

# SOUTHERN CROSS CENTURION

## HORIZONTAL SPLIT CASE PUMPS

DOUBLE SUCTION SPLIT CASE PUMPS FOR HIGH VOLUME WATER TRANSFER



### FEATURES

43 models ranging from 80mm to 400mm discharge.

Simple servicing and maintenance.

Removable top cover allows access for maintenance without removing suction and discharge pipework.

Deep groove, grease lubricated bearings as standard.

Horizontal or vertical installation.

High efficiency, balanced impeller.

420 stainless steel shaft with 316 stainless steel shaft sleeves.

Replaceable 316 stainless steel wear rings fitted as standard.

High quality mechanical seals fitted as standard.

Available in a range of material specifications.

### APPLICATIONS

Fire Protection  
Municipal Supply  
Industry and Processing  
Irrigation  
Dewatering  
Flood Mitigation  
General Water Transfer

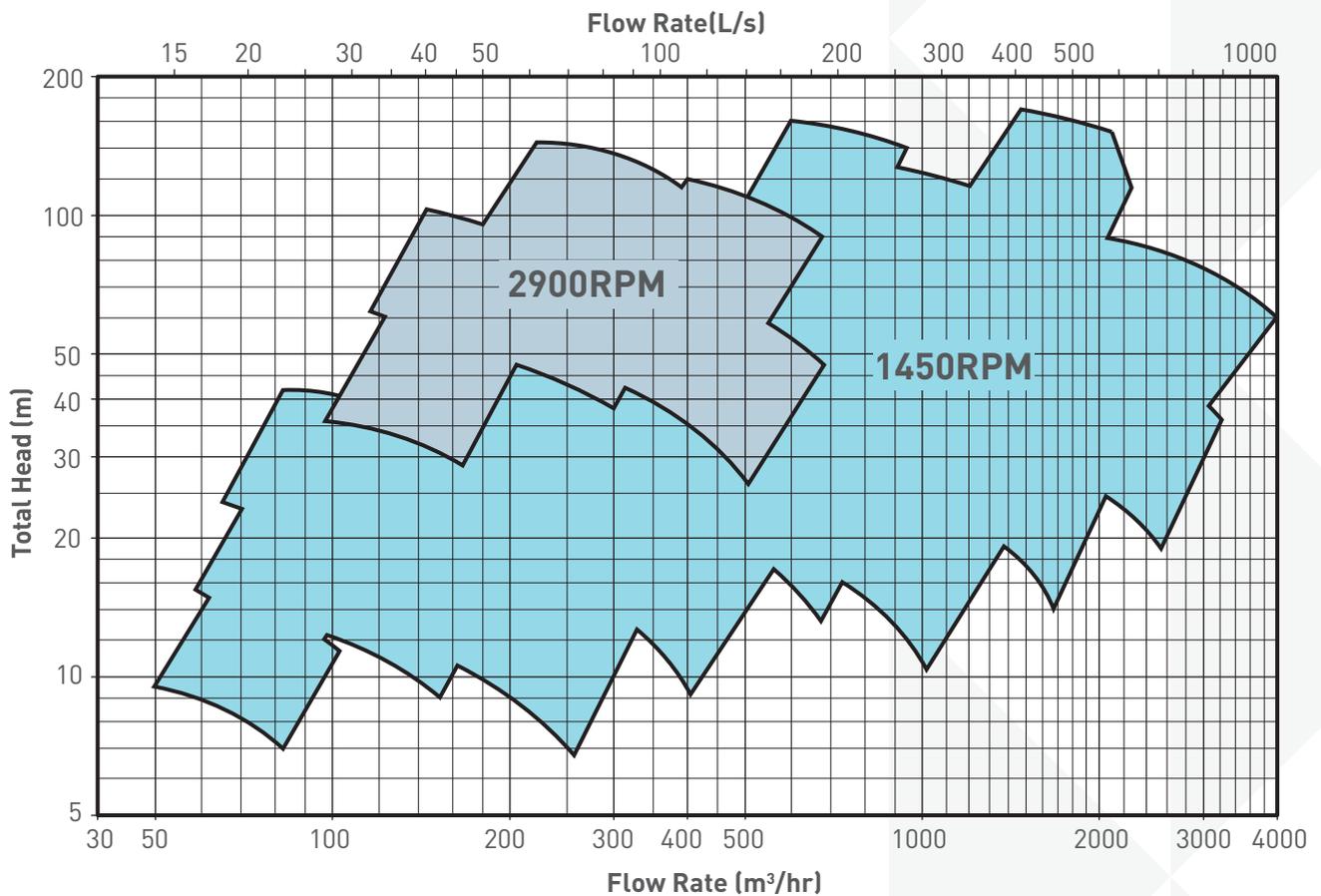
### OPTIONS

Vertical configuration with double row, grease lubricated angular contact bearings in drive end and product lubricated composite bush bearing in non-drive end.  
Oil lubricated bearings.  
Heavy duty double row ball bearings.  
Single or double mechanical seals.  
Packed gland seals with optional external flush.  
External cooling.

### OPERATING LIMITS

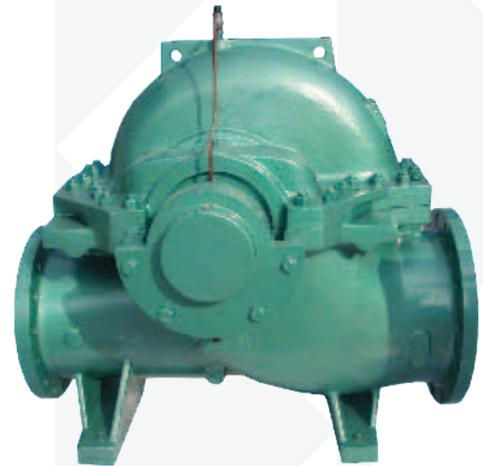
Capacity	Max. 4000m <sup>3</sup> /hour
Head	Max. 160 metres
Liquid Temp.	up to +130°C
Pumped Liquid	Clean Water

## PERFORMANCE



## MATERIALS OF CONSTRUCTION

Part Description	Cast Iron	Ductile Iron	Stainless Steel
Casing	Cast Iron	Ductile Iron	316SS
Casing Top	Cast Iron	Ductile Iron	316SS
Impeller	316SS	Ductile Iron	316SS
Gland	Cast Iron		316SS
Shaft		420SS	
Wear Ring		316SS	
Bearing Housing		Cast Iron	
Shaft Sleeves		316SS	
Mechanical Seal		SiC v SiC	
Coupling Hub		Steel	
O-rings		NBR or FPM	



### PENTAIR SOUTHERN CROSS

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