



Application

The fans are designed for transporting clean and slightly dusted air. They are used as elements of various ventilation systems and to generate air blast in numerous industrial processes.

Construction

- BL** - Low-pressure
- BM** - Middle-pressure
- BH** - High-pressure
- BE** - Extremely high-pressure

Radial, direct-driven fans. The rotor with welded, backward-tilted blades is made of steel sheet. The housing is made of welded steel sheet, reinforced with steel angle bars and connected to the base of the electric motor. The whole set is painted with powder paint.

Electric motor

Asynchronous, three phase 400V, 50Hz, IE3. The motors are manufactured in accordance with the IEC 72 and IEC 34-1 standards. Insulation class F, degree of protection IP 55. On request, we can supply motors driven by another voltage or frequency, and/or with an increased level of protection.

Additional accessories

Inlet and outlet adaptors, noise suppressor, noise dampening housing for motors, vibration dampeners. The standard noise suppressor decreases the noise level by approx. 6-8 dB(A).

Fans and accessories are selected on request.

Technical specification:

Typ	Q_{max} [m ³ /h]	P_s [Pa]	P_{max} [kW]
BL	66750	100 - 2500	30
BM	69000	100 - 3650	45
BH	105000	105 - 7860	132
BE	97500	210 - 9300	160

Performance curves:

