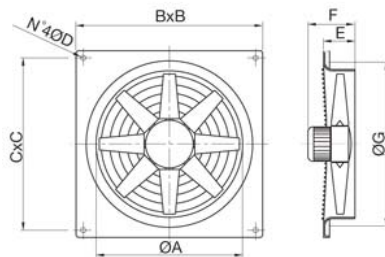


Air Flow Values

Model		Qv [m3/h]						
		0 Pa	25 Pa	50 Pa	75 Pa	100 Pa	150 Pa	200 Pa
Mk.	314M	2400	2150	1800	-	-	-	-
	354M	3500	3300	2900	-	-	-	-
	404M	5100	4850	4300	3250	-	-	-
	454M	6500	6150	5700	5000	3800	-	-
	504M	7900	7500	7000	6200	5250	-	-
	564M	11000	10400	9500	8500	7600	5300	-
	634T	13800	13000	12500	11600	11000	7900	-
	714T	16000	15700	13100	14000	13000	11000	7300
	506T	6000	5000	3700	-	-	-	-
	566T	8200	7300	5700	-	-	-	-
	636T	10500	9600	8000	5200	-	-	-
	716T	14000	12800	11200	8800	6400	-	-
	718T	10500	9000	6500	-	-	-	-

Technical specifications

Model		Poles	Phase	Kw	A	dB(A) @3m
Mk.	314 M	4	1Ph-230V	0.15	1	50
	354 M	4	1Ph-230V	0.15	1	54
	404 M	4	1Ph-230V	0.18	1.10	55
	454 M	4	1Ph-230V	0.25	1.50	58
	504 M	4	1Ph-230V	0.35	1.80	62
	564 M	4	1Ph-230V	0.55	3.60	69
	314 T	4	1Ph-230V	0.15	0.60	50
	354 T	4	3Ph-400V	0.15	0.60	54
	404 T	4	3Ph-400V	0.18	0.65	55
	454 T	4	3Ph-400V	0.25	0.85	58
	504 T	4	3Ph-400V	0.35	1.10	62
	564 T	4	3Ph-400V	0.55	1.90	69
	634 T	4	3Ph-400V	0.90	2.30	72
	714 T	4	3Ph-400V	1.10	2.80	73
	506 T	6	3Ph-400V	0.18	0.80	53
	566 T	6	3Ph-400V	0.25	1	60
	636 T	6	3Ph-400V	0.37	1.30	62
	716 T	6	3Ph-400V	0.55	1.70	64
	718 T	8	3Ph-400V	0.28	1.30	58



Dimensional data

	OA [mm]	BxB [mm]	CxC [mm]	OD [mm]	E [mm]	F [mm]	OG [mm]	Kg
31	310	390	350	10	110	170	365	6
35	360	440	400	10	110	170	410	6
40	410	500	450	10	110	170	465	7
45	460	560	510	10	110	175	510	9
50	510	650	580	10	110	175	570	10
56	570	700	630	10	130	210	630	16
63	640	800	730	12	130	210	700	19
71	710	850	800	12	130	220	770	20

