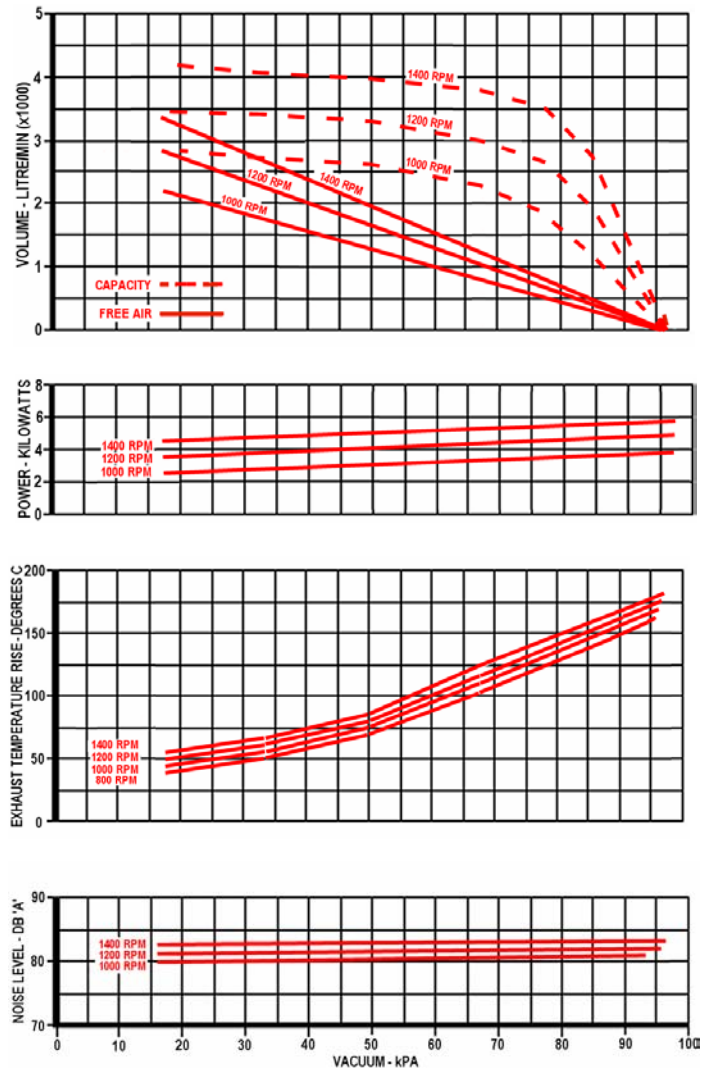


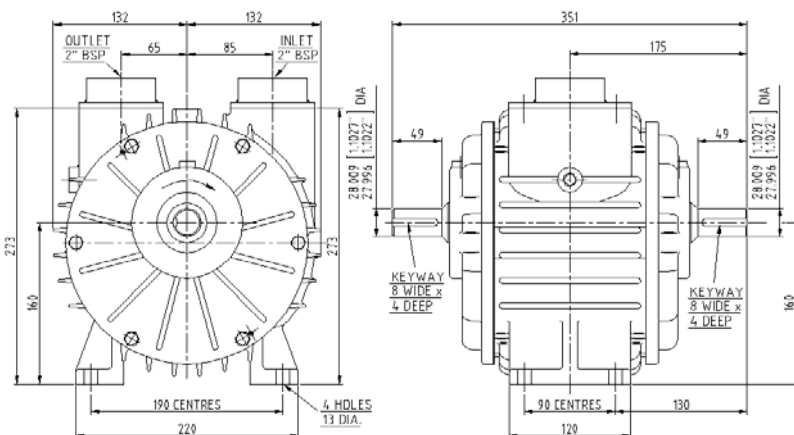


## Air Performance Figures



## 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	Non Asbestos Resin Bonded Fabric
Ball Bearing	Single row, deep groove ball with metal cage Clearance - Normal
Lip Seals	Steel cased, Viton



## SPEED

Maximum Speed	-	1500	RPM
Minimum Speed	-	700	RPM

## TEMPERATURE

Max. Inlet Temp.	-	40	°C
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## INERTIA

Moment Of Inertia	-	0.068	Kgm <sup>2</sup>
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## WEIGHT

Approximate Weight	-	49	kgs
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## LUBRICATION

Bearings and blades lubricated using SHELL Rimula 15W/40 oil

## BEARING ARRANGEMENT

Ball bearing both ends giving approximate life values of 200000 hours drive end and rear end.