

SOUTHERN CROSS SS

STAINLESS STEEL HELICAL ROTOR PUMPS

CORROSION RESISTANT PEDESTAL AND BOREHOLE POSITIVE DISPLACEMENT PUMPS



FEATURES

Designed and manufactured in Australia.

Simplicity of design and reliable operation.

Wide operating range for variable output.

Grease lubricated, packed for life bearings.

Flexible stainless steel whip shaft designed to flex with eccentric rotations of rotor and eliminate the need for costly universal joints.

Particularly well suited to low volume high pressure work.

Pedestal or borehole mounting with electric, engine or belt drive.

Combination discharge head and vertical belt drive heads for electric motor mounting or quarter twist vee belt drive available for borehole applications.

Bareshaft or direct coupled motor/pump pedestal mounted units.

APPLICATIONS

General Water Transfer
Stock Watering
Domestic Supplies
Agriculture

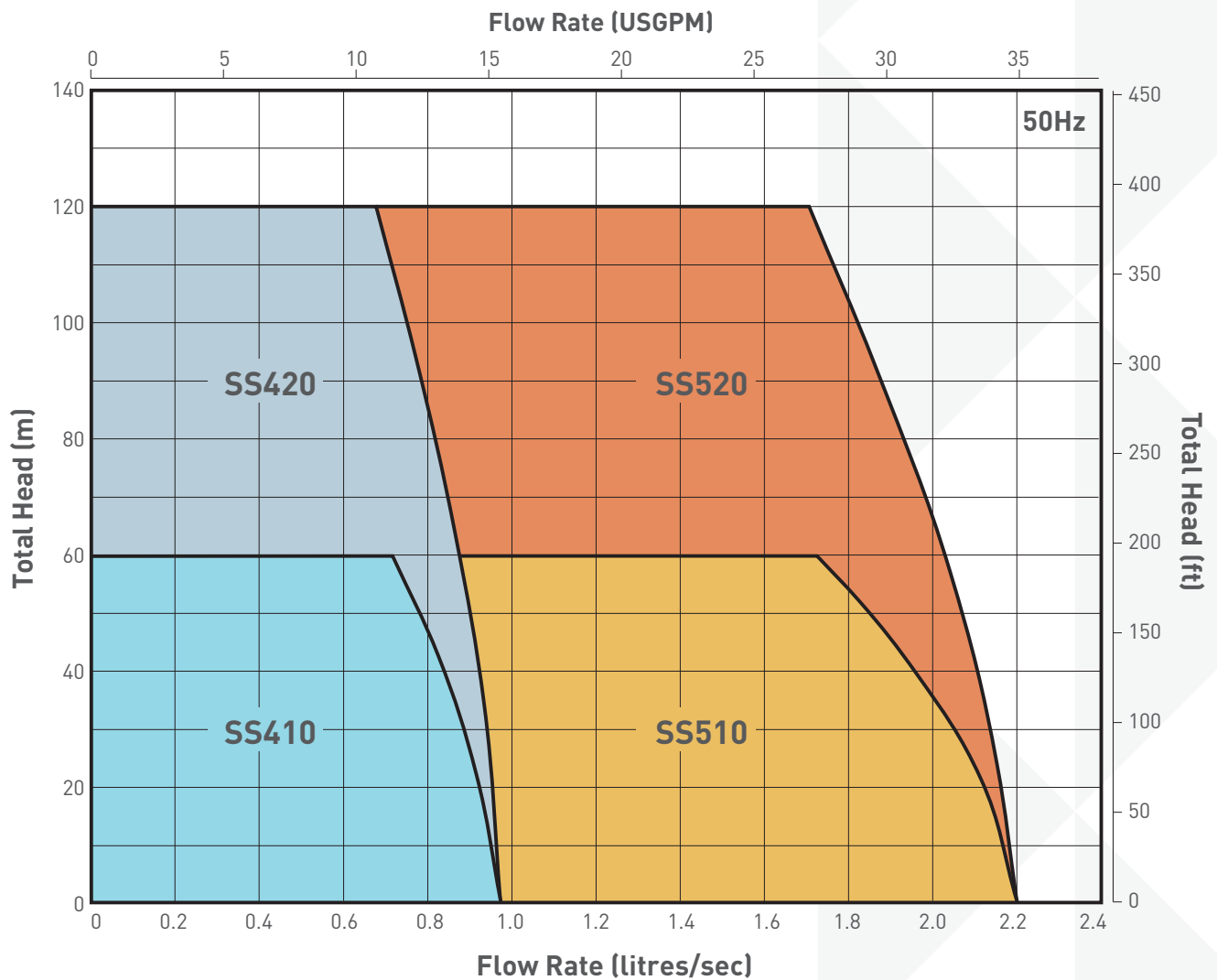
CONSTRUCTION MATERIALS

Pedestal	Cast Iron
Bearing Housing	Cast Iron
Pump Outlet	Cast Iron
Pump Outlet Pipe	Cast Iron
Stator	Rubber
Whip Shaft	Stainless Steel
Helical Rotor	Chrome Plated Stainless Steel

OPERATING LIMITS

Capacity	Max. 2.2 l/sec (35USGPM)
Head	Max. 120m (386ft)
Max Water Temp.	Max 37°C (99°F)
Pumped Liquid	Clean Water

PERFORMANCE



Pump Model	Pedestal Motorpump	Line Shaft Borehole	No. of Stages	Max. Head (m)	Max Output (l/sec)
SS410	SSM410 - 0.75kW	SSB410	1	60	1
SS420	SSM420 - 1.5kW	SSB420	2	120	1
SS510	SSM510 - 2.2kW	SSB510	1	60	2.2
SS520	SSM520 - 3.7kW	SSB520	2	120	2.2



PENTAIR SOUTHERN CROSS

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

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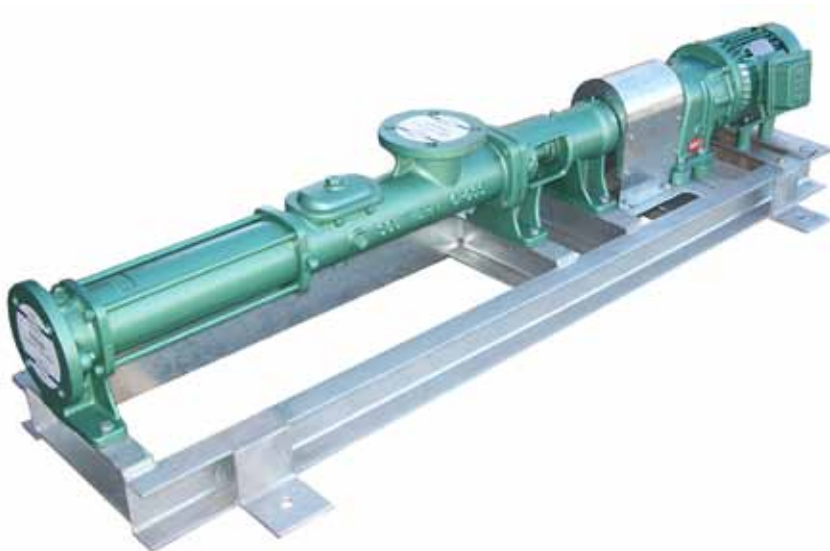
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SOUTHERN CROSS T SERIES

PEDESTAL MOUNTED HELICAL ROTOR PUMPS

PROGRESSIVE CAVITY POSITIVE DISPLACEMENT PUMPS



FEATURES

Designed and manufactured in Australia.

Pump to high heads or over long distances.

High efficiency, low maintenance.

Constant non-pulsing discharge in either direction.

Low power and running costs.

Wide operating speed range for variable output.

50mm and 100mm (2" & 4") AS2129 Table 'E' flanged connections.

Packed gland, single or double mechanical shaft seal.

Keyed, bare shaft, pulleys or coupling drive options as required.

Optional access ports and cover plates for removing blockages (TDH/TDJ only).

Optional rotor drive shaft to prevent solids from impeding drive shaft.

APPLICATIONS

General Water Transfer
Soft Macerated Sewage
Soft Abattoir Effluent
Tallow and Blood
Animal and Vegetable Oils
Piggery Effluent
Light Slurries

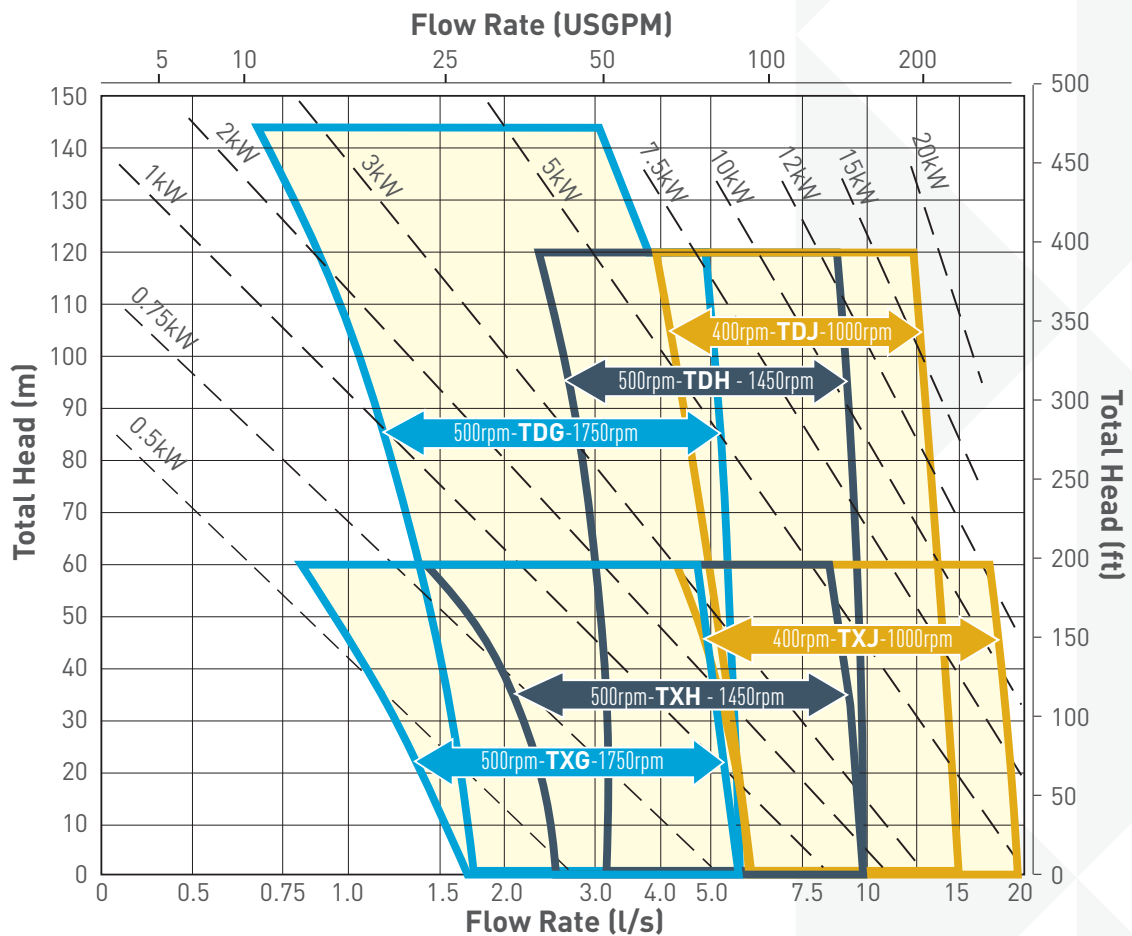
CONSTRUCTION MATERIALS

Pedestal	Cast Iron
Bearing Housing	Cast Iron
Pump Outlet	Cast Iron
Pump Outlet Pipe	Cast Iron
Stator	Rubber
Drive Shaft	Stainless Steel
Whip Shaft	431 Stainless Steel
Helical Rotor	Chrome Plated Stainless Steel

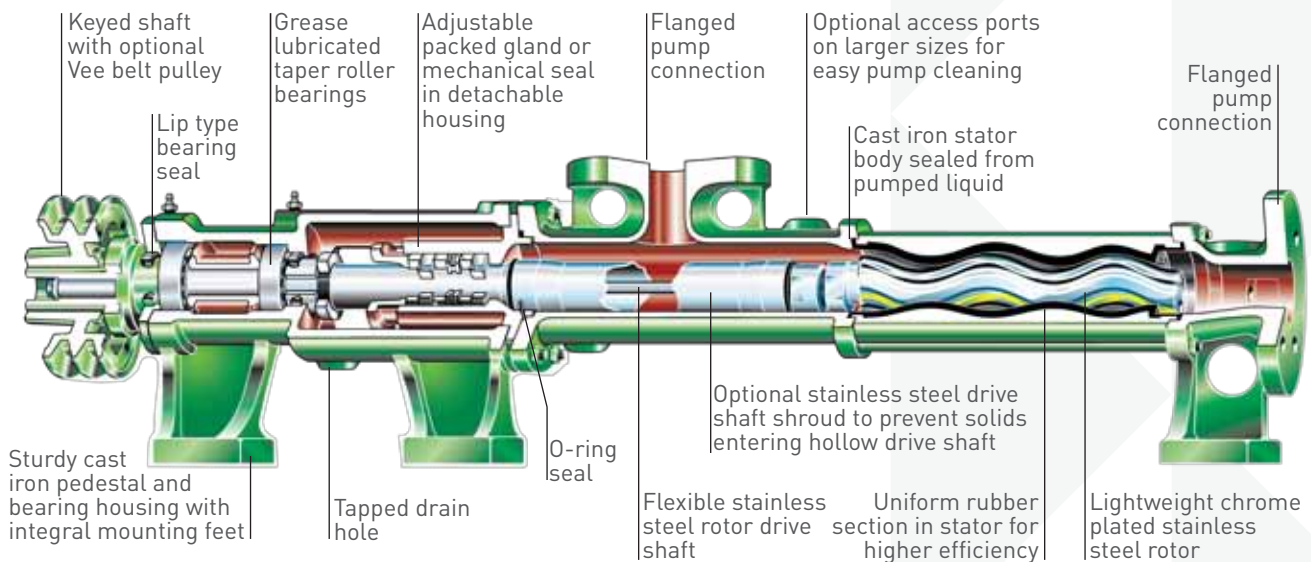
OPERATING LIMITS

Capacity	Max. 15 l/sec (238USGPM)
Head	Max. 144m (463ft)
Max Water Temp.	37°C (99°F)

PERFORMANCE



FEATURES



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