



STALKER PUMPS

A Division of STALKER ENGINEERING PTY LTD ABN 50 062 229 412
www.stalkerpumps.com.au

SHD Heavy Duty BPO Bare shaft direct coupled (dc) Series Special Pumps - Heavy Duty Applications

Specialised Design Features

- ❑ Primary design application - mine dewatering.
- ❑ Heavy duty build options available on all 400 and 500mm impeller series ISO class pumps.
- ❑ Suction and Discharge flanges - heavy duty with hole patterns to ANSI Class 150 and 300.
- ❑ Major cast components manufactured from heavy section abrasion resistant white iron complying with AS2027 and heat treated to 600 - 650 Brinell.
- ❑ Additional components cast from heavy section Spheroidal Graphite (SG) iron complying with AS1831 400 Mpa tensile.
- ❑ Impeller material - H3B (AS2074) heat treated stainless steel.
- ❑ Shaft material - alloy steel to AS1444-4140 max. 1100 Mpa UTS with O-ring sealed wear sleeve fitted (material AS2837 - 316 stainless steel).
- ❑ Mechanical Seal Assembly Cartridge type - heavy duty to suit application.
- ❑ Gaskets/Seals/O-rings - insertion rubber/nitrile (viton fluoroelastomer option).
- ❑ Fasteners - 8.8 grade high tensile Zinc coated and 316 stainless steel.
- ❑ Rotating Element Bearings - front angular contact 7316 series & heavy duty ball 6316 (C3) series bearing. Rear - heavy duty 6316 (C3) series ball bearing. Grease feed with purge flingers.
- ❑ Optional builds include compressor assisted pump pre-prime units, base and trailer mounted units.



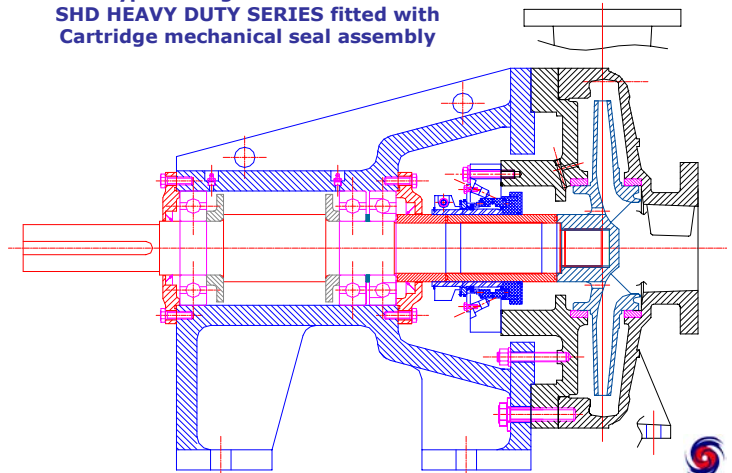
SHD 125/100-400 SPECIAL
Engineering product sample



Rotated view
SHD 125/100-400 SPECIAL
Engineering product sample



Typical Diagrammatic View
SHD HEAVY DUTY SERIES fitted with
Cartridge mechanical seal assembly



Please note our Design, Production, Quality Assurance and Control services are all managed from our Head Office. In support our Service and Maintenance Dept. offer technical back up and spare parts for the operational life of the product thus allowing for full customer service and minimal maintenance downtime.