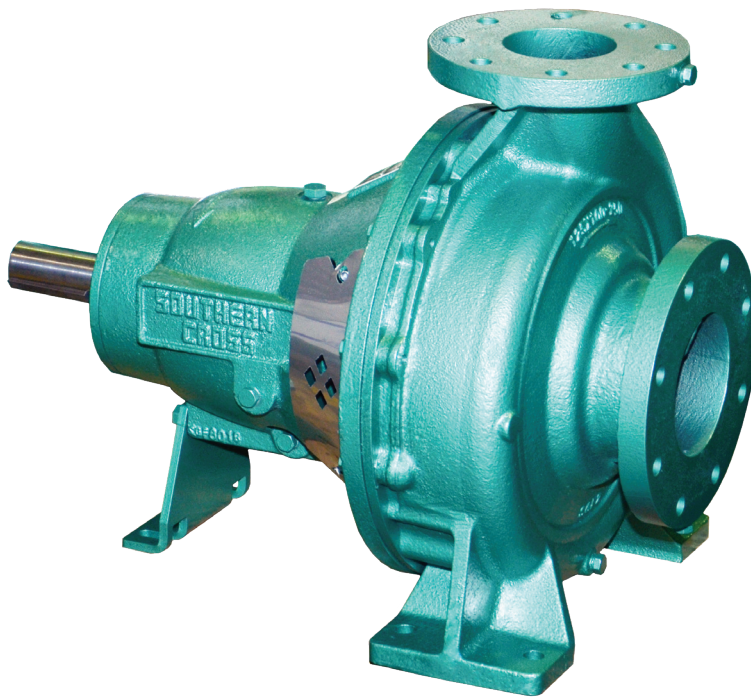


SOUTHERN CROSS ISO SOVEREIGN ISO 2858 STANDARD END SUCTION CENTRIFUGAL PUMPS

BENCHMARK CENTRIFUGAL PUMPING PERFORMANCE AND RELIABILITY



FEATURES

Superior hydraulic design for higher efficiencies and reduced operating cost.

High efficiency double curvature impeller vanes.

32 to 200mm (1¹/₄" - 8") discharge.

Cast iron, zinc free bronze or stainless steel construction.

Wide range of options.

AS2129 Table "E" flanges as standard with optional drillings available.

Back-pullout design allows removal of the pump rotating element without the removal of motor or suction and discharge lines for maintenance

Heavy duty sealed for life grease packed ball bearings.

Taper mounted and keyed impeller.

Horizontal or vertical pump discharge mounting.

APPLICATIONS

Irrigation
Building Services
Fire Protection
Industry
Processing
Agriculture

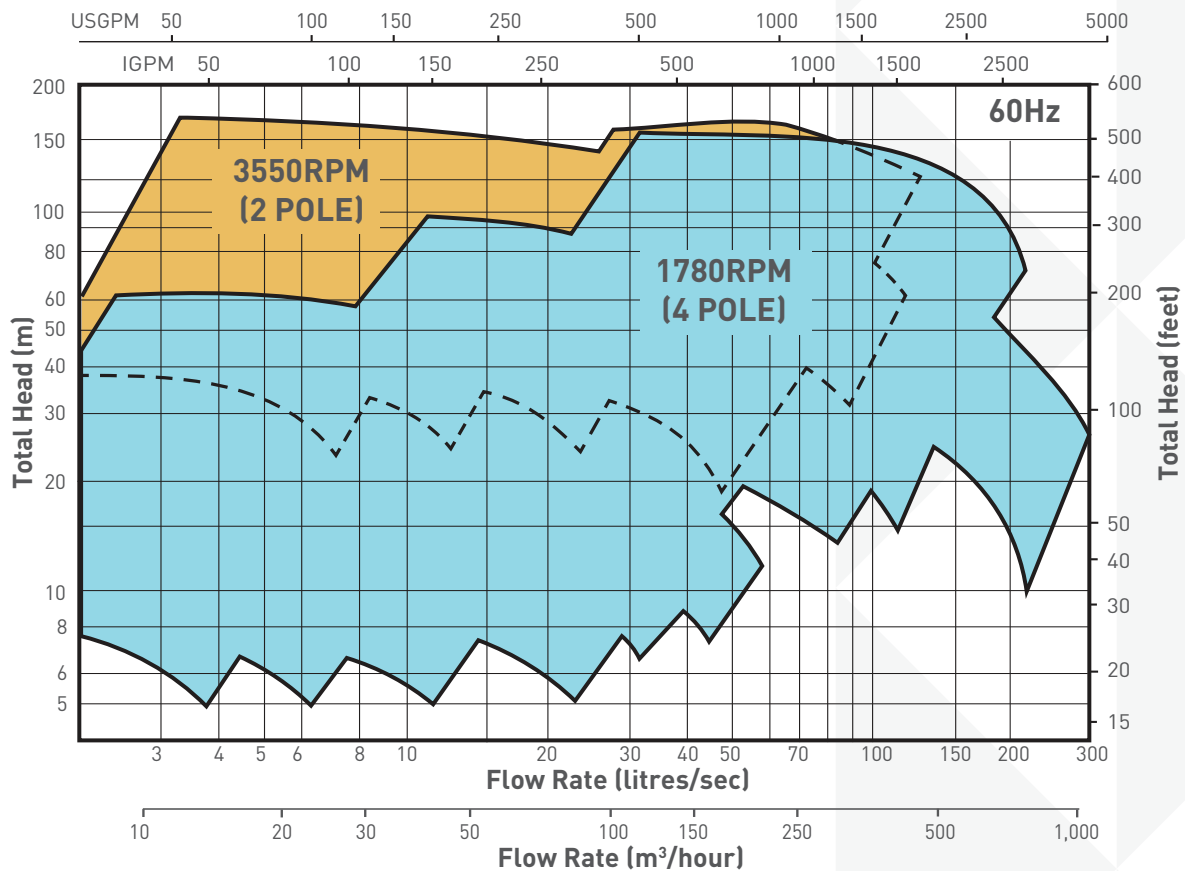
OPTIONS

Wear Rings
Mechanical Seal or Packed Gland Seal
Paint and Internal Coatings
Materials of Construction
Flange Drillings
Works Certified and Witness Testing
Impeller Turndowns
Flexible and Spacer Couplings
Pressed or Welded Baseplates

OPERATING LIMITS

Capacity	Maximum 300 litres/sec (Max. 4750USGPM)
Head	Maximum 160 metres (Max. 515 feet)
Liquid Temp.	0°C to +100°C (32°F - 212°F) Up to 140°C (284°F) with high temp. seals
Pumped Liquid	Clean Water

PERFORMANCE



MATERIALS OF CONSTRUCTION

Description	Standard	Optional		
Volute Casing ¹	Cast Iron			
Bearing Cover	Cast Iron			
Impeller Nut & Lock Washer	316 Stainless Steel			
Backplate ¹	Cast Iron			
Impeller ¹	Cast Iron	316 Stainless Steel		
Shaft Key	Key Steel			
Bearing Housing	Cast Iron			
Shaft	431 Stainless Steel			
Support Foot	Mild Steel			
Casing Plug	Mild Steel Zinc Plated			
Impeller Key	Key Steel			
Casing O-Ring	Lurene	EPDM	Viton	Nitrile
Gland Flushing Plug ¹	Cast Iron			
Mechanical Seal ²	Carbon/Ceramic/Nitrile	SIC/SIC/Viton		
Packed Gland	Roflon			
Wear Rings	Zinc Free Bronze			

- 316 Stainless Steel, Duplex, Super Duplex, Durimet 20, CD4MCu, marine bronze, Ni-Resist and other exotic materials are available with the ISO PRO pump.
- Optional mechanical seals include single and double cartridge, high temperature, hydro carbon, sea water and other options to suit particular applications.



PENTAIR SOUTHERN CROSS

8618 Warrego Highway, Withcott, QLD 4352, Australia. www.southerncross.pentair.com

All Pentair trademarks and logos are owned by Pentair, Ltd. All other brand or product names are trademarks or registered marks of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

Pentair is an equal opportunity employer.

A.B.N. 83 000 922 690 © 2012 Pentair, Ltd. All Rights Reserved.

© 2013 Pentair Southern Cross