

Max. 33 m³/h

DC axial fans

□ 60 x 15 mm



- **Material:** Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
 - **Direction of air flow:** Exhaust over struts
 - **Direction of rotation:** Counterclockwise, looking towards rotor
 - **Connection:** Via single wires AWG 28, TR 64
 - **Highlights:** Some models are suitable for use at high ambient temperatures
 - **Weight:** 30 g
- **Possible special versions:** (See chapter DC fans - specials)
 - Speed signal
 - Go / NoGo alarm
 - PWM control input
 - Moisture protection

1) Fiberglass-reinforced plastic

Series 600 F

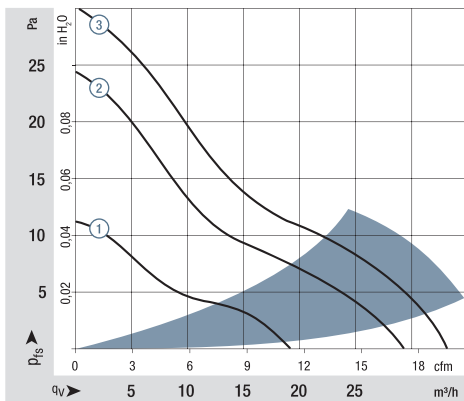
Nominal data

| Type | Air flow | | Nominal voltage | Voltage range | Sound pressure level | Sound power level | Sintec sleeve bearings Ball bearings | Power consumption | Nominal speed | Temperature range | Service life L ₁₀ (20 °C) ebm-papst standard | Service life L ₁₀ (60 °C) ebm-papst standard | Life expectancy L ₁₀ IPC (40 °C) see page 17 | Curve |
|----------------|-------------------|------|-----------------|---------------|----------------------|-------------------|---|-------------------|---------------|-------------------|--|--|--|-------|
| | m ³ /h | cfm | | | | | | | | | | | | |
| 605 F | 29 | 17.1 | 5 | 4.5...5.2 | 27 | 4.4 | □ | 1.1 | 4 000 | -20...+50 | 50 000 / 20 000 | 52 500 | ② | |
| 612 FL | 19 | 11.2 | 12 | 11.5...13.2 | 16 | 3.6 | □ | 0.4 | 2 650 | -20...+70 | 50 000 / 20 000 | 52 500 | ① | |
| 612 F | 29 | 17.1 | 12 | 10.8...13.2 | 27 | 4.4 | □ | 1.0 | 3 900 | -20...+70 | 50 000 / 20 000 | 52 500 | ② | |
| 612 FH | 33 | 19.4 | 12 | 10.0...13.2 | 31 | 4.8 | □ | 1.5 | 4 500 | -20...+60 | 45 000 / 17 500 | 47 500 | ③ | |
| 614 F | 29 | 17.1 | 24 | 21.6...26.4 | 27 | 4.4 | □ | 1.1 | 3 900 | -20...+70 | 50 000 / 20 000 | 52 500 | ② | |
| 614 F/39 H-691 | 33 | 19.4 | 24 | 16...28 | 31 | 4.8 | □ | 1.4 | 4 500 | -20...+60 | 45 000 / 17 500 | 47 500 | ③ | |

Model with temperature range up to +80 / 85 °C.

| | | | | | | | | | | | | | |
|------------|----|------|----|-------------|----|-----|---|-----|-------|-----------|-----------------|--------|---|
| 612 FL-680 | 19 | 11.2 | 12 | 11.5...14 | 16 | 3.6 | □ | 0.5 | 2 650 | -20...+85 | 50 000 / 20 000 | 52 500 | ① |
| 612 F-637 | 29 | 17.1 | 12 | 10.8...12.6 | 27 | 4.4 | □ | 1.0 | 3 900 | -20...+80 | 50 000 / 20 000 | 52 500 | ② |

Subject to change



Air performance measured according to: ISO 5801.
Installation category A, without contact protection.
Noise: Total sound power level L_{WA} ISO 103002 measured on a hemisphere with a radius of 2 m.
Sound pressure level L_{pA} measured at 1 m distance from fan axis.
The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions.
In the event of deviation from the standard configuration, the parameters must be checked after installation!
For detailed information see <http://www.ebmpapst.com/general conditions>

