

SOUTHERN CROSS SU SERIES HIGH HEAD SELF PRIMING PUMPS

SIMPLE AND RELIABLE OPERATION, MAINTENANCE AND PERFORMANCE



FEATURES

Back pullout design allows the removal of the rotating assembly without the removal of the suction and discharge pipework.

Maintenance hatch allows easy access to pump casing and impeller to remove blockages and conduct maintenance.

6 vane high efficiency open impeller allows passage of solids up to 32mm (1.25").

External shimless adjustment of the impeller allows changes to clearances without opening pump casing.

316 stainless steel mechanical shaft seal with titanium/tungsten carbide faces are fitted as standard. Alternative mechanical seals and o-ring materials are available to suit specific applications and installations.

A range of internal coatings and external paint options are available.

Wide range of pump construction materials available.

APPLICATIONS

Waste Water
Dewatering
Processing
Raw Water
Irrigation
Mining
Agriculture

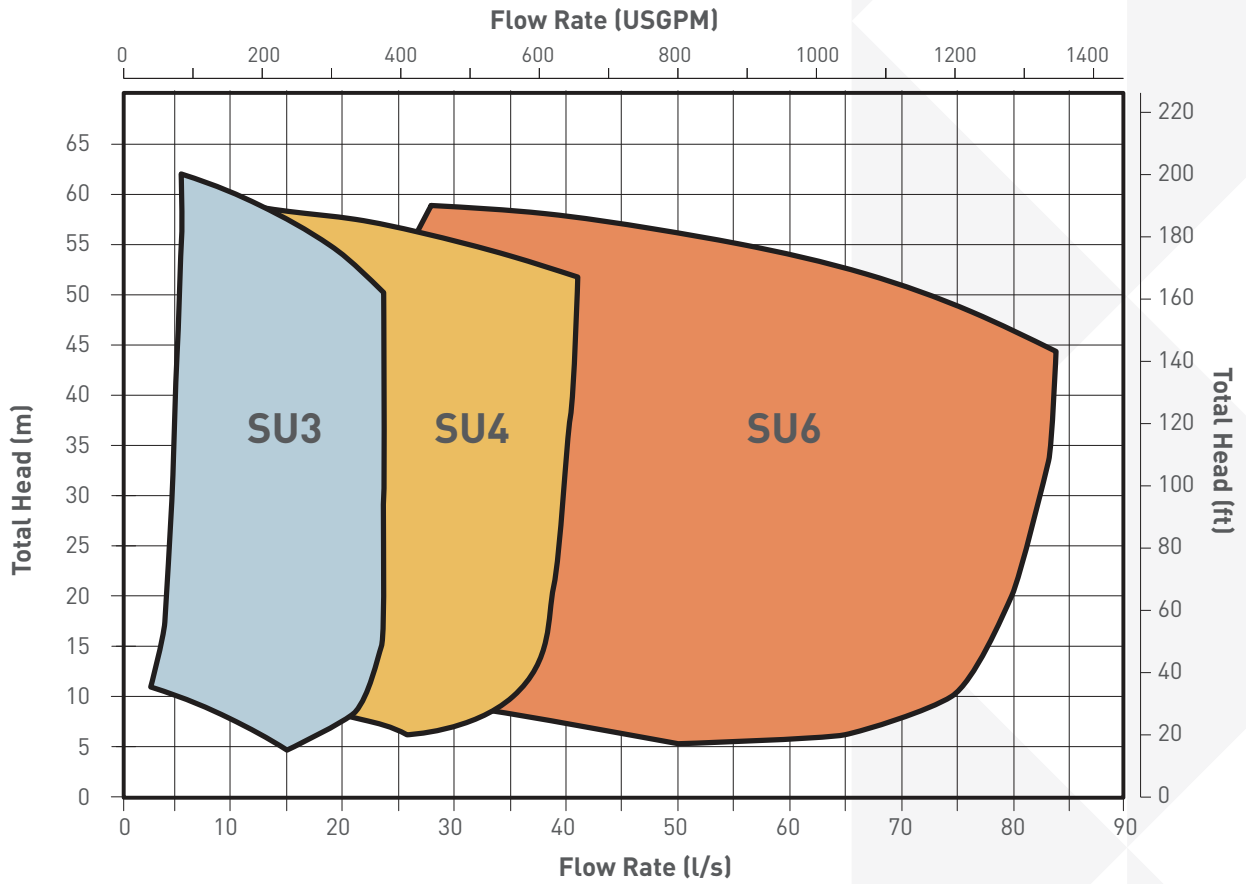
PUMP CONSTRUCTION MATERIALS

Cast Iron
A216 Cast Steel
CD4MCu
Austenitic Ductile Iron
304 Stainless Steel
316 Stainless Steel
C276 Hastelloy

OPERATING LIMITS

| | |
|-------------------|--------------------------|
| Models | 3 - 6 inch (75-150mm) |
| Capacity | 2.8-85l/s (44-1340USGPM) |
| Max Head | 62 metres (200') |
| Max. Self Priming | 7.6 m (24.5') |
| Max. Solid Size | 21-32mm (0.8"-1.25") |

PERFORMANCE



| Pump Speed | Self Priming Depth | | |
|------------|--------------------|-------------|-------------|
| | SU3 | SU4 | SU6 |
| 850RPM | 2.4 (8') | 2.4 (8') | 2.4 (8') |
| 1150RPM | 2.9 (9.3') | 3.0 (9.7') | 3.0 (9.7') |
| 1450RPM | 4.5 (14.5') | 3.6 (11.6') | 4.2 (13.5') |
| 1750RPM | 7.6 (25') | 3.6 (11.6') | 4.5 (14.5') |
| 1950RPM | 7.6 (25') | 4.5 (14.5') | 4.5 (14.5') |
| 2150RPM | 7.6 (25') | 5.2 (16.7') | |



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