

max. 38 m<sup>3</sup>/h

# DC axial fans

Series 420 J 40 x 40 x 28 mm



- **Material:** Housing: GRP<sup>1)</sup> (PBT)  
Impeller: GRP<sup>1)</sup> (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		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Input power	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
	m <sup>3</sup> /h	CFM												
422 JM	24	14,2	12	8...13,8	42	5,5	■	2,5	11 100	-20...+70	75 000 / 37 500	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	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	③	
424 JM	24	14,2	24	16...28	42	5,5	■	2,7	11 100	-20...+70	75 000 / 37 500	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	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	③	

Subject to alternations

