

### Technical Characteristics

- Aluminum alloy construction
- Smooth operation
- Maintenance free
- Max Flow:
  - 470 m<sup>3</sup>/h @ 50 Hz
  - 570 m<sup>3</sup>/h @ 60 Hz
- Max Pressure: 650 mbar
- Max Vacuum: -450 mbar (rel)

### Electric Motor

- High Efficiency: IE2
- Power: 3.0 - 15 kW
- Motors with IP 55 protection rating
- Class F insulation, suitable for inverter (refer to FPZ)
- Thermal Protector (PTO) as standard
- Wide Range Supply Voltage

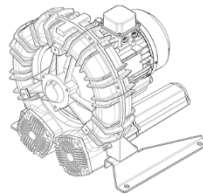
| ~3         | [V] (Δ / Y)           |                       | [Hz] |
|------------|-----------------------|-----------------------|------|
|            | ≤ 4 kW                | > 4 kW                |      |
| IE2        | 230 / 400             | 400 / 690             | 50   |
|            | 265 / 460             | 460 / 795             | 60   |
| Wide Range | 200 – 240 / 345 – 415 | 345 – 415 / 600 – 720 | 50   |
|            | 220 – 280 / 380 – 480 | 380 – 480 / 660 – 830 | 60   |

Tolerance on the fixed voltage value ± 10%, in range ± 5%.  
IE2 only at 50 Hz

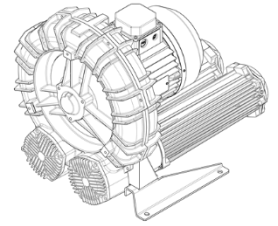
### Options

- Special voltages (IEC 60038)
- Surface treatments
- Increased seal version

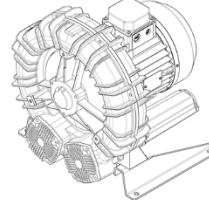
K07R



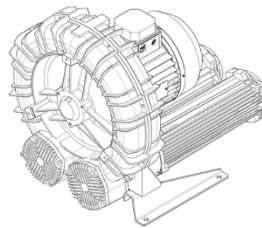
K09



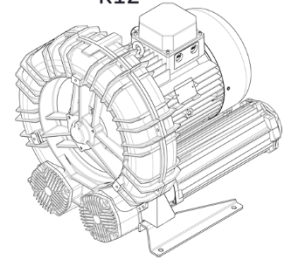
K08R



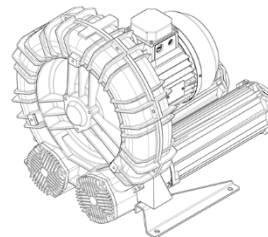
K10



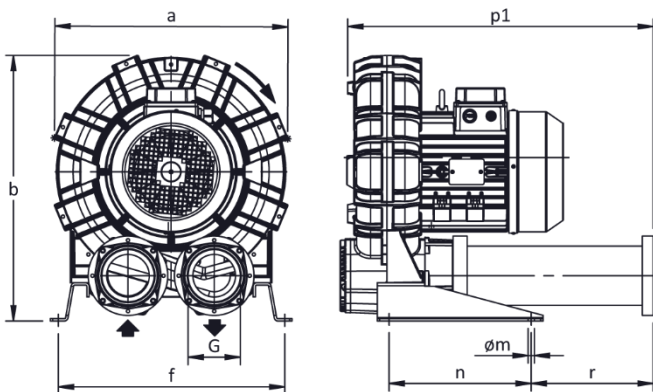
K12



K11



### Dimensions



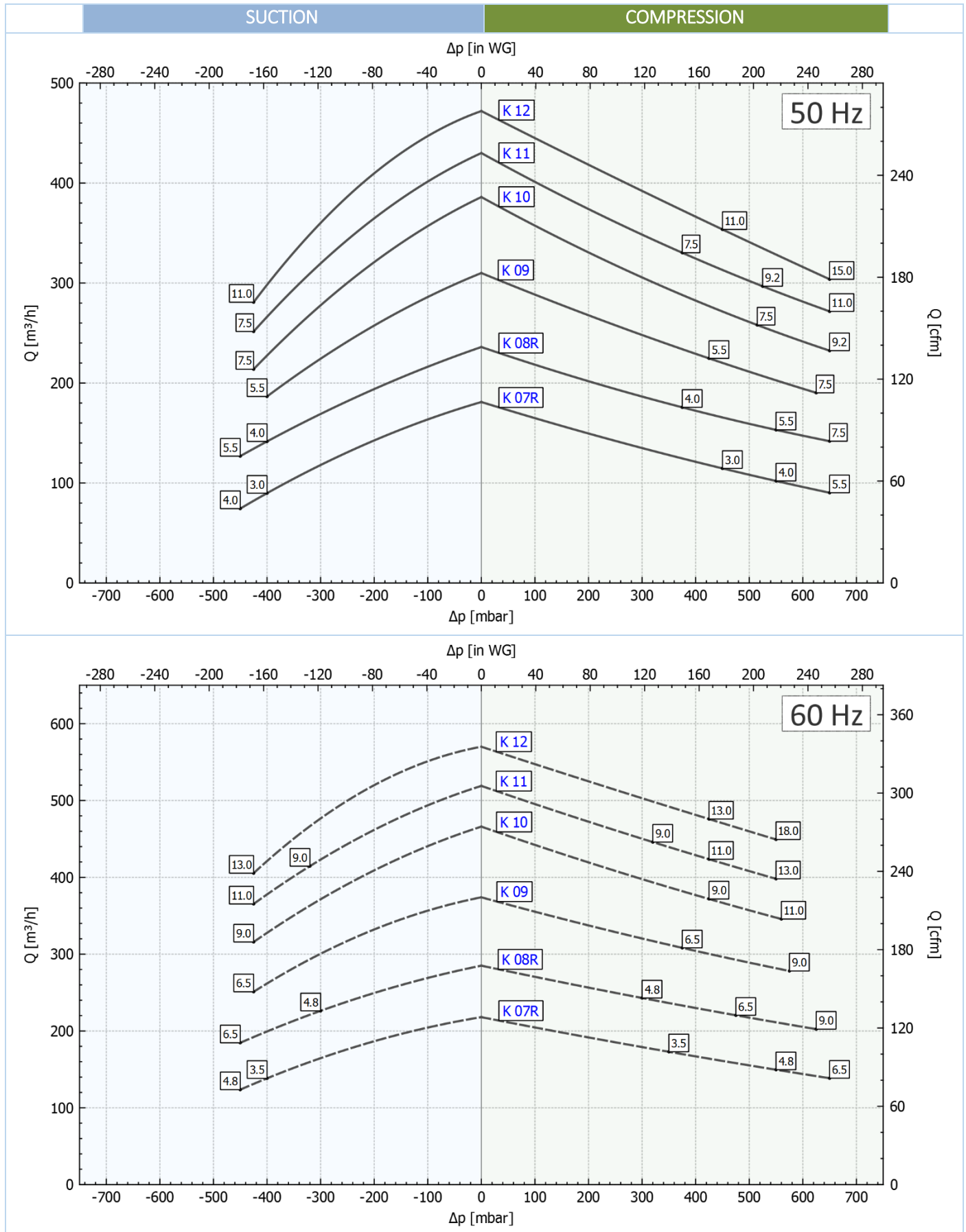
| Model          | a   | b   | f   | G    | m  | n   | p1  | r   |
|----------------|-----|-----|-----|------|----|-----|-----|-----|
| <b>K07R-MD</b> | 424 | 481 | 438 | G 2" | 13 | 300 | 418 | 43  |
| <b>K08R-MD</b> | 457 | 498 | 448 | G 2" | 13 | 300 | 418 | 43  |
| <b>K09-MD</b>  | 492 | 561 | 478 | G 4" | 13 | 300 | 644 | 257 |
| <b>K10-MD</b>  | 516 | 573 | 478 | G 4" | 13 | 300 | 644 | 257 |
| <b>K11-MD</b>  | 542 | 603 | 508 | G 4" | 13 | 300 | 654 | 262 |
| <b>K12-MD</b>  | 548 | 606 | 508 | G 4" | 13 | 300 | 657 | 262 |

Dimensions in mm – NOT Binding

### INSTALLATION

- For proper operation of the machine, it must be provided with a suction FILTER and a vacuum/pressure limiting VALVE
- Other accessories are available on request
- Permissible ambient and fluid temperature in suction from -15 °C to +40 °C
- Read the instruction manual carefully before installing the machine.

**Performance**



Tolerance on indicated values ± 10%.  
 Data subject to change without notice.  
 Curves referring to air at a temperature of 20 °C and atmospheric pressure of 1013 mbar (abs.).