

# PLATED WALL TYPE AXIAL FAN

Rev.01  
27-05-2015



## GMC AXF-601:

Axial wall fan

### Application

- suitable for the ventilation of industrial stock farms, greenhouses, garages, gymnasiums, car parks

### Composition

- Supporting frame in drawn steel sheet, with wide rat in aspiration. Protected against the atmospheric agents with epoxy particle painting. With safety guard at the motor side.
- Airflow type A (from motor to impeller)
- The axial impeller with profile blades in black plastic material and hub in die-cast aluminium alloy.
- Asynchronous motor according to IEC34-IEC72
- Protection IP55 – Insulation class F
- AXF-601, Mk.200/250 IP20/44, class B
- Supply: 230Vac 1ph 50Hz or 230/400Vac 3ph 50Hz.
- The motors are suitable for speed regulation by transformer controllers

### Options

- Airflow type B (from impeller to motor)
- Explosion proof version: **AXF-601, Mk.EX**

### Accessories

- Spacer manufactured in metal sheet
- Impeller protection guard
- Gravity shutter type **VK**
- Transformer speed regulators type **BTRN**
- Frequency inverters type **ACH**

### Order example

AXF-601: Mk.500-4 + BTRN-4-4 + VK540

**Mk.500** = flange diameter

**4** = 1400 rpm, **6** = 900 rpm

**BTRN** = speed controller

**VK** = backdraught shutter



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## Air Performance Data

Model		Qv [m3/h]					
		0 Pa	25 Pa	50 Pa	75 Pa	100 Pa	150 Pa
Mk.	4-200	700	230	-	-	-	-
	4-250	1250	500	-	-	-	-
	4-315	2250	1850	900	-	-	-
	4-355	3400	3000	1600	1400	1050	-
	4-400	4900	4300	2700	2100	1750	-
	4-450	6800	6200	5600	3200	2700	-
	6-500	5800	4900	2100	-	-	-
	4-500	9000	8700	8000	7200	6000	3100
	6-560	7650	6500	3580	2250	-	-
	4-560	12500	11250	11150	10200	9000	4800
	6-630	9000	7500	5000	3500	2000	-
	4-630	14000	13000	12000	11000	9000	6000
	6-710	11250	9500	7700	4600	3300	-
4-710	17800	16800	15200	14000	13200	11000	

SC<sub>T</sub> = transformer speed controller

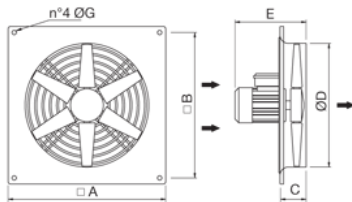
t<sub>m</sub> = maximum air temperature

t<sub>o</sub> = minimum operating temperature

Lpa = Sound pressure level

Sound pressure level Lpa measured in accordance to DIN 45635 T38

The motorspeed is not adjustable by means of an electronic controller



## Dimensions

		A [mm]	B [mm]	C [mm]	OD [mm]	E [mm]	OG [mm]	kg
Mk.	200	290	250	88	210	240	9	5
	250	340	300	88	260	240	9	7
	315	390	350	88	310	280	9	8
	355	440	400	108	360	320	9	9
	400	490	450	98	410	320	9	10
	450	540	500	98	460	340	9	14
	500	650	600	93	510	365	12	20
	560	700	630	93	570	365	12	22
	630	800	730	93	640	385	12	26
710	850	800	93	710	440	12	35	

