



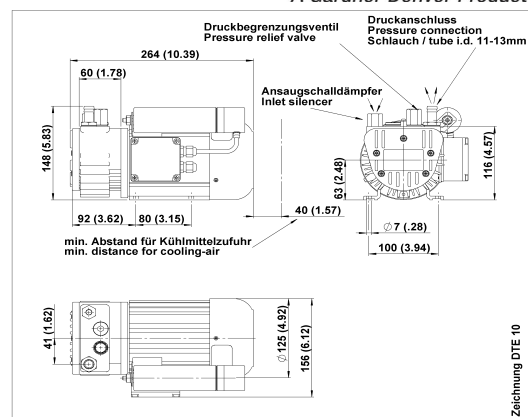
Rotary Vane Pump DTE 10

PICOLINO

THOMAS

A Gardner Denver Product

Flow	10/12 m ³ /h
Max. pressure	1,0 bar



Pneumatic Data

Description	DTE 10 230/50/60	DTE 10 115/50/60	DTE 10 3-phase 50/60	DTE 10 24 DC
Part number	27750225	27750226	27750227	27750274
Max. flow	10/12 m ³ /h	10/12 m ³ /h	10/12 m ³ /h	12 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% 50/60Hz	100 V ±10% 50 Hz	200-255/346-440 V 50 Hz	24 V DC
		100-115 V ±10% 60 Hz	200-277/346-480 V 60 Hz	
Nominal speed	2700/3200 rpm	2700/3200 rpm	2850/3380 rpm	3200 rpm
Motor rating	0,35/0,42 kW	0,35/0,42 kW	0,37/0,44 kW	0,42 kW
Current consumption	3,9/3,4 A	9,0/8,4 A	2,77/1,60/2,25/1,30 A	30 A
Motor insulation class	F	F	F	F
Protection class	IP54	IP54	IP54	IP54
Thermal protector	yes	yes	no	no

General Data

Ambient temperature	0 to 40 °C	0 to 40 °C	0 to 40 °C	0 to 40 °C
Weight	10,3 kg	10,3 kg	10,1 kg	11,8 kg
Direction of rotation	ccw	ccw	ccw	ccw
Average noise level	63/64 dB (A)	63/64 dB (A)	63/64 dB (A)	68 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.

Supplied as standard:

- Tube connector (Tube I.D. 11 - 13 mm)
- Inlet silencer
- Pressure relief valve (0,8/1,0 bar)

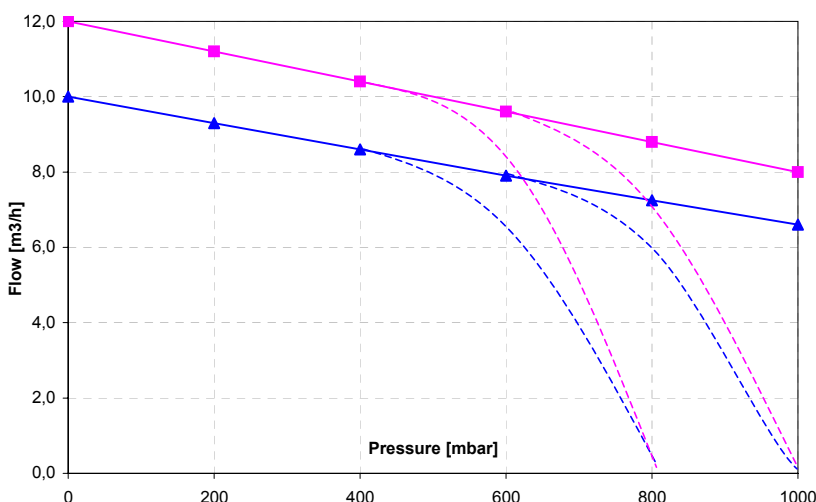
Service Parts:

- Service kit (part number 27740104) consists of
- 4 x Vanes
- 1 x Filter cartridge
- 2 x Filter seal (ring)
- 1 x Filter seal

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Flow Curves

--- 50Hz, --- 60Hz + DC, dashed line indicates the effect of the relief valve



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 Rietschle 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. Rietschle Thomas does not warrant, guarantee or assume any obligation or liability in connection with this information.