

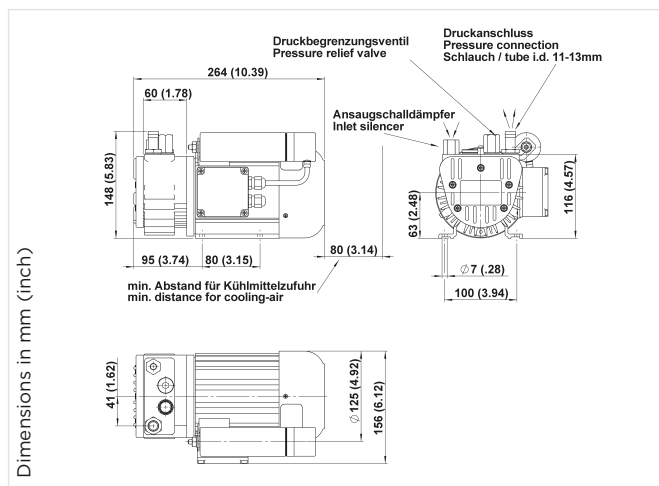
PICOLINO Rotary Vane Pumps

PRODUCT OVERVIEW

Model	Flow	Max. vacuum	Max. pressure	Page
 DTE 6	6.0/7.2 m ³ /hr (3.5/4.2 cfm)	-	1.0 bar (14.5 psi)	6
 DTE 8	8.0/9.6 m ³ /hr (4.7/5.6 cfm)	-	1.0 bar (14.5 psi)	8
 DTE 10	10.0/12.0 m ³ /hr (5.9/7.0 cfm)	-	1.0 bar (14.5 psi)	10

Rotary Vane Pump DTE 10

Flow	10/12 m³/h (5.9/7.0 cfm)
Max. pressure	1.0 bar (14.5 psi)



PNEUMATIC DATA

Description	DTE 10 230/50/60	DTE 10 115/50/60	DTE 10 Three-phase 50/60	DTE 10 24 DC
Part number	27750225	27750226	27750227	27750274
Max. flow	10/12 m³/h (5.9/7.0 cfm)	10/12 m³/h (5.9/7.0 cfm)	10/12 m³/h (5.9/7.0 cfm)	10 m³/h (5.9 cfm)
Max. intermittent pressure	0.8 bar (11.6 psi)	0.8 bar (11.6 psi)	1.0 bar (14.5 psi)	1.0 bar (14.5 psi)
Max. continuous pressure	0.8 bar (11.6 psi)	0.8 bar (11.6 psi)	1.0 bar (14.5 psi)	1.0 bar (14.5 psi)

ELECTRICAL DATA

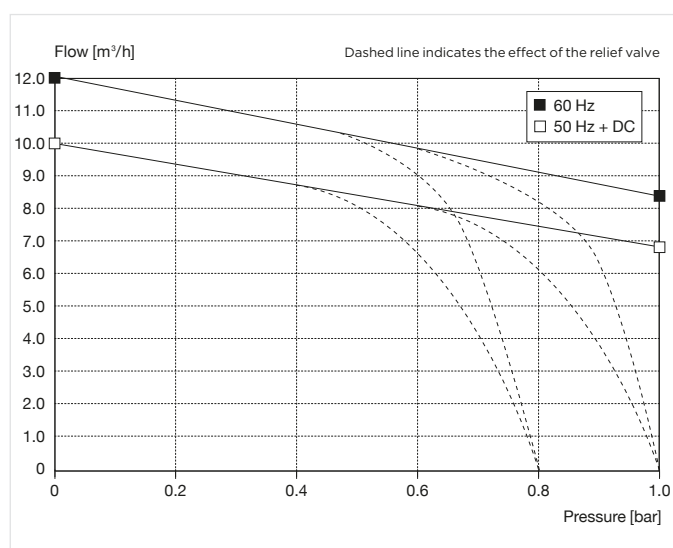
Motor type	Capacitor	Capacitor	Three-phase	Permanent magnet
Nominal voltage	230 V ±10% 50/60 Hz	100 V ±10% 50 Hz 115 V ±10% 60 Hz	200-255/346-440 V 50 Hz 200-277/346-480 V 60 Hz	24 V DC
Nominal speed	2700/3200 rpm	2700/3200 rpm	2850/3380 rpm	3200 rpm
Motor rating	0.35/0.42 kW	0.35/0.42 kW	0.37/0.44 kW	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	IP55
Thermal protector	yes	yes	no	no
Regulatory approval	CE	cRU	CE	-

GENERAL DATA

Ambient temperature	0 to 40 °C (32 to 104° F)	0 to 40 °C (32 to 104° F)	0 to 40 °C (32 to 104° F)	0 to 40 °C (32 to 104° F)
Weight	10.3 kg (22.7 lbs)	10.3 kg (22.7 lbs)	10.1 kg (22.3 lbs)	11.8 kg (26.0 lbs)
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.

FLOW CURVES



SUPPLIED AS STANDARD

Tube connector G 3/8
(Tube I.D. 11 - 13 mm)
Outlet silencer G 3/8
Pressure relief valve (0.8/1.0 bar)
G 3/8

SERVICE PARTS

Service kit (part number 27740104) consists of:
4 x Vanes
1 x Filter cartridge
1 x Filter seal (ring)
1 x Filter seal
3 x Gasket (copper)
1 x O-ring (only for VTE needed)

ACCESSORIES

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

2775... Stock programme