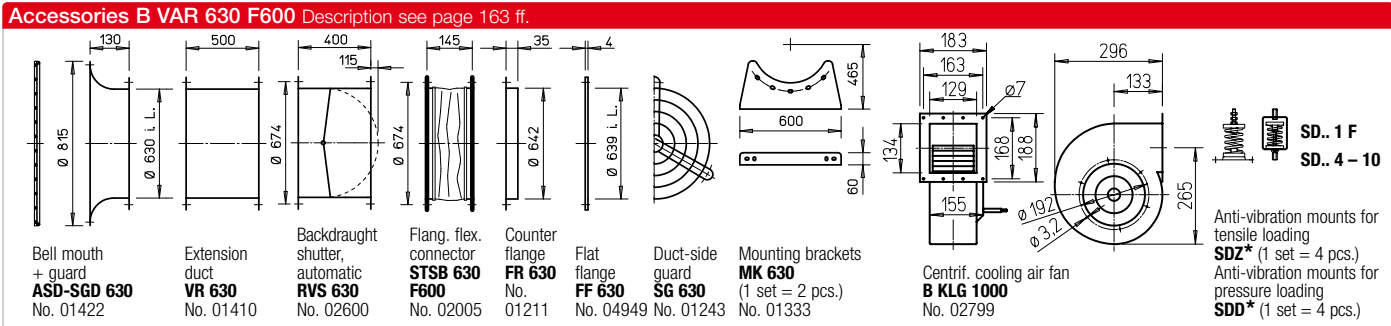
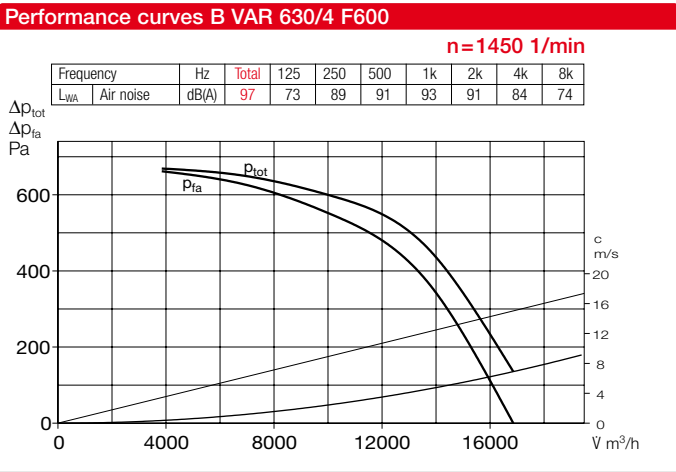
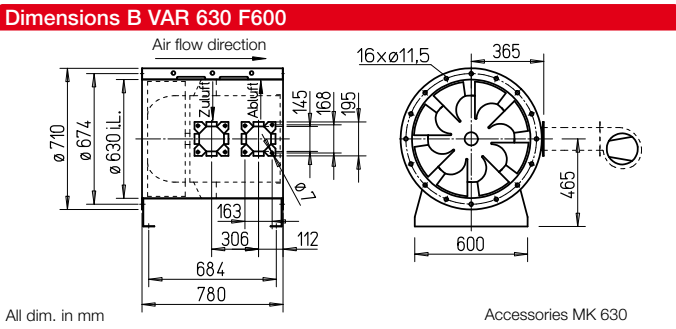




- Casing**
Duct with flanges on both sides DIN 24155 pt. 3. Welded construction, hot-dip galvanised. Welded guide vane with inner hub for mounting the flange motor, hot-dip galvanised.
- Impeller**
Optimised for high pressure and volume output. Special development with spatially curved hot-dip galvanised 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 $\dot{V} = 445 \text{ m}^3/\text{h}$.
- 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

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Type	Ref. no.	Speed	Output free-blowing	Nom. motor power. (output)	Nominal voltage	Power consumption	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	∇ m³/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 630/4 F600		02843	1460	16980	5.5	400	10.4	776	600	179	EVS-SD 028 04559	SDD 5 01924	SDZ 5 01925		

¹⁾ Smoke extraction (once 120 min.). ²⁾ Types SDZ not permitted for installation within fire zone.