

AC centrifugal blowers and fans

single inlet, Ø 146 / 160

- **Material:** scroll housing made of die-cast aluminium, impeller made of galvanised sheet steel
- **Type of protection:** IP 44
- **Approvals:** CE



ebm-papst • Mulfingen

| Nominal data | | | | | | | | | | | | | Dimensions | | | | | | | | | | |
|--------------------------------------|------------|----------------|---------|-----------|----------|-----------|-------------|--------------|-----------|----------------------|--------------------|------------------|------------|--------------------------------------|-------|-----|-----|-----|-----|----|----|-----|--|
| Type | Motor | Characteristic | Voltage | Frequency | Air flow | Speed/rpm | Power input | Current draw | Capacitor | Sound pressure level | Min. back pressure | Perm. amb. temp. | Mass | Type | H | I | L | O | a | d | e | f | |
| G2E 146-DW07 -01 R2E 146-AW07 -05 | M2E 068-CA | ① | 230 | 50 | 470 | 1550 | 140 | 0,62 | 3,0/450 | 60 | 0 | 50 | 2,6 | G2E 146-DW07 -01 R2E 146-AW07 -05 | 125,5 | 104 | 101 | 158 | | | | | |
| G2E 160-AY47 -01 R2E 160-AY47 -01 | M2E 068-EC | ② | 230 | 50 | 600 | 2100 | 240 | 1,05 | 6,0/400 | 72 | 0 | 50 | 3,9 | G2E 160-AY47 -01 R2E 160-AY47 -01 | 130,0 | 100 | 103 | 175 | 146 | 68 | 20 | 127 | |
| G4E 160-AB01 -01 R4E 160-AB01 -01 | M4E 068-CF | ③ | 230 | 50 | 410 | 1300 | 67 | 0,30 | 2,0/450 | 65 | 0 | 65 | 2,9 | G4E 160-AB01 -01 R4E 160-AB01 -01 | 130,0 | 100 | 103 | 175 | 160 | 91 | 42 | 131 | |
| | | | 230 | 60 | 445 | 1400 | 90 | 0,40 | 2,0/450 | 67 | 0 | 65 | 1,7 | | | | | | 160 | 72 | 25 | 131 | |

subject to alterations

| | n [min ⁻¹] | P ₁ [W] |
|-----|---------------------------|-----------------------|
| ① ① | 1835 | 136 |
| ① ② | 2070 | 126 |
| ② ① | 2210 | 223 |
| ② ② | 2525 | 172 |
| ③ ① | 1350 | 63 |
| ③ ② | 1395 | 58 |

Characteristics

