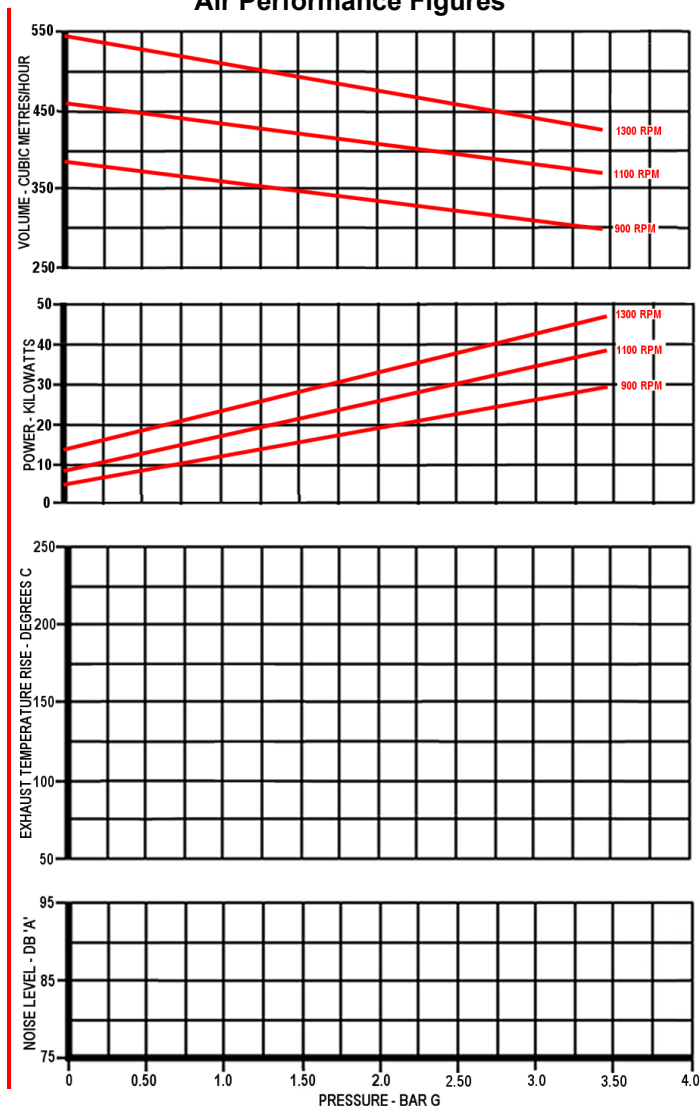
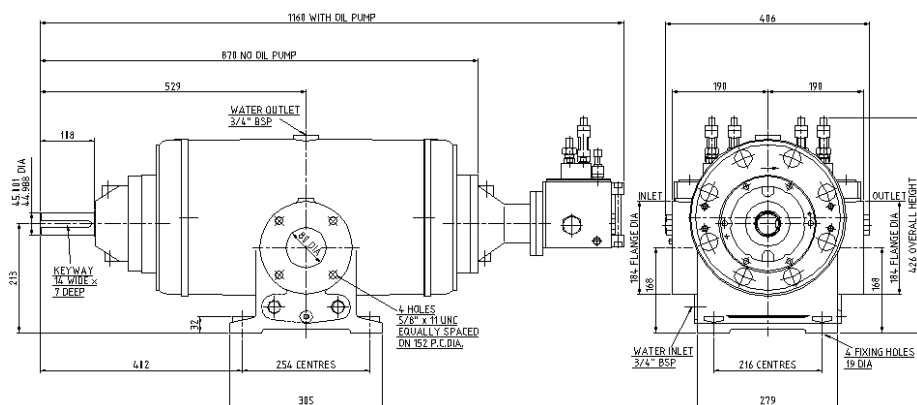


## Air Performance Figures



## Materials of Construction

Component	Material Specification
Cylinder	S.G. Iron EN-GJS-400-15 / EN-JS-1030 (EN1563)
Coverplates	S.G. Iron EN-GJS-400-15 / EN-JS-1030 (EN1563)
Rotor / Shaft	S.G. Iron EN-GJS-400-15 / EN-JS-1030 (EN1563)
End Caps	Grey Cast Iron EN-GJL-200 / EN-JL-1030 (EN1561)
Spacing Ring	Grey Cast Iron EN-GJL-200 / EN-JL-1030 (EN1561)
Blades	Non-Asbestos Resin Bonded Fabric
Ball Bearing	Single row deep groove with metal cage. Clearance - Normal
Roller Bearing	Single row, cylindrical roller with metal cage Clearance - Normal
Lip Seals	Steel cased, Viton
Mechanical Seals	Stainless Steel rings & spring, carbon face, S.G. Iron seat, Viton bellows & O-Ring



## SPEED

Maximum Speed - 1400 RPM  
Minimum Speed - 800 RPM

## TEMPERATURE

Max. Inlet Temp. - 40 °C

## INERTIA

Moment Of Inertia - 0.207 Kg<sup>m</sup><sup>2</sup>

## WEIGHT

Approx. (No oil pump) - 230 kgs  
Approx. (With oil pump) - 250 kgs

## LUBRICATION

Bearings and blades lubricated using SHELL CORENA P150 oil

## BEARING ARRANGEMENT

Ball bearing with roller bearing at drive end and roller bearing at rear end giving approximate life values of drive end 30000 hours and rear end 45000 hours.