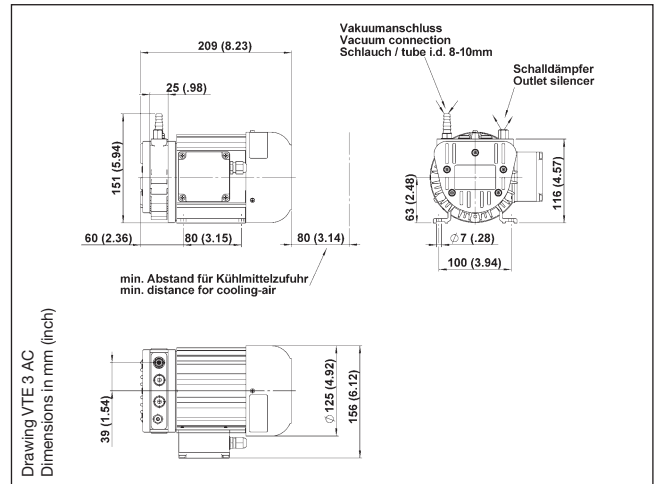


Rotary Vane Pump VTE 3



Flow	3,5/4,2 m³/h
Max. vacuum	85%



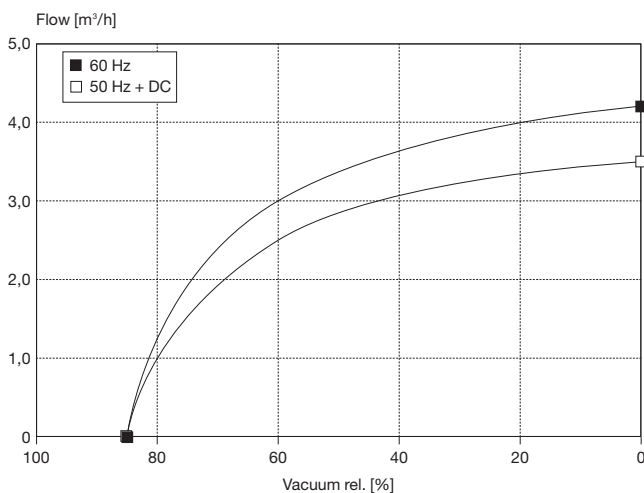
Pneumatic Data				
Description	VTE 3 230/50/60	VTE 3 115/50/60	VTE 3 Three-phase 50/60	VTE 3 24 DC
Part number	25130110	25130111	25130113	25130172
Max. flow	3,5/4,2 m ³ /h	3,5/4,2 m ³ /h	3,5/4,2 m ³ /h	3,5 m ³ /h
Max. intermittent vacuum	85%	85%	85%	85%
Max. continuous vacuum	85%	85%	85%	85%

Electrical Data				
Motor type	Capacitor	Capacitor	Three-phase	Permanent magnet
Nominal voltage	230 V ±10 % 50/60 Hz	100 V ±10 % 50 Hz 100-115 V ±10 % 60 Hz	200-255/346-440 V 50 Hz 200-277/346-480 V 60 Hz	24 V DC
Nominal speed	2750/3250 rpm	2750/3300 rpm	2860/3360 rpm	2850 rpm
Motor rating	0,120/0,145 kW	0,120/0,145 kW	0,120/0,145 kW	0,120 kW
Current consumption	1,3/1,4 A	2,7/2,9 A	1,12/0,71/1,02/0,62 A	10,5 A
Motor insulation class	F	F	F	F
Protection class	IP54	IP54	IP54	IP55
Thermal protector	yes	yes	no	no
UL recognized motor	no	yes	no	no

General Data				
Ambient temperature	0 to 50 °C	0 to 50 °C	0 to 50 °C	0 to 50 °C
Weight	6,5 kg	6,5 kg	6,5 kg	7,9 kg
Direction of rotation	ccw	ccw	ccw	ccw
Average noise level	55/57 dB (A)	55/57 dB (A)	55/57 dB (A)	62 dB (A)

All listed flow values relate to air at the pump inlet condition (i.e. expanded under vacuum).
Further information (general usage, installation, servicing etc.) is available in the operating instructions manual.
Further UL recognized motor on request.

Flow Curves



Supplied as standard:

- Tube connector G 1/8 (Tube I.D. 8 – 10 mm)
- Outlet silencer G 1/8

Accessories:

- Vacuum regulator ZRV 6 G 1/8 (part number 31430)
- Non-return valve ZRK 6 G 1/8 (part number 61802)

Service Parts:

- Service kit (part number 25130104) consists of:
 - 4 x Vanes
 - 1 x Filter cartridge
 - 2 x Filter seal (ring)
 - 1 x Filter seal
 - 3 x Gasket (copper)
 - 1 x O-ring (inside silencer)

2513... Stock programme

The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable and is offered as an aid to help in the selection of Thomas products. It is the responsibility of the user to determine the suitability of the product for the intended use and the user assumes all risk and liability whatsoever in connection therewith. Thomas does not warrant, guarantee or assume any obligation or liability in connection with this information.

