max. 38 m³/h

DC axial fans

Series 420 J 40 x 40 x 28 mm



- **Material:** Housing: GRP[1] (PBT)
  Impeller: GRP[1] (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	Sintec 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_{10IPC} (40 °C) see page 17	Curve
Type	**m³/h**	**CFM**	**VDC**	**VDC**	**dB(A)**	**Bel(A)**	□/■	**Watts**	**rpm**	**°C**	**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	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



