

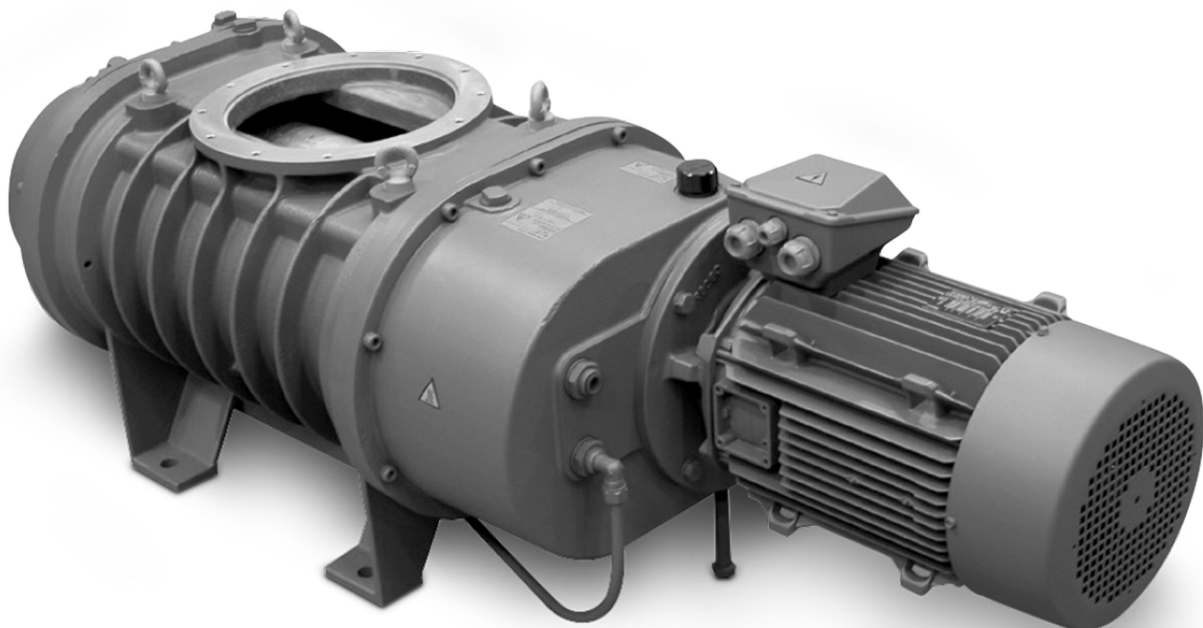


Atlas Copco ZRS 1200

Technical Specifications

	50 Hz	60 Hz
Displacement (swept volume)	1195 m ³ h ⁻¹ / 715 cfm	1435 m ³ h ⁻¹ / 845 cfm
Effective pumping speed with backing pump GVD 80	840 m ³ h ⁻¹ / 495 cfm @ 50 Hz	
Effective pumping speed with backing pump GVD 175	930 m ³ h ⁻¹ / 548 cfm @ 50 Hz	
Pressure differential across pump	0-90 mbar / 0-68 Torr	0-75 mbar / 0-56 Torr
Inlet connection	ISO160	
Outlet connection	ISO100	
Rotational speed	0-2900 rpm	0-3500 rpm
Operating continuous inlet pressure	0-1000 mbar / 0-760 Torr	
Maximum outlet pressure	1000 mbar / 760 Torr	
Motor power	3 kW / 4 hp	
Ambient temperature range (operating)	5 to 40°C / 40 to 104°F	
Maximum operating humidity	90% RH	
Oil capacity (coupling cover)	2.4 litre / 2.5 qt	
Oil capacity (shaft seal reservoir)	0.125 litre / 0.25 qt	
Weight	149 kg / 327.8 lb	

*Water cooling needed for hydrokinetic drive.
Motors conform to EN 60034 and are energy efficient.*





PROVAC

SALES

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Features & Benefits

- highly reliable operating at low pressures
- high quality, oil-free pumping mechanism
- quiet, vibration free operation
- rugged & corrosion resistant
- advanced shaft seal technology with no oil contamination
- minimal maintenance requirements
- dynamically balanced rotors & precision ground gears

Applications

- vacuum packaging • drying & de-gassing • vacuum metallurgy/
distillation • thin film coating • low density wind tunnels • space
simulation • vacuum impregnation • freeze drying