

max. 67 m³/h

DC axial fans

□ 60 x 25 mm

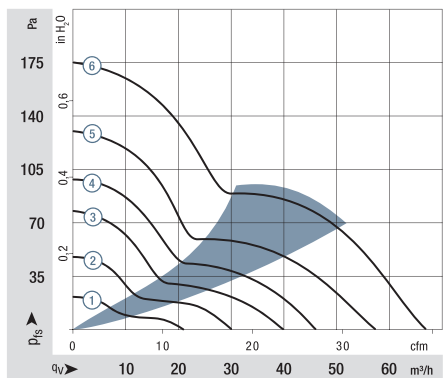


- **Material:** Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
 - **Direction of air flow:** Exhaust over struts
 - **Direction of rotation:** Clockwise, seen on rotor
 - **Connection:** Via single wires AWG 22, TR 64
 - **Highlights:** Very low-noise motor
 - **Mass:** 85 g
- **Possible special versions:** (See chapter DC fans - specials)
 - Speed signal
 - Go- / NoGo-alarm
 - Alarm with limit speed
 - External temperature sensor
 - Internal temperature sensor
 - PWM control input
 - Analog control input
 - Humidity protection

1) Fibreglass-reinforced plastic

Series 620															
Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Input power	Nominal speed	Temperature range	Service life L ₁₀ (40 °C) ebm-papst Standard	Service life L ₁₀ (T _{max}) ebm-papst Standard	Life expectancy L ₁₀ IPC (40 °C) see page 17	Curve
Type	m ³ /h	cfm	VDC	VDC	dB(A)	Bel(A)	■ / ■	Watts	rpm	°C	Hours	Hours	Hours		
622 L	21	12,4	12	8...15	20	3,7	■	0,5	3 200	-20...+85	80 000 / 20 000	135 000	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	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	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	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	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	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	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	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	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	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	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	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	110 000	⑤	

Subject to alterations



Air performance measured as per: ISO 5801, installation category A, without accidental contact.
Noise: Total sound power level L_{WA} ISO 103002 measured on half-sphere of 2 m;
Sound pressure level L_{pA} measured at 1 m distance to fan axis.
The acoustic values are only valid for the described measurement set-up and may vary depending on the installation situation.
In case of any deviation to the standard setup, the values have to be checked and reviewed once installed or fitted.
For detailed information see http://www.ebmpapst.com/general_conditions

