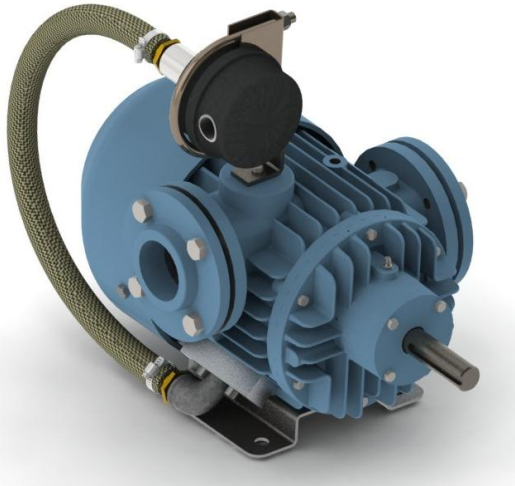




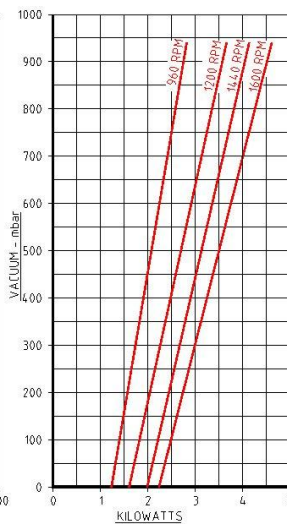
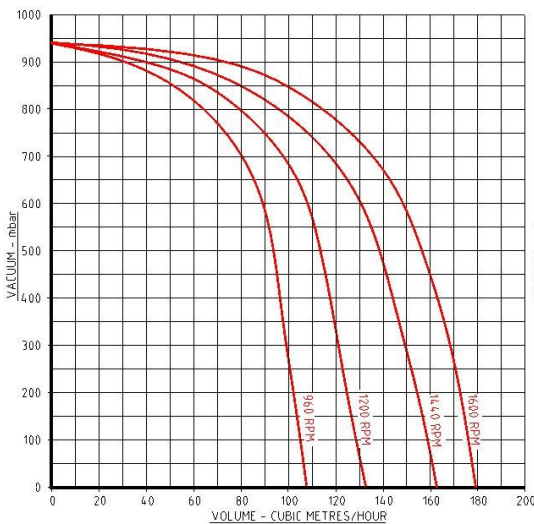
Model D70/R Lubricated Rotary Sliding Vane Vacuum Pump



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	S.G. Iron EN-GJS-400-15 / EN-JS-1030 (EN1563) Electroless Nickel Plated
Blades	Resin Bonded Graphite
Angular Contact Bearing	Single row with metal cage "Back to Back" position Clearance - Normal
Roller Bearing	Single row, cylindrical roller with metal cage Clearance - Normal
Lip Seals	Steel cased, Viton

Performance



SPEED

Maximum Speed	-	1800	RPM
Minimum Speed	-	900	RPM

TEMPERATURE

Max. Inlet Temperature	-	40	°C
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INERTIA

Moment Of Inertia	-	0.048	Kgm ²
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WEIGHT

Approximate Weight	-	62	kgs
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LUBRICATION

Bearings greased using SHELL ALBIDA RA grease.

BEARING ARRANGEMENT

A pair of angular contact bearings at drive end, and a roller bearing at rear end giving approximate life values for drive end of 54000 hours and rear end of 130000 hours.

