

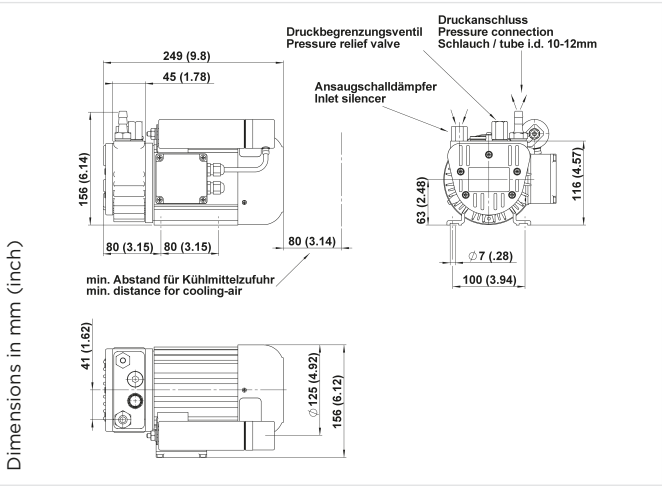
PICOLINO Rotary Vane Pumps

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 8

Flow	8.0/9.6 m³/h (4.7/5.6 cfm)
Max. pressure	1.0 bar (14.5 psi)

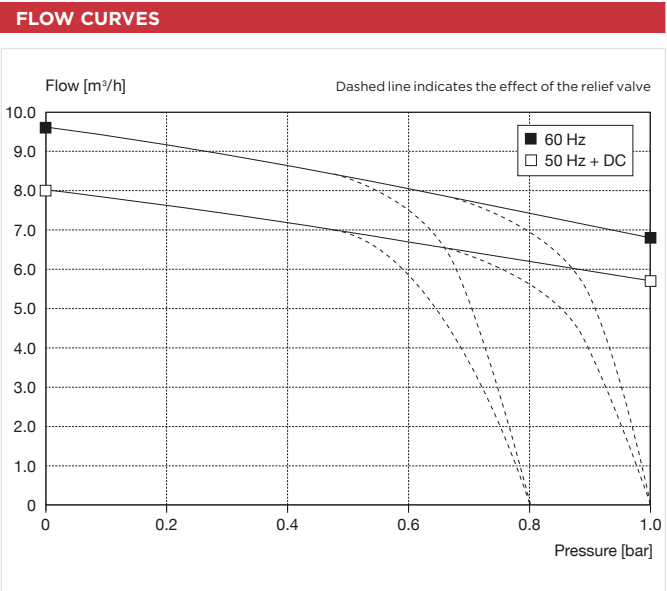


PNEUMATIC DATA				
Description	DTE 8 230/50/60	DTE 8 115/50/60	DTE 8 Three-phase 50/60	DTE 8 24 DC
Part number	23660225	23660226	23660227	23660273
Max. flow	8.0/9.6 m³/h (4.7/5.6 cfm)	8.0/9.6 m³/h (4.7/5.6 cfm)	8.0/9.6 m³/h (4.7/5.6 cfm)	8.0 m³/h (4.7 cfm)
Max. intermittent pressure	0.8 bar (11.6 psi)	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	2750/3300 rpm	2850/3380 rpm	3300 rpm
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
Regulatory approval	cURus, CE	cURus	cURus, CE	-

GENERAL DATA				
Ambient temperature	0 to 50 °C (32 to 122°F)	0 to 50 °C (32 to 122°F)	0 to 50 °C (32 to 122°F)	0 to 50 °C (32 to 122°F)
Weight	8.0 kg (17.6 lbs)	8.0 kg (17.6 lbs)	8.0 kg (17.6 lbs)	9.2 kg (20.3 lbs)
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.



SUPPLIED AS STANDARD	ACCESSORIES
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	Pressure regulator ZRD 12 G 3/8 (part number 31431) Non-return valve ZRK 12 G 3/8 (part number 61803)
SERVICE PARTS	2366... Stock programme
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)	