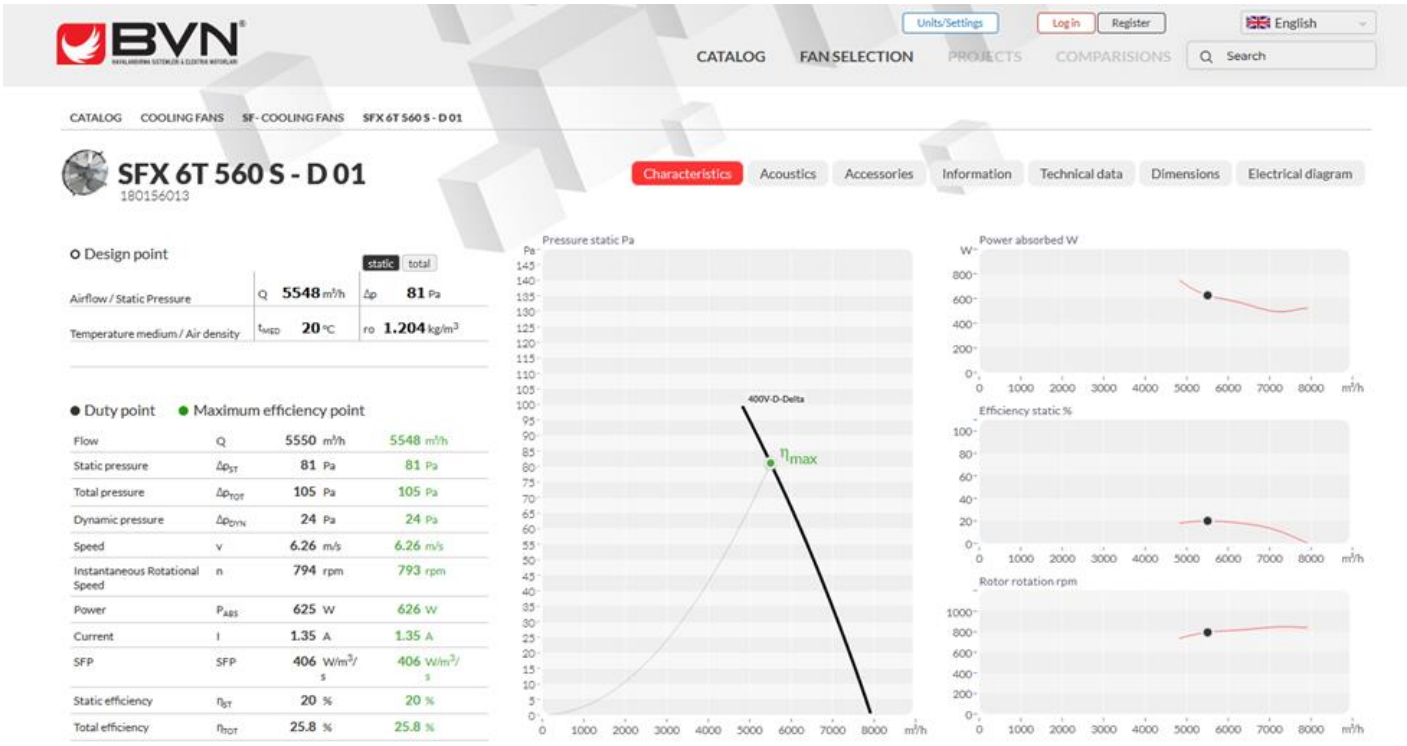
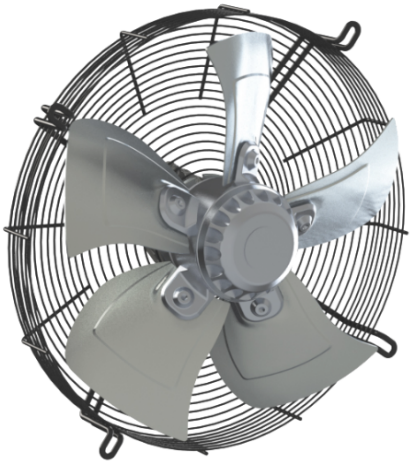

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Units/Settings
Log in
Register
English
CATALOG
FAN SELECTION
PROJECTS
COMPARISIONS
Search
CATALOG COOLING FANS SF - COOLING FANS SFX 6T 560 S - D 01
SFX 6T 560 S - D 01
180156013
Characteristics
Acoustics
Accessories
Information
Technical data
Dimensions
Electrical diagram
Design point
static
total
Airflow / Static Pressure
Q 5548 m³/h
Δp 81 Pa
Temperature medium / Air density
t MED 20 °C
ro 1.204 kg/m³
Duty point
Maximum efficiency point
Flow Q 5550 m³/h 5548 m³/h
Static pressure Δp ST 81 Pa 81 Pa
Total pressure Δp TOT 105 Pa 105 Pa
Dynamic pressure Δp DYN 24 Pa 24 Pa
Speed v 6.26 m/s 6.26 m/s
Instantaneous Rotational Speed n 794 rpm 793 rpm
Power P ABS 625 W 626 W
Current I 1.35 A 1.35 A
SFP SFP 406 W/m³/s 406 W/m³/s
Static efficiency η ST 20 % 20 %
Total efficiency η TOT 25.8 % 25.8 %
Pressure static Pa
400V-D-Delta
ηmax
Power absorbed W
Efficiency static %
Rotor rotation rpm
m³/h

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Characteristics | Acoustics | Accessories | Information | Technical data | Dimensions | Electrical diagram

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Fan Components and Material Properties
The propeller is manufactured from electrostatic powder coated sheet metal, aluminum sheet metal or composite material. Grille and wall plate electrostatic powder coated steel wire/sheet metal. The impeller is coupled directly to the motor. Protective and carrier wireframe produced in standard connection dimensions.

Speed Control
Optional control devices can be provided. 1~ phase products can be controlled with linear voltage regulator (see BSC accessory).
* In line with the demand, 3~ phase models can be produced in accordance with the inverter.

Benefits
With its blower and suction types, the SF cooling fans are designed for high performance, low noise level and long-term maintenance-free operation in a variety of applications. Speed can be adjusted with speed control devices. Impeller are designed in the most ideal angle according to their size and maximum performance is ensured.

Usage Areas
Refrigeration machines, laboratories, residences, air-conditioning outdoor units, hot and cold air appliances and industrial chillers etc. used in places.

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Technical data

Flow properties

Maximum Airflow Volume	Q_{MAX}	8000	m^3/h
Maximum Static Pressure	Ps_{MAX}	120	Pa
Nominal Rotational Speed	n	900	rpm

Electrical

Number of phases	~	3	
Nominal voltage	U_{NOM}	400	V
Nominal power	P_{NOM}	330	W
Nominal current	I_{NOM}	0.84	A
Nominal frequency	f_{NOM}	50	Hz

Parameters

Diameter	⌀D	560	mm
Unit weight	m	15	kg

Electric motor

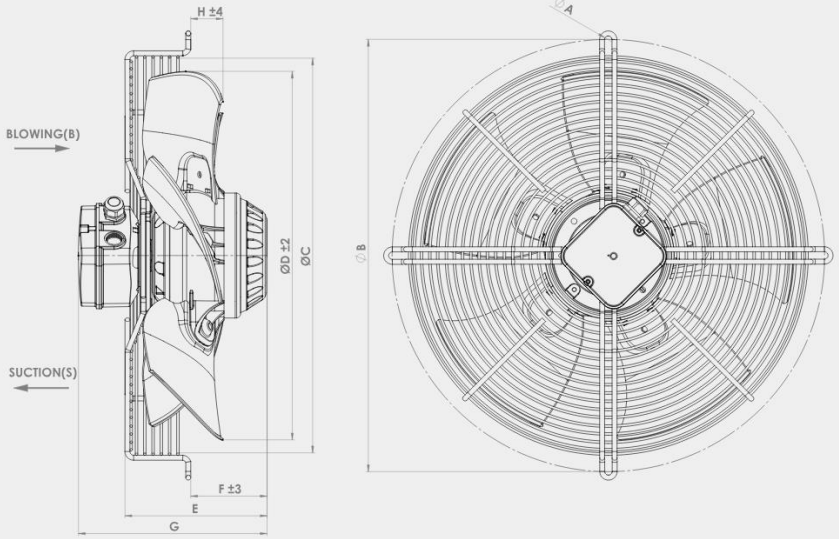
Motor type	AC
Type of motor control	Hz
Number of Motor Poles	6
Motor protection class	IP55
Motor insulation class	F
Motor protection	TEAO

Temperature

Minimum operating temperature	$t_{OPER\,MIN}$	-40	°C
Maximum operating temperature	$t_{OPER\,MAX}$	40	°C
Maximum medium temperature	$t_{MEDIUM\,MAX}$	40	°C

Acoustics

Sound pressure level from the housing	L_{PA2}	62	dB(A)
at a distance	l	3	m



A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm
9	700	654	552	206	70	214	(S) 30/(B) 61

SFX 6T 560 S - D 01

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Characteristics | Acoustics | Accessories | Information | Technical data | Dimensions | Electrical diagram

