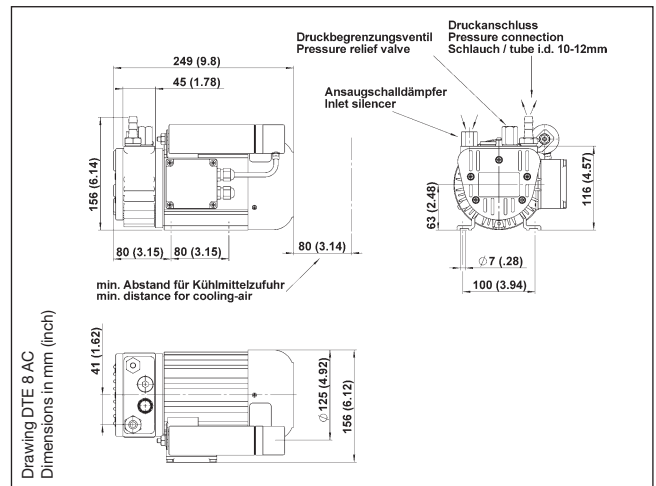


Rotary Vane Pump DTE 8



Flow	8,0/9,6 m³/h
Max. pressure	1,0 bar



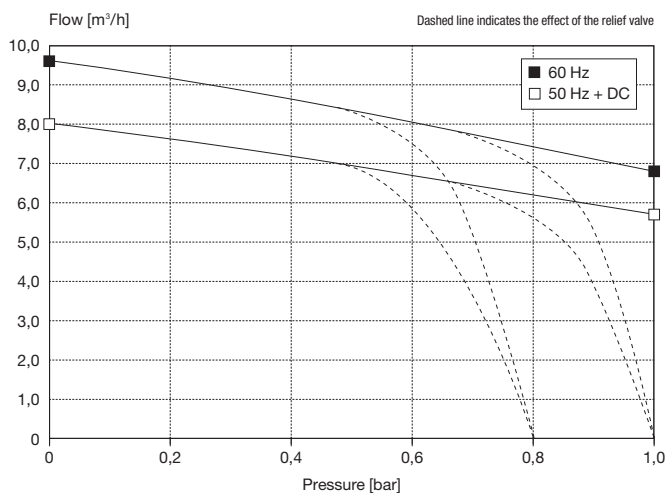
Pneumatic Data				
Description	DTE 8 230/50/60	DTE 8 115/50/60	DTE 8 Three-phase 50/60	DTE 8 24 DC
Part number	23660225	23660226	23660227	23660273
Max. flow	8,0/9,6 m ³ /h	8,0/9,6 m ³ /h	8,0/9,6 m ³ /h	8,0 m ³ /h
Max. intermittent pressure	0,8 bar	0,8 bar	1,0 bar	1,0 bar
Max. continuous pressure	0,8 bar	0,8 bar	1,0 bar	1,0 bar

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	2700/3200 Upm	2750/3300 Upm	2850/3380 Upm	3300 Upm
Motor rating	0,35/0,42 kW	0,35/0,42 kW	0,37/0,44 kW	0,37 kW
Current consumption	3,9/3,4 A	9,0/8,4 A	2,77/1,60/2,25/1,30 A	21 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	8,0 kg	8,0 kg	8,0 kg	9,2 kg
Direction of rotation	ccw	ccw	ccw	ccw
Average noise level	62/63 dB (A)	62/63 dB (A)	62/63 dB (A)	67 dB (A)

All listed flow values relate to air at standard atmospheric conditions.
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 3/8 (Tube I.D. 10 – 12 mm)
- Inlet silencer G 3/8
- Pressure relief valve (0,6/1,0 bar) G 3/8

Accessories:

- Pressure regulator ZRD 12 G 3/8 (part number 31431)
- Non-return valve ZRK 12 G 3/8 (part number 61803)

2366... Stock programme

Service Parts:

- Service kit (part number 23630104) 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 (only for VTE needed)

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.

