

Max. 67 m³/h

# DC axial fans

□ 60 x 25 mm



- **Material:** Housing: GRP<sup>1)</sup> (PBT)  
Impeller: GRP<sup>1)</sup> (PA)
  - **Direction of air flow:** Exhaust over struts
  - **Direction of rotation:** Clockwise, looking towards rotor
  - **Connection:** Via single wires AWG 22, TR 64
  - **Highlights:** Very low-noise motor
  - **Weight:** 85 g
- **Possible special versions:** (See chapter DC fans - specials)
    - Speed signal
    - Go / NoGo alarm
    - Alarm with speed limit
    - External temperature sensor
    - Internal temperature sensor
    - PWM control input
    - Analog control input
    - Moisture protection

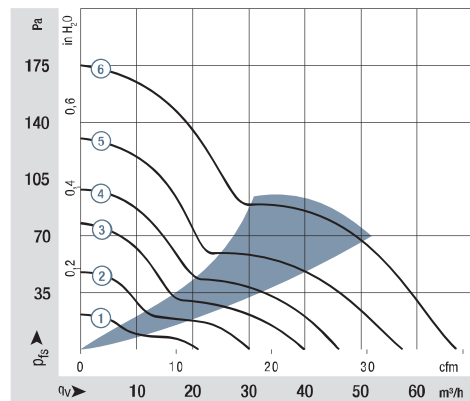
1) Fiberglass-reinforced plastic

Series 620

## Nominal data

Type	Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Power consumption	Nominal speed	Temperature range	Service life L <sub>10</sub> (40 °C) ebm-papst standard	Service life L <sub>10</sub> (T <sub>max</sub> ) ebm-papst standard	Life expectancy L <sub>10</sub> (IPC (40 °C) see page 17)	Curve
	m³/hcfm	VDC												
622 L	21	12.4	12	8...15	20	3.7	■	0.5	3 200	-20...+85	80 000 / 20 000	135 000	①	
622 M	30	17.7	12	8...15	29	4.3	■	1.0	4 550	-20...+75	77 500 / 30 000	130 000	②	
622 N	40	23.5	12	8...15	35	4.7	■	1.9	6 100	-20...+70	72 500 / 35 000	122 500	③	
622 H	46	27.1	12	8...15	39	5.1	■	2.3	6 850	-20...+70	70 000 / 35 000	117 500	④	
622 HH	56	33.0	12	8...15	43	5.6	■	3.5	8 200	-20...+70	65 000 / 32 500	110 000	⑤	
622/2 H3P	67	39.4	12	8...13.2	48	5.9	■	5.5	9 700	-20...+60	52 500 / 32 500	87 500	⑥	
624 L	21	12.4	24	18...28	20	3.7	■	1.0	3 200	-20...+70	80 000 / 40 000	135 000	①	
624 M	30	17.7	24	12...28	29	4.3	■	1.5	4 550	-20...+70	77 500 / 37 500	130 000	②	
624 N	40	23.5	24	12...28	35	4.7	■	2.2	6 100	-20...+70	72 500 / 35 000	122 500	③	
624 H	46	27.1	24	18...28	39	5.1	■	2.4	6 850	-20...+70	70 000 / 35 000	117 500	④	
624 HH	56	33.0	24	18...28	43	5.6	■	3.6	8 200	-20...+70	65 000 / 32 500	110 000	⑤	
624/2 H3P	67	39.4	24	18...28	48	5.9	■	5.6	9 700	-20...+60	52 500 / 32 500	87 500	⑥	
628 HH	56	33.0	48	36...60	43	5.6	■	4.2	8 200	-20...+70	65 000 / 32 500	110 000	⑤	

Subject to change



Air performance measured according to: ISO 5801  
Installation category A, without contact protection.  
Noise: Total sound power level L<sub>WA</sub> ISO 103002  
measured on a hemisphere with a radius of 2 m.  
Sound pressure level L<sub>pA</sub> 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>

