

Oferta/Poz. /1

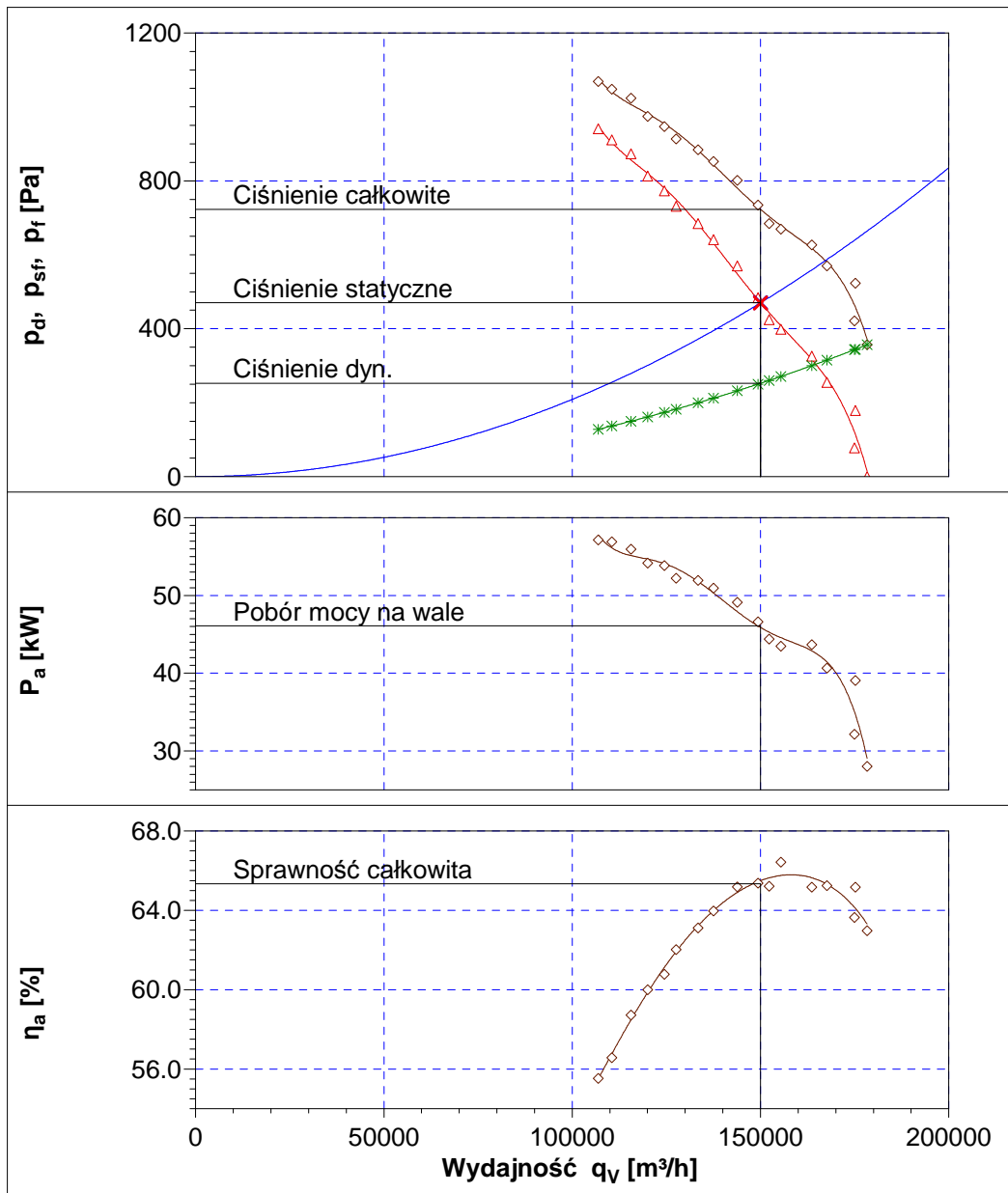
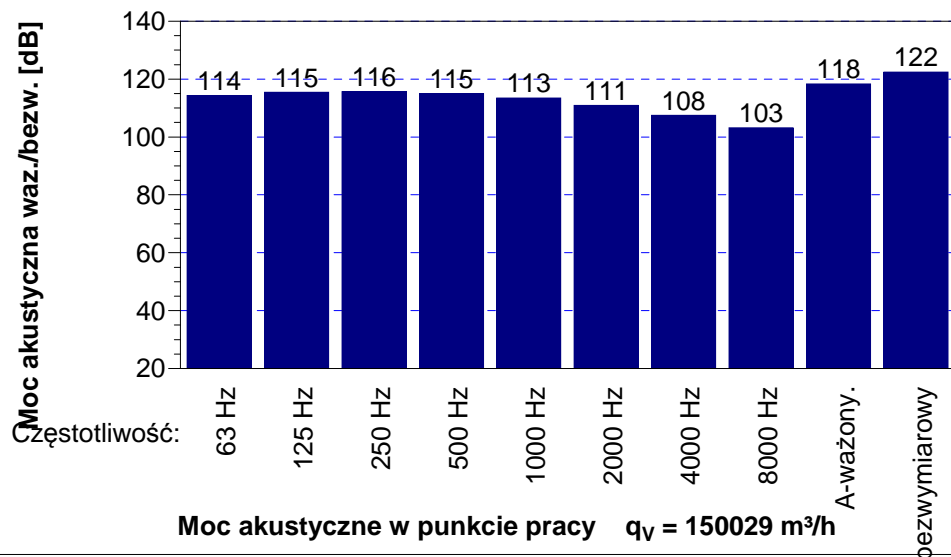
Wentylator SATM1600B38-A071A_UABS_NAI4C_D

| wylot do kanału | | 1 | 2 | 3 |
|------------------------------------|------------|--------------|---|---|
| Wydajność | m³/h | 150029 | | |
| Ciśnienie całkowite | Pa | 723 | | |
| Ciśnienie statyczne | Pa | 470 | | |
| Pobór mocy na wale | kW | 46.1 | | |
| Sprawność całkowita | % | 65.3 | | |
| Gęstość pow. dla temp. | kg/m³ - °C | 1.205 - 20 | | |
| Max. temp. - Oddymianie | °C-°C/min. | 70 - 400/120 | | |
| Kąt łopatki | ° | 24 | | |
| Obroty (FU)/Obroty max. | 1/min | 1104/1500 | | |
| Poziom ciśnienia akustycznego (3D) | dB(A)/dB | 97/101 | | |
| Moment bezwładności | kg*m² | 0.000 | | |
| Czas rozbiegu/teor. Ciąg | s/N | /1028 | | |

Typ silnika

M6

| | | |
|--------------------------------|-------|-----------|
| Moc silnika el./Moc znamionowa | kW | 52.4/55.0 |
| Prąd znamionowy | A | 99.0 |
| Obroty znamionowe | 1/min | 982 |
| Baugröße/IE-Klasse | | 280/ |
| Napięcie/Częst./Fazy | V/Hz | 400/50/3 |





Series SATM_B38

Tunnel Jet Fan, direct driven

Fan size range:
DN 560 - DN 2000

Application:
Suitable for smoke gas temperatures of 400°C/120min and for standard ventilation at 70°C.

Technical data:
 $V = 25.000$ to $318.000 \text{ m}^3/\text{h}$
Thrust max = 4644 N
P max = 190 kW

Tunnel Jet Fan, direct driven, series SATM_B38 (Smoke Axial Tunnel Motor) (VST) DN 560 - DN 2000

Suitable for smoke gas temperatures of 400°C/120min and for standard ventilation up to max. 40°C constant temperature, without function as combustible gas fan up to max. 70°C constant temperature.

Specification:

Tubular steel sheet casing with spinned or welded flanges at both ends, motor support welded to casing. Aerodynamic intake and discharge cone. Optimal surface protection by high-grade steel.

Tubular silencer fitted to the end of both casing segments equipped with full-value, abrasion resistant thermal/acoustical lining acc. to DIN 4102 and protected by a jacket of corrosion resistant stainless steel sheet or sendzimir galvanised sheet. Aerodynamic, reversible high performance impeller with hollow profile blades made of corrosion resistant stainless steel. The corrosion resistant hub is equipped with an easy to fit hub/shaft connection. Dynamically balanced acc. to DIN ISO 1940-1, class G 6.3 < 4.0 mm/s for elastic sub assembly.

3-phase IEC motor - B5/B14 (up to Ø 900) or B3 (from Ø 1000) mount specially designed for smoke extract purposes, protection IP55, isolation class H. Rating selected for cold start at 20°C. E 90 feed cable with metal jacket.

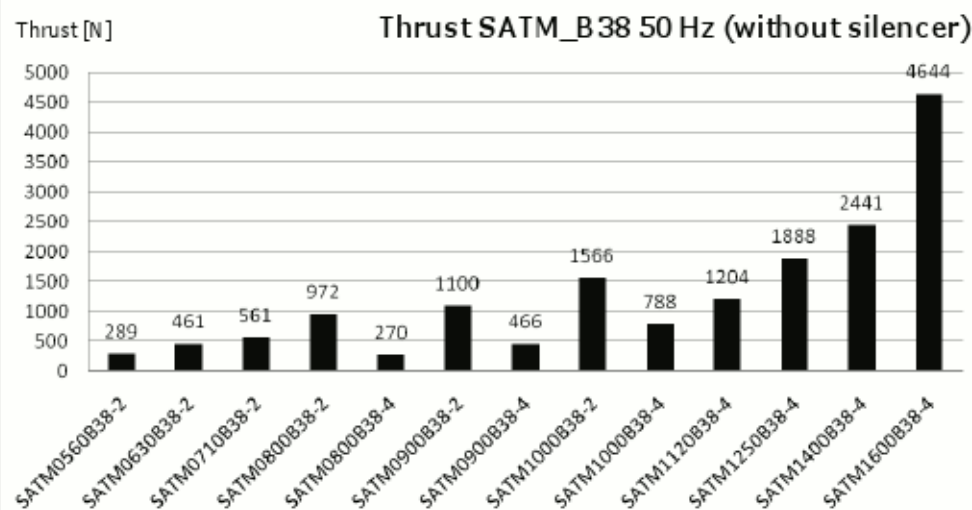
Electrical connection to external terminal box or to service switch

Tested for flammable gases according to EN12101-3
CE-Certification DN 560-2000 No.: 1511-CPD-128.
When installing, fire protection laws and regulations of the respective country must be taken into consideration.

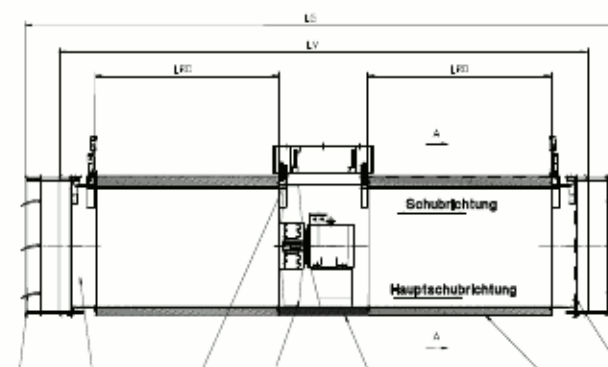
Accuracy class 3 acc. to DIN 24 166

Performance tests acc. to ISO 5801.

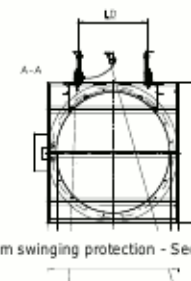
Tolerances acc. to DIN 2768.



Tunnel Jet Fan, direct driven, series SATM_B38, DN 560 - DN 2000



Accessories: Guide vanes - Intake cone - Suspension to ceiling - Fan - Thermal/acoustic fan lining - Tubular silencer - Protection grid



Pendulum swinging protection - Security suspension

| Fan Ø | 560 7-2 | 630 7-2 | 710 7-2 | 800 7-4/2 | 900 7-4/2 | 1000 7-4/2 | 1120 7-4 | 1250 7-4 | 1400 7-4 | 1600 7-4 | 1800 & 2000 |
|--|------------|------------|------------|---------------|---------------|---------------|-------------|-------------|-------------|-------------|----------------|
| Diameter D (mm) | 562 | 632 | 713 | 804 | 904 | 1005 | 1128 | 1258 | 1410 | 1610 | On request |
| External diameter B (mm) | 762 | 832 | 913 | 1004 | 1105 | 1205 | 1328 | 1458 | 1610 | 1810 | |
| Length w/o guide vanes LV (mm) | 4380 | 4600 | 4630 | 3900/ 4900 | 4000/ 5000 | 4025/ 5025 | 4750 | 4750 | 5610 | 5900 | |
| Max. Length of tubular silencer LRD (mm) | 1950 | 1950 | 1950 | 1450/ 1950 | 1450/ 1950 | 1450/ 1950 | 1700 | 1700 | 1950 | 1950 | |
| Weight (kg)* | 350 | 355 | 380 | 425/ 520 | 650/ 770 | 710/ 835 | 940 | 1030 | 1385 | 1890 | |
| Ceiling suspension (mm) | 380 | 462 | 546 | 610 | 660 | 730 | 760 | 786 | 768 | 868 | On request |
| Total length LG (mm) | 4780 | 5000 | 5030 | 4300/ 5300 | 4400/ 5400 | 4425/ 5425 | 5150 | 5150 | 6010 | 6300 | |

Dimensions and design subject to alterations

*fan-incl. Motor weight
(dependent on the motor size)

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