

# EC centrifugal blowers and fans

single inlet, Ø 146

- **Material:** scroll housing made of die-cast aluminium, impeller made of galvanised sheet steel
- **Technical features:** control input 0-10 VDC / PWM, tach output
- **Direction of rotation:** clockwise, seen on rotor
- **Type of protection:** IP 42
- **Mounting position:** at will
- **Approvals:** UL, CSA
- **Performance curve:** determined at 24 VDC

ebm-papst • Mulfingen



Nominal data		Characteristic	Voltage	Voltage range	Air flow	Speed/rpm	Power input	Current draw	Sound pressure level	Min. back pressure	Perm. amb. temp.	Mass
Type	Motor		VDC	VDC	m³/h	min⁻¹	W	A	dB(A)	Pa	°C	kg
G1G 146-BA07 -52 R1G 146-AA07 -52	M1G074-BF	①	24	16-28	470	2200	100	5,00	68	0	60	2,8 1,4
G1G 146-BA11 -52 R1G 146-AA11 -52	M1G074-BF	①	48	36-57	465	2150	100	2,60	67	0	60	2,8 1,4

subject to alterations

	n [min⁻¹]	P <sub>1</sub> [W]	η <sub>HL</sub> [%]	Lp <sub>A</sub> [dBA]	n [min⁻¹]	P <sub>1</sub> [W]	η <sub>HL</sub> [%]	Lp <sub>A</sub> [dBA]	
① ①	2400	140	---	70	① ⑤	1890	68	---	63
① ②	2650	130	45	67	① ⑥	2075	57	46	60
① ③	3000	110	49	66	① ⑦	2250	48	49	61
① ④	3300	100	45	67	① ⑧	2335	41	45	61
① ①	2200	100	---	68	① ⑨	1520	37	---	59
① ②	2445	90	46	65	① ⑩	1670	32	46	55
① ③	2750	84	49	64	① ⑪	1815	27	49	55
① ④	3025	77	45	65	① ⑫	1920	23	45	55

## Characteristics

