

max. 38 m³/h

DC axial fans

Series 420 J 40 x 40 x 28 mm



- **Material:** Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
 - **Direction of air flow:** Exhaust over struts
 - **Direction of rotation:** Counter-clockwise, seen on rotor
 - **Connection:** Via single wires AWG 28, UL 1061
 - **Mass:** 45 g
- **Possible special versions:**
(See chapter DC fans - specials)
 - Speed signal
 - Go / No-go alarm
 - External temperature sensor
 - PWM control input
 - Protection against moisture
 - Protection against salt fog

1) Fibreglass-reinforced plastic

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 (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
Type	m ³ /h	CFM	VDC	VDC	dB(A)	Bel(A)	■ / ■	Watts	rpm	°C	Hours	Hours	Hours	
422 JM	24	14,2	12	8...13,8	42	5,5	■	2,5	11 100	-20...+70	75 000 / 37 500	127 500	127 500	①
422 JN	31	18,3	12	8...13,8	48	6,0	■	4,0	14 000	-20...+70	67 500 / 35 000	115 000	115 000	②
422 JH	38	22,4	12	8...13,8	54	6,6	■	6,8	17 200	-20...+70	60 000 / 30 000	102 500	102 500	③
424 JM	24	14,2	24	16...28	42	5,5	■	2,7	11 100	-20...+70	75 000 / 37 500	127 500	127 500	①
424 JN	31	18,3	24	16...28	48	6,0	■	4,2	14 000	-20...+70	67 500 / 35 000	115 000	115 000	②
424 JH	38	22,4	24	16...26,4	54	6,6	■	7,1	17 200	-20...+65	60 000 / 32 500	102 500	102 500	③

Subject to alterations

