

**POM-VAK**

VACUUM TECHNOLOGY

Liquid ring vacuum pump

Single-stage pump

PVT275/400

Nominal capacity	: 1000 m ³ /h	<u>Electric motor</u>	
Maximum capacity	: 1450 m ³ /h	50 Hz frequency	: 30 kW
Absolute pressure	: 40 mbar	(60 Hz frequency	: 36 kW)
Vacuum pressure	: -730 mm-Hg	<u>Rotation speed</u>	
(at sea level)		50 Hz frequency	: 1450 rpm
Inlet & outlet port	: DN 100	(60 Hz frequency	: 1750 rpm)
<u>Heat resistance</u>		<u>Service liquid</u>	
dry air	: 200 °C	circulation	: 110 lt/min
saturated air	: 100 °C	inlet port	: 1"
Max. compression pressure	: 0,3 bar	temperature (max)	: 80 °C
Pressure difference	: 1,1 bar	viscosity (max)	: 4 mm ² /s
Initial moment	: 0,14 kg.m ²	density (max)	: 1200 kg/m ³
<u>Weight</u>		amount up to the shaft level	: 16 l
with motor on baseplate	: 545 kg	Noise level	: 68 dB
bareshaft	: 280 kg	(at 80 mbars abs)	

Performance curves

