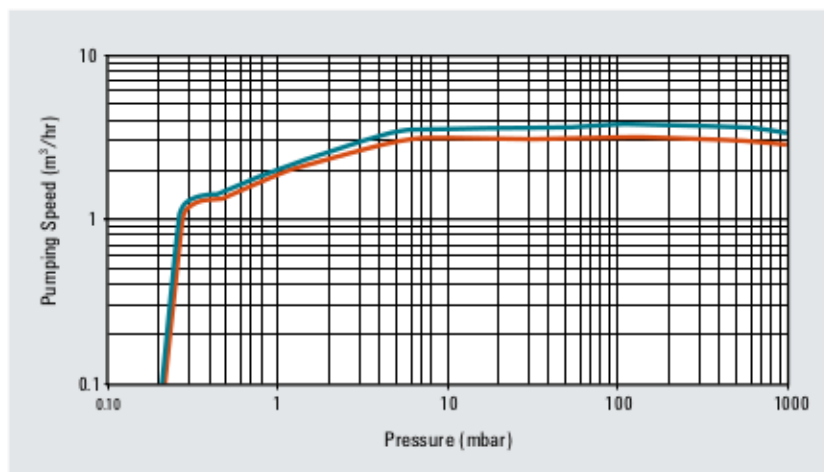


Harrick Plasma PDC-OPE Economy Dry Oxygen Service Pump



Pumping Speed



Technical Specifications

Peak pumping speed	60 Hz:	60 l/m, 3.6 m³/hr, 2.1 cfm
	50 Hz:	50 l/m, 3.0 m³/hr, 1.8 cfm
Ultimate pressure		2.5×10^{-1} torr (3.3×10^{-1} mbar, 33 Pa)
Maximum inlet pressure		1 atmosphere (1.0 bar, 101 kPa)
Maximum outlet pressure		1.4 atmospheres (1.4 bar, 142 kPa)
Inlet connection		NW16 KF flange
Exhaust connection		Female 1/4 in. NPT (10 mm hose barb provided)
Gas ballast connection		Female 1/8 in. NPT
Ambient operating temperature		5 to 40°C (41 to 108°F)
Storage temperature		-20 to 60 °C (-4 to 140°F)
Motor rating		0.16 horsepower (0.12 kW)
Supply power		1Ø - 100 VAC, 50-60 Hz : 115 VAC, 60 Hz : 220-240 VAC, 50-60 Hz
Motor thermal protection		Automatic
Rotation speed	60 Hz:	3200 RPM
	50 Hz:	2600 RPM
Cooling		Air-cooled
Weight		9.5 kg (21 lbs); Shipping-10.5 kg (23 lbs)
Restrictions		No corrosive, explosive, or particulate-forming gases
Leak rate		$<1 \times 10^{-6}$ std-cc/sec helium
Noise level (per ISO 11201)		55 dB(A)
Vibration level at inlet (per ISO 10816-1)		1.5 mm/second
Compliance		Conforms with CE, CSA, CSA/CUS, Semi S2-703, and RoHS

