

DATA SHEET

**DT 4.4**

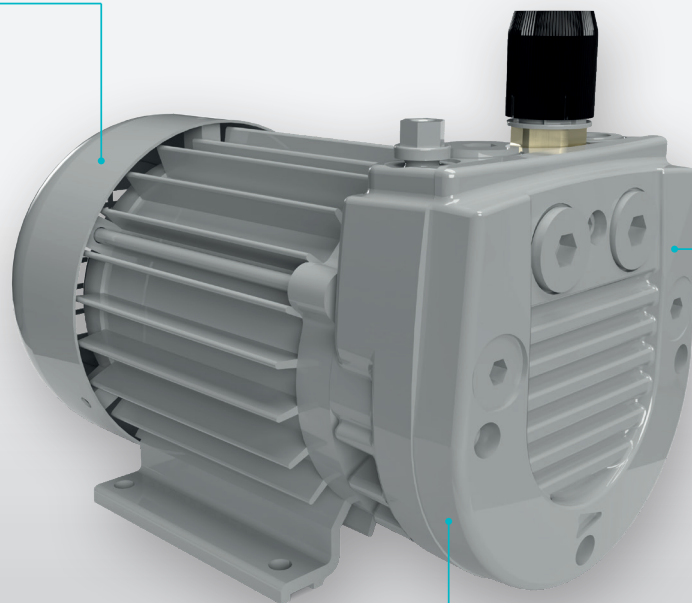
# ROTARY VANE VACUUM PUMPS

oil-free

air-cooled

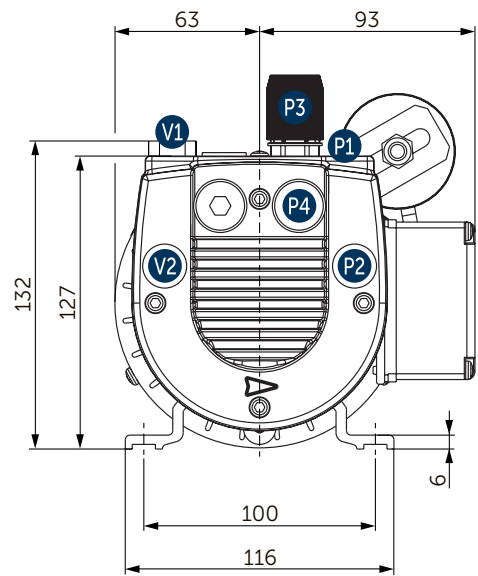
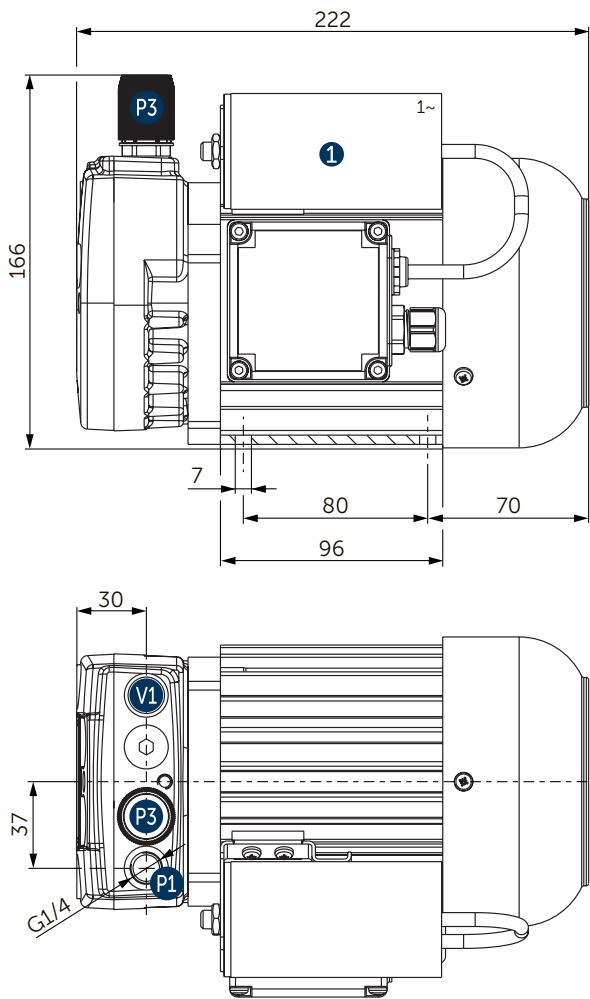
**MAKE IT BECKER.**

**COMPACT  
& ROBUST**



**100% OILLESS  
OPERATION**

**LOW OPERATION &  
MAINTENANCE COSTS**



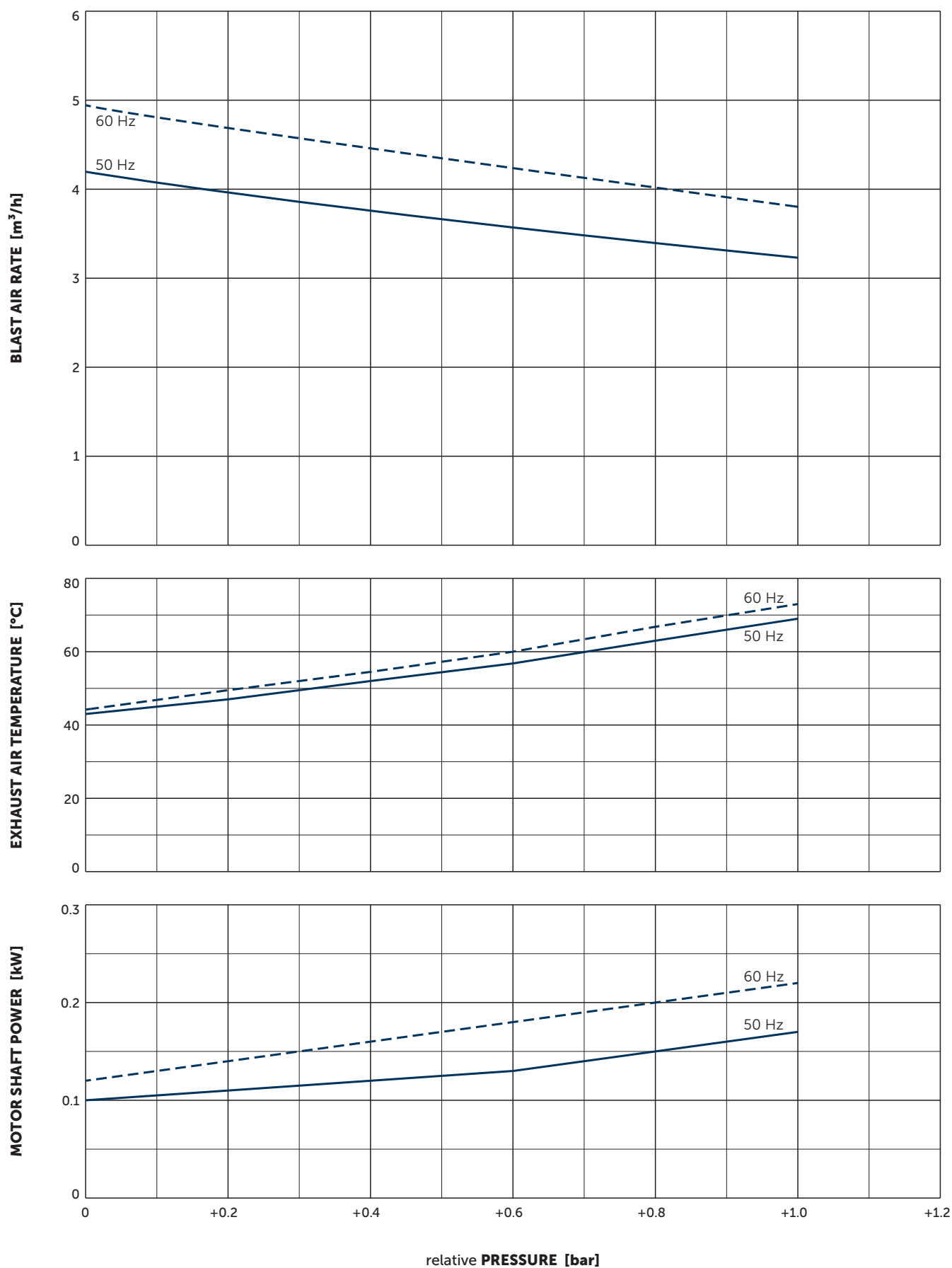
- P1 (P2) Pressure connection (G<sup>1</sup>/<sub>4</sub>)  
P3 (P4) Pressure regulating valve  
V1 (V2) Air nozzle  
(XX) Alternative
- 1 The capacitor size and position may vary with a change of the voltage/frequency.
- Including integrated suction air filter
  - The motor illustration may vary
  - Dimensions in mm

| Blast air rate    |       | Pressure relative |       | Emission sound pressure level <sup>1)</sup> |       | Weight incl. motor <sup>2)</sup> |
|-------------------|-------|-------------------|-------|---------------------------------------------|-------|----------------------------------|
| m <sup>3</sup> /h |       | bar               |       | dB(A)                                       |       | kg                               |
| 50 Hz             | 60 Hz | 50 Hz             | 60 Hz | 50 Hz                                       | 60 Hz |                                  |
| 4.2               | 4.9   | +1.0              | +1.0  | 60.0                                        | 60.5  | ≈7.0                             |

| Motors |       |       |                 |     |      |           |       |                 |     |         |                              |
|--------|-------|-------|-----------------|-----|------|-----------|-------|-----------------|-----|---------|------------------------------|
| #      | 3~/1~ | 50 Hz |                 |     |      | 60 Hz     |       |                 |     | Version |                              |
|        |       | kW    | V               | rpm | A    | kW        | V     | rpm             | A   |         |                              |
| 01     | 3~    | 0.18  | Δ230/Y400       | IE2 | 2905 | 1.39/0.80 | 0.22  | Δ208/Y360       | IE4 | 3420    | 1.12/0.65                    |
|        |       |       |                 |     |      |           | 0.22  | Δ230/Y400       | IE2 | 3460    | 1.16/0.65                    |
|        |       |       |                 |     |      |           | 0.18  | Δ265/Y460       | IE2 | 3515    | 1.26/0.73                    |
|        |       |       |                 |     |      |           | 0.22  | Δ265/Y460       | IE2 | 3495    | 1.32/0.76                    |
| 02     | 3~    | 0.18  | 175–260/300–450 |     | 2800 | 1.08/0.62 | 0.216 | 202–300/350–520 |     | 3360    | 1.08/0.63                    |
|        |       |       |                 |     |      |           |       |                 |     |         | IP54 • ISO F                 |
| 03     | 1~    | 0.18  | 230 ±10%        | IE3 | 2880 | 1.23      | 0.21  | 230 ±10%        | IE3 | 3430    | 1.29                         |
|        |       |       |                 |     |      |           |       |                 |     |         | CE<br>IP54 • ISO F • bimetal |

<sup>1)</sup> According to DIN EN ISO 3744 (KpA = 3 dB(A)), 1 m distance, at medium load, both connection sides piped  
<sup>2)</sup> Depending on the motor

- Reference data (atmosphere): 1000 mbar, 20°C; Tolerance: ±10%
- Current consumption and rotation speed may vary. Tolerance in each case -1.5/+2%

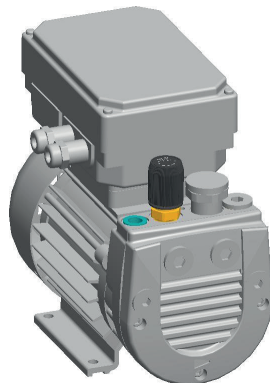


Reference data (atmosphere): 1000 mbar, 20°C  
Tolerance:  $\pm 10\%$

## VARIANTS AND ACCESSORIES

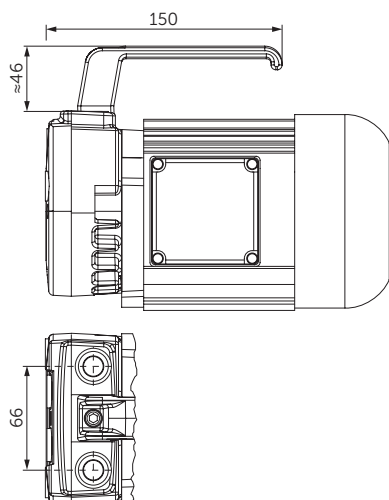
### **DT 4.4 DC<sup>1)</sup>**

- with 24V DC motor



### **DT 4.4/0-28**

- with handle



<sup>1)</sup> See separate data sheet

- Dimensions in mm – For other dimensions, see the figure on page 2.

**MAKE IT BECKER.**

HOMEPAGE  
DT SERIES



ONLINE SHOP  
DT 4.4

