

**Specification of: DDM 133/190 7725A6 1F 2P 1V +FL == 6102AT**

**High performance centrifugal fan DDM**

Double width, double inlet (DWDI), direct drive, forward curved blades fan. Spot-welded scroll of galvanised steel plate. Impeller with forward curved galvanised steel plate, directly mounted on a "External Rotor" motor for no transmission losses. Closed (IP 54) frame, single-phase, voltage controllable motor, usable at 230 V, 50 Hz. With built-in thermal protection device. Maintenance free, integral vibration isolators, self aligning ball bearings. Dynamically balanced according to ISO 1940. With mounted discharge flange. Air performance ratings according to AMCA 210-99 (Fig. 12), UNI 10531 (Fig 30c and par. 29.2 f) and ISO 5801 (Fig. 69 c and par. 30.2 f)



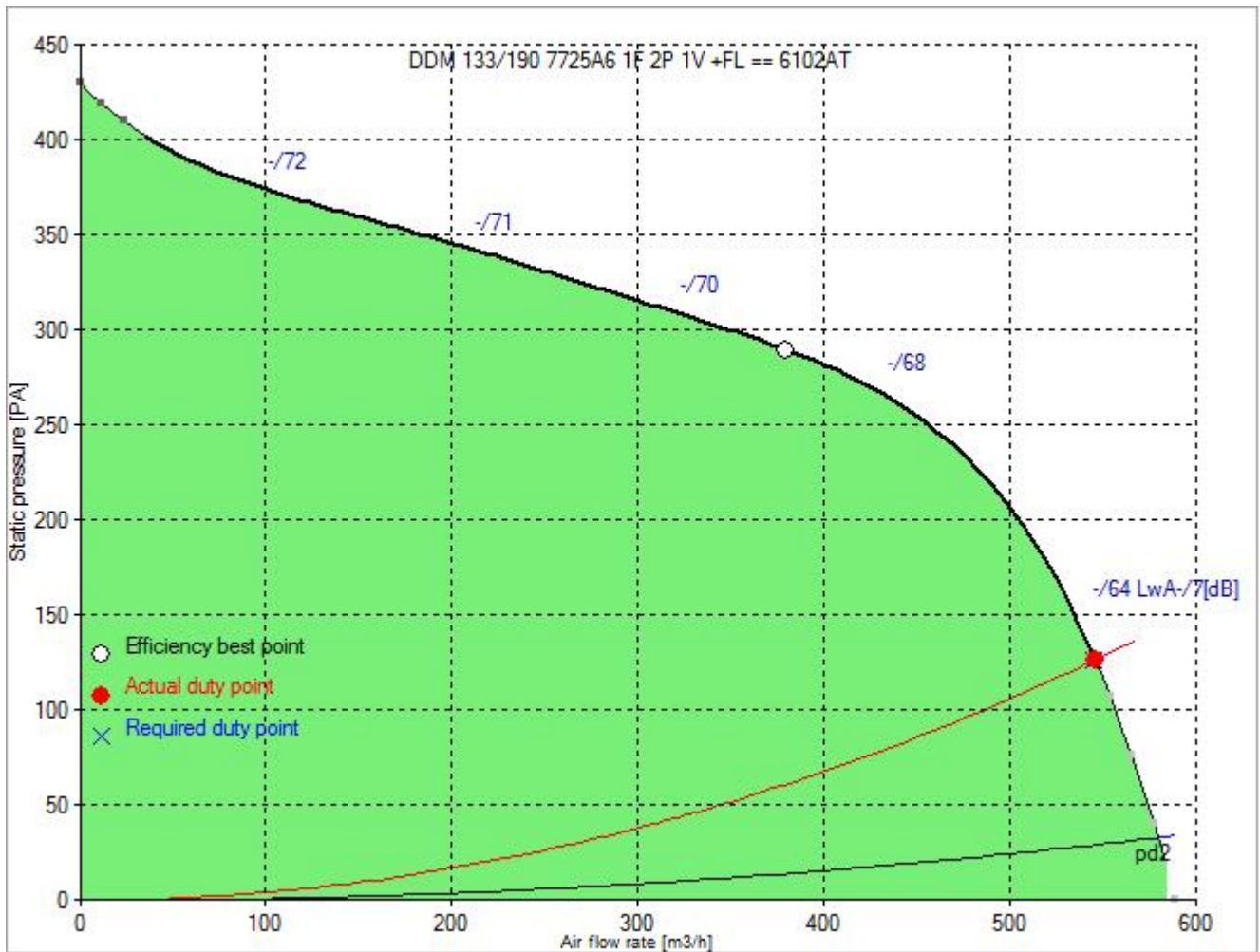
blades of

**Technical data of the fan: DDM 133/190 7725A6 1F 2P 1V +FL == 6102AT**

ErP-directive not applicable

Description	Value Dimension
<b>Specified duty point</b>	
Air flow rate (V)	545 m <sup>3</sup> /h
Static pressure rise (dp <sub>ra</sub> )	126 Pa
<b>Actual duty point</b>	
Installation acc. DIN 24163 Part 1	B
Reference density (Rho1)	1.20 kg/m <sup>3</sup>
Medium temperature (t)	20 C
Air flow rate (V)	546 m <sup>3</sup> /h
Total pressure rise (dp <sub>t</sub> )	156 Pa
Dynamic pressure at discharge (pd <sub>2</sub> )	29 Pa
Static pressure increase (dp <sub>ra</sub> )	127 Pa
fan speed (n <sub>v</sub> )	- min <sup>-1</sup>
Absorbed power (P <sub>1</sub> )	- kW
Current (I)	- A
Total system efficiency (ETA <sub>ts</sub> )	- %
Static system efficiency (ETA <sub>raS</sub> )	- %
Specific Fan Power (SFP-factor)	- W/(m <sup>3</sup> /s)
Nozzle calibration factor (K <sub>10</sub> )	- m <sup>2</sup> /h
Differential pressure on nozzle (dp <sub>D</sub> )	- Pa
Velocity at discharge area (c)	7.0 m/s
Fan weight	5 kg
A-weighted sound power level discharge/intake LwA <sub>L7</sub>	-63 dB
<b>Rated data</b>	
Phase-Voltage-Frequency	1~230-50 V-Hz
Number of poles:	2
Motor rating (P <sub>N</sub> )	0.09 kW
Max. absorbed power (P <sub>1max</sub> )	0.181 kW
Rated motor speed (n <sub>N</sub> )	2350 min <sup>-1</sup>
Rated motor current (I <sub>N</sub> )	0,79 A
Capacitor (C)	2,5 µF
Temperature range of conveying medium (t <sub>min</sub> ...t <sub>max</sub> )	-20...40 C

Fan curve to DDM 133/190 7725A6 1F 2P 1V +FL == 6102AT



Dimensions to DDM 133/190 7725A6 1F 2P 1V +FL == 6102AT

Rotation: RD  
Handing: 90

