

SOUTHERN CROSS SXHH

HIGH HEAD DEWATERING PUMPS

HEAVY DUTY, SELF PRIMING SKID MOUNTED DEWATERING PUMPS FOR MINING



FEATURES

Skid mounted with balanced lifting lugs for simple transport and unloading.

Low centre of gravity for excellent pontoon mounted balance and safety.

Cummins turbo diesel engines.

4000 litre (8784G) fuel tank built into skid.

Fully digital engine control panel and management system in lockable stainless steel cabinet with perspex viewing window and security code.

Automatic vacuum operated self priming unit.

Heavy duty reinforced mild steel skids with bisalloy wear plates on underside and front and rear nudge bars.

Replacable wear liners.

Oil lubricated angular contact roller bearings in wet end and double row deep groove ball bearings in drive end.

AS2129 Standard Table "E" flanges.

Expeller seal fitted as standard.

Packed gland with product lubrication fitted as standard.

APPLICATIONS

Dewatering in:
Mining
Industry
Civil Construction
Flood Mitigation
Coffer Dams
Pontoon Mounted Applications

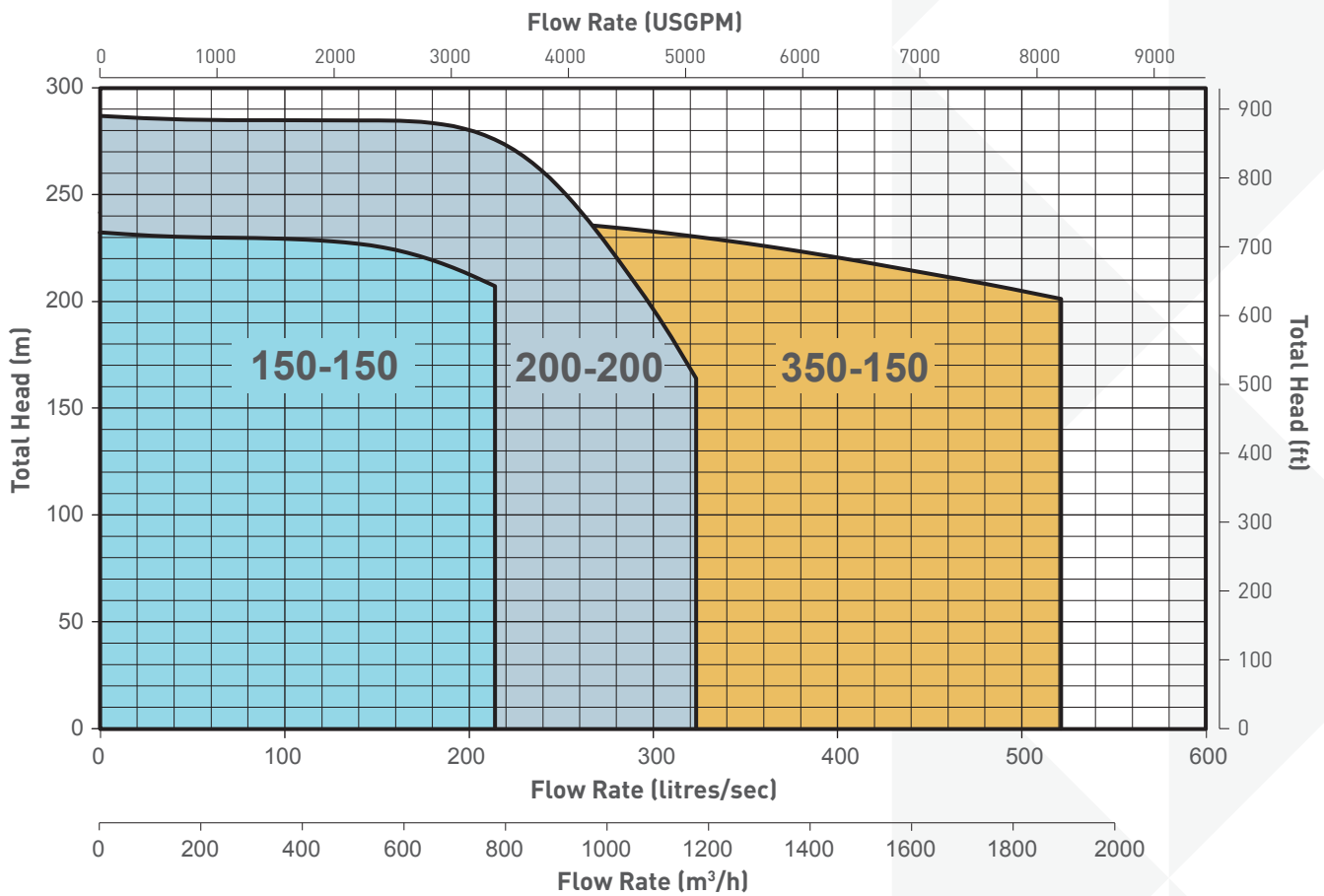
OPTIONS

316 Stainless steel or SAF2205 mechanical shaft seal with a range of seal face materials.
Modbus remote control/data diagnostics.
Regreasable or oil lubricated bearings.
External clean water gland flushing.
Alternative flange drilling.

OPERATING LIMITS

Capacity	up to 1850m ³ /hour (8140 USGPM)
Head	up to 185 metres (595 ft)
Discharge	200mm (8")
Max. Solid Size	50mm (2")
Max. Self Priming	8m (25.7ft)
Self Priming Vacuum	112cfm
Pumped Liquid	Clean Water Solids Laden Water

PERFORMANCE



MATERIALS OF CONSTRUCTION

Description	Material
Suction Spool	Cast Iron
Front Cover	27% Chrome White Iron
Back Cover	27% Chrome White Iron
Impeller	27% Chrome White Iron
Wear Liner	27% Chrome White Iron
Expeller	27% Chrome White Iron
Stuffing Box	Cast iron
Shaft Sleeve	304 Stainless Steel
Gland	Teflon Packing
Optional Mechanical Seal ¹	316 Stainless Steel or SAF2205
Shaft	Carbon Steel
Bearing Housing	Cast Iron
Bearing Frame	Cast Iron
Skid	Reinforced Mild Steel
Skid Wear Plates	Bisalloy
Nudge Bars	Bisalloy



PENTAIR SOUTHERN CROSS

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