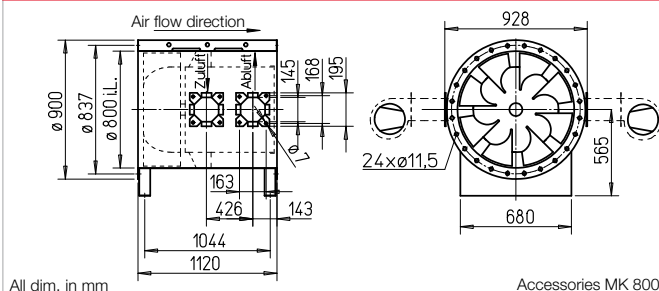


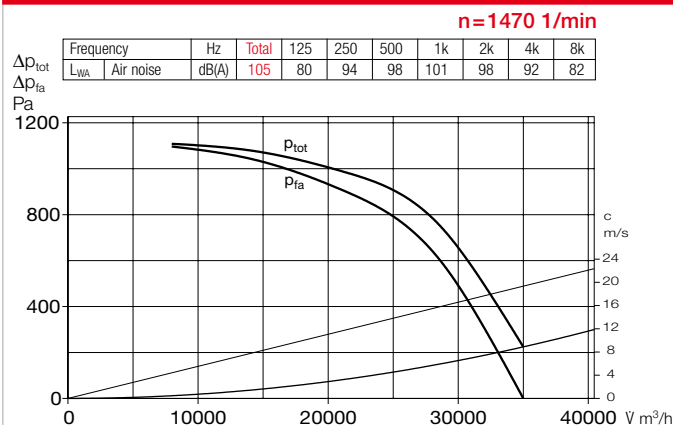
B VAR 800 F600



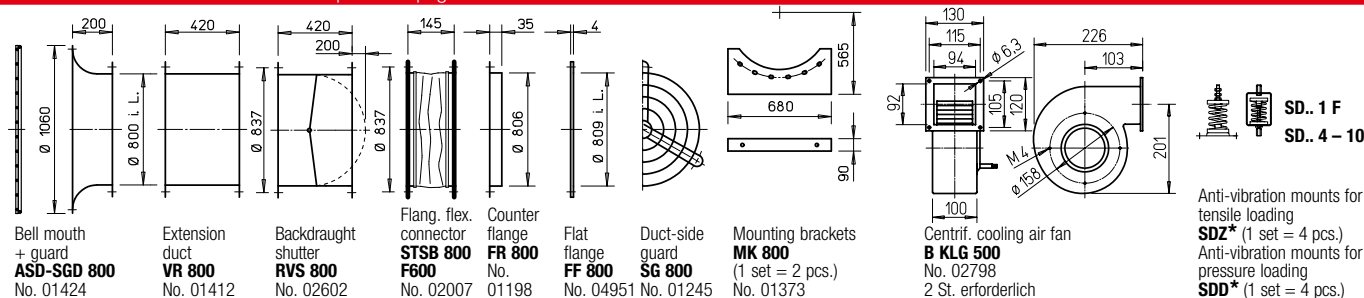
Dimensions B VAR 800 F600



Performance curves B VAR 800/4 F600



Accessories B VAR 800 F600 Description see page 163 ff.



- **Casing**
Duct with flanges on both sides DIN 24155 pt. 3. Welded construction, hot-dip galvanised. Welded guide vane with inner hub for mounting the flange motor, hot-dip galvanised.

- **Impeller**
Optimised for high pressure and volume output. Special development with spatially curved hot-dip galvanised steel blades.

- **Motor**
Direct through Efficient IE3 three phase motor. Pole-switching

fans with IEC standard motor. Protection class IP55. Insulation class H. External cable with sheathing.

- **Motor protection**
All types (except pole-switching) have PTC resistors as standard and must be protected with aa full motor protection device (MSA, Ref. no. 01289). This must be bridged in smoke extraction situation.

- **Installation**
Installation in any position. Suitable for installation within and outside of the fire zone.

- **Electrical connection**
Standard terminal box (IP54) mounted for installation outside of the fire zone.

- **Safety information**
Protection against accidental contact for impeller must be ensured pursuant to DIN EN ISO 13857.

- **Centrifugal cooling air fan**
The centrifugal cooling air fan B KLG is a required accessory for ensuring motor cooling. Alternative forced ventilation fan upon request. Minimum cooling air flow rate $V = 700 \text{ m}^3/\text{h}$.

- **Certification**
The smoke extraction fans B VARD have been tested according to DIN EN 12101-3. Certificate of performance reliability: F600: 0036-CPR-RG05-02

Information	Page
Techn. description	84 f.
Project planning information	10 ff.
Accessory details	
Mounting accessories	163 ff.
Centrif. cooling air fan	162
Gas warning systems, switch and control technology	170 ff.

Type	Ref. no.	Speed	Output free-blowing	Nom. motor power. (output)	Nominal voltage	Power consump- tion	Wiring diagram	max. air flow temp. ¹⁾	Net weight approx.	Smoke exhaust fan control system incl. full motor protection	Anti-vibration mount ²⁾				
											Pressure		Tensile		
		min ⁻¹	ℳ m ³ /h	kW	V	A	No.	+°C	kg	Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
 Three phase motor, 50 Hz, protection class IP54															
B VARD 800/4 F600		02863	1470	34880	18.5	400	35.1	776	600	394	EVS-SD 027 04560	SDD 7 01928	SDZ 7 01929		

¹⁾ Smoke extraction (once 120 min.).

²⁾ Types SDZ not permitted for installation within fire zone.