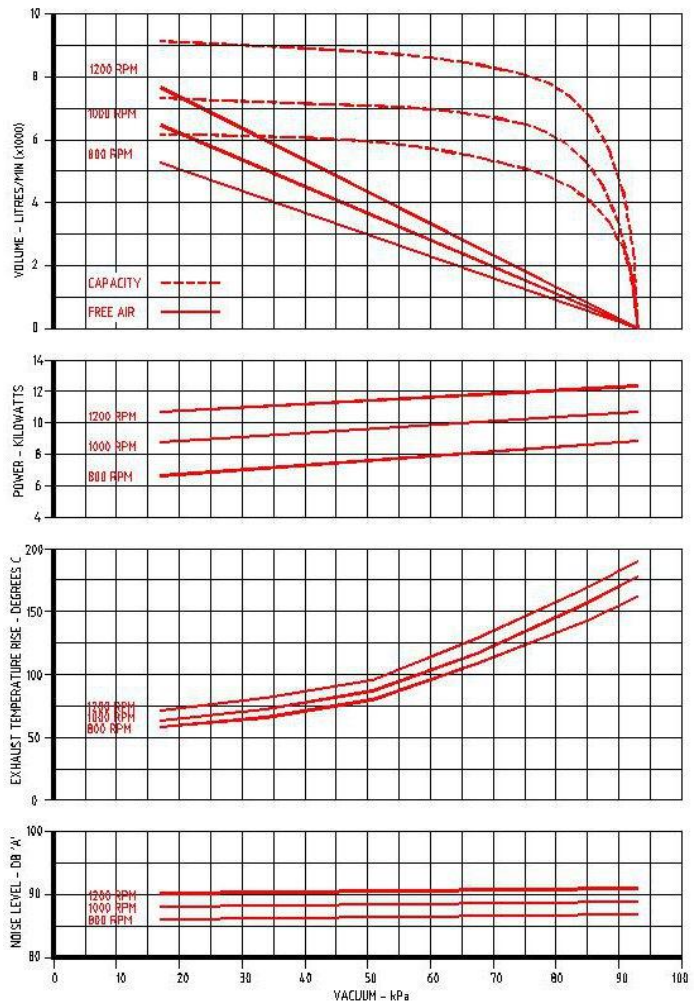




Model MPD300 Dry Rotary Sliding Vane Vacuum Pump

Air Performance Figures



Materials of Construction

Component	Material Specification
Cylinder	Grey Cast Iron EN-GJL-200 / EN-JL-1030 (EN1561)
Coverplates	Grey Cast Iron EN-GJL-200 / EN-JL-1030 EN1561)
Rotor / Shaft Assembly	S.G. Iron EN-GJS-400-15 / EN-JS-1030 (EN1563)
Sleeves	Grey Cast Iron EN-GJL-200 / EN-JL-1030 (EN1561)
Flanges	Grey Cast Iron EN-GJL-200 / EN-JL-1030 (EN1561)
Blades	Resin Bonded Graphite
Ball Bearing	Single row, deep groove ball with metal cage Clearance - Normal
Shaft Seal	Steel cased, Double lip, Viton
Bearing Seal	Steel cased, Double lip, PTFE

BEARING ARRANGEMENT

Ball bearing both ends giving approximate life values of drive end 11000 hours and rear end 19000 hours.

LUBRICATION

Bearings greased for life.

SPEED

Maximum Speed (Continuous)	- 1100	RPM
Maximum Speed (Intermittent)	- 1250	RPM
Minimum Speed	- 800	RPM

TEMPERATURE

Max. Inlet Temp.	- 40	°C
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INERTIA

Moment Of Inertia	- 0.169	Kgm ²
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WEIGHT

Approximate Weight	- 115	kgs
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