

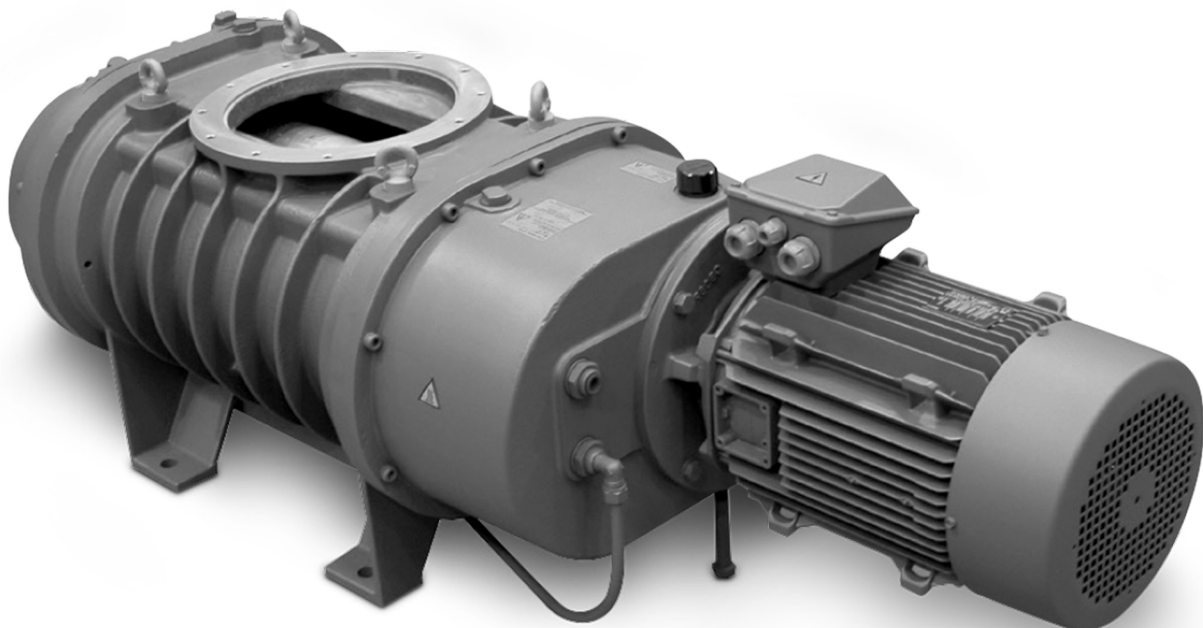


# Atlas Copco ZRS 250

## Technical Specifications

	50 Hz	60 Hz
Displacement (swept volume)	310 m <sup>3</sup> h <sup>-1</sup> / 185 cfm	375 m <sup>3</sup> h <sup>-1</sup> / 220 cfm
Effective pumping speed with backing pump GVD 40	240 m <sup>3</sup> h <sup>-1</sup> / 141 cfm @ 50 Hz	
Effective pumping speed with backing pump GVD 80	274 m <sup>3</sup> h <sup>-1</sup> / 161 cfm @ 50 Hz	
Pressure differential across pump	0-180 mbar / 0-140 Torr	0-150 mbar / 0-115 Torr
Inlet connection	ISO63	
Outlet connection	ISO40	
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	2.2 kW / 3 hp	
Ambient temperature range (operating)	5 to 40°C / 40 to 104°F	
Maximum operating humidity	90% RH	
Oil capacity (coupling cover)	1.5 litre / 1.6 qt	
Oil capacity (shaft seal reservoir)	0.125 litre / 0.25 qt	
Weight	69 kg / 152 lb	

Motors conform to EN 60034 and are energy efficient.





# PROVAC

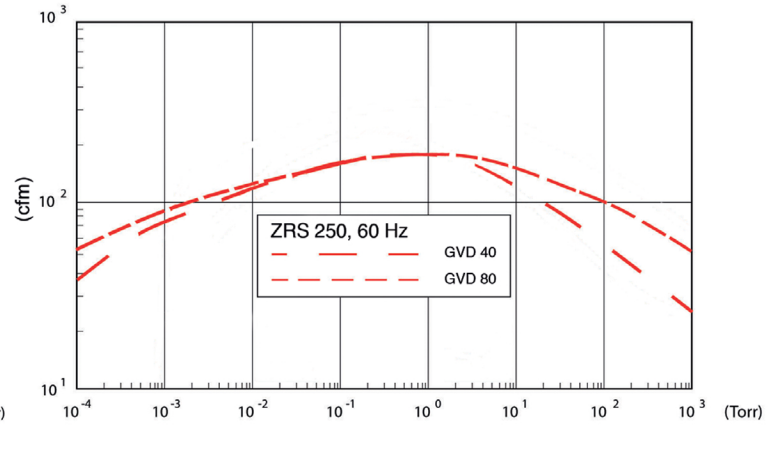
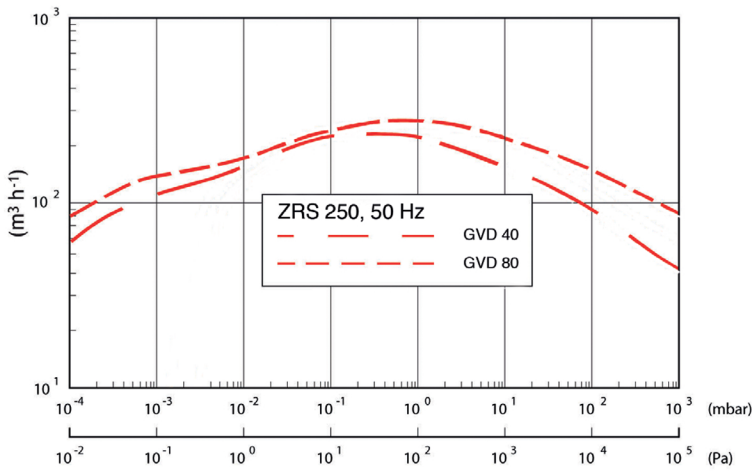
## SALES

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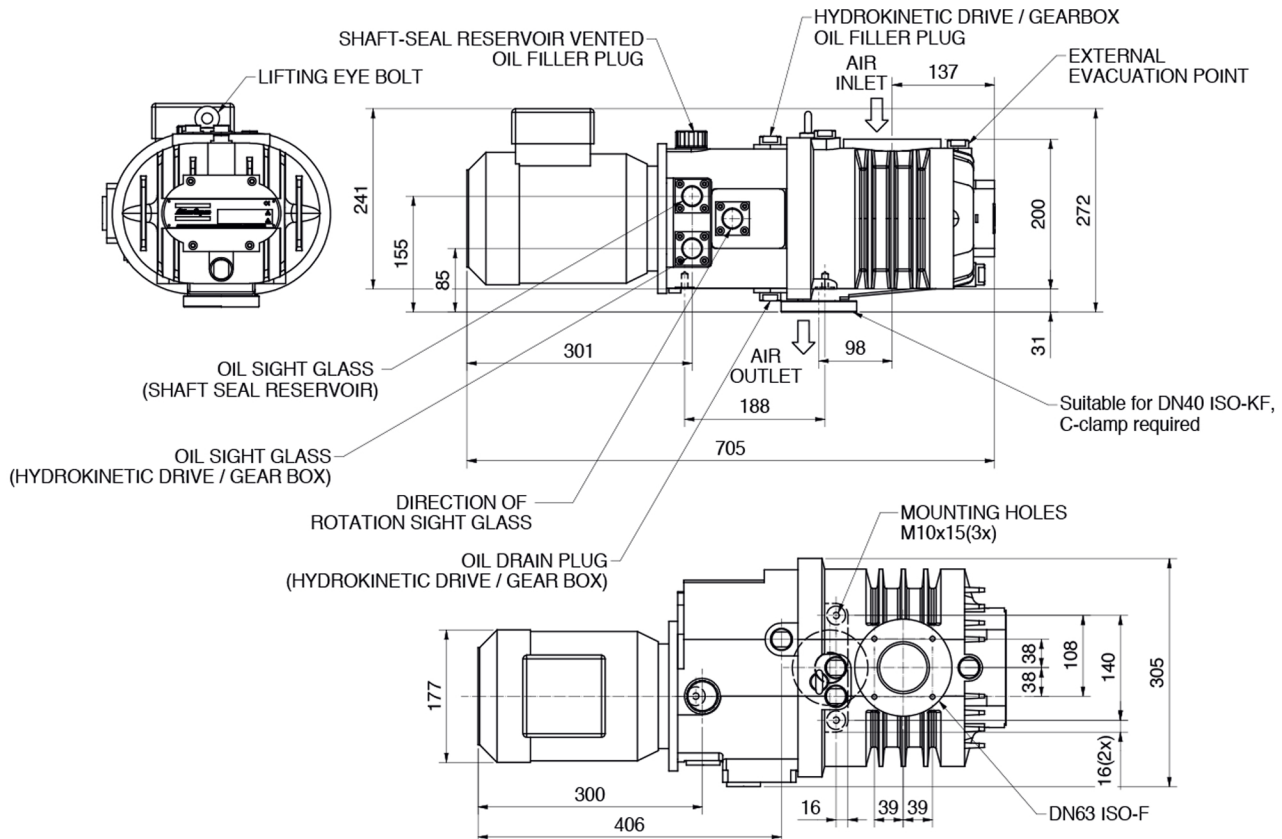
# Atlas Copco ZRS 250 Pumping Curves



Available motor voltages:

- 400 V 50 Hz
- 200/380 V 50 Hz
- 460 V 60 Hz
- 200/380 V 60 Hz

## Dimensions





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## Atlas Copco ZRS 250

### 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