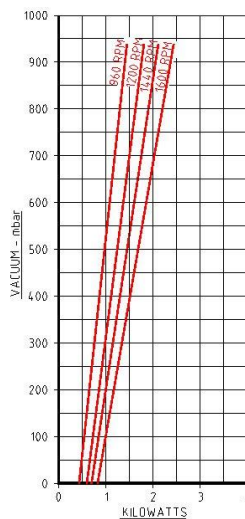
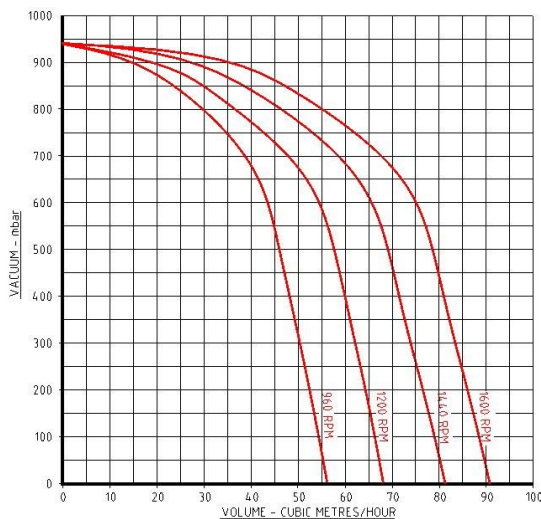


Materials of Construction

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

INERTIA

Moment Of Inertia - 0.026 Kg^m²

WEIGHT

Approximate Weight - 45 kgs

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 both in excess of 100000 hours.

