

SOUTHERN CROSS LA

VERTICAL SHAFT DRIVEN TURBINE PUMPS

HIGH EFFICIENCY, HEAVY DUTY CORROSION RESISTANT SUBMERSIBLE PUMPING PERFORMANCE



FEATURES

Designed and manufactured in Australia.

High efficiency for reduced running costs.

Heavy duty zinc free bronze construction as standard. Stainless steel construction option available.

Impeller trimming allows exact matching of pump duty points to maximise efficiency and minimise power costs.

Can operate at any angle from vertical to horizontal.

Built-in stainless steel non-return valve.

Shaft driven from surface mounted vertical shaft electric motor or PTO driven right angle gear drive head.

Screwed pump outlet connections:
 LAA, LAB & LAD 100mm (4" BSPF)
 LAH 125mm (5" BSPF)
 LAJ 150mm (6" BSPF)

Optional zinc free bronze wear rings.

APPLICATIONS

Mining
 Industrial
 Community Supplies
 Stock Watering
 Irrigation

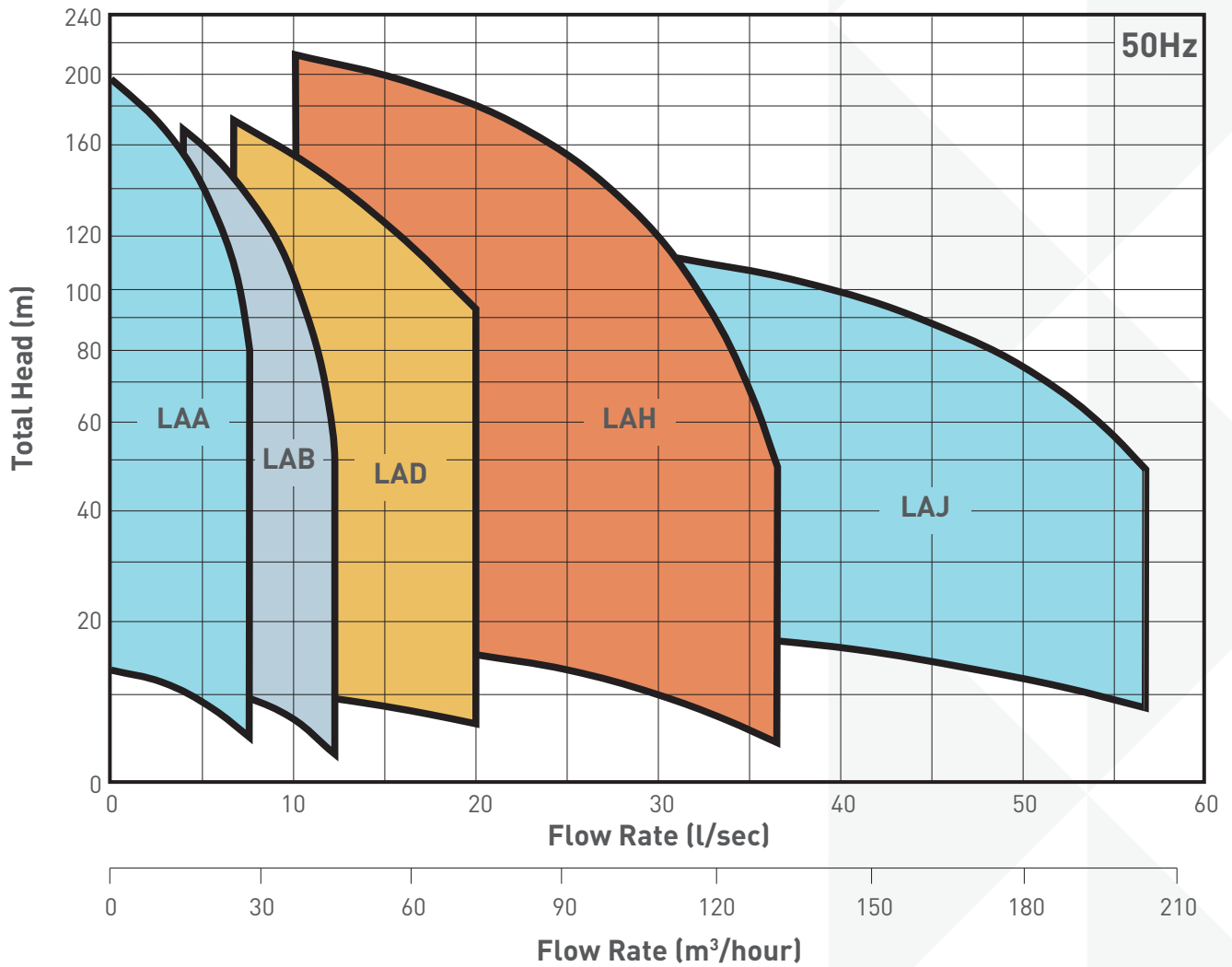
PUMP CONSTRUCTION MATERIALS

Shaft	302 Stainless Steel
Impeller	Phosphor Bronze
Impeller Sleeve	431 Stainless Steel
Shaft Bearings	Natural Rubber
Cable Protector	302 Stainless Steel

OPERATING LIMITS

Capacity	Maximum 180m ³ /hour
Head	Maximum 200 metres
Max Water Temp.	+40°C
Pumped Liquid	Clean Water

PERFORMANCE



Pump Model	Max. Outside Diam. (mm)	Max. No Stages	Max Working Pressure (kPa)	Pump Outlet Screwed BSP (mm)	Pump Shaft Screwed UNF (mm)	Pump Mass (kg)	
						Single Stage	Each Add. Stage
LAA	133	15	2060	100 (4")	19mm (3/4")	16	5
LAB	133	15	2060	100 (4")	19mm (3/4")	16	5
LAD	133	15	1885	100 (4")	19mm (3/4")	18	6
LAD	159	15	1885	125 (5")	19mm (3/4")	18	6
LAH	172	12*	2350	100 (4")	25mm (1")	25	10
LAH	172	12*	2350	125 (5")	25mm (1")	25	10
LAJ	184	7	1470	150 (6")	25mm (1")	37	16

* Maximum number of stages for LAH is 5 using 19mm (3/4") drive shaft and 12 using 25mm (1") drive shaft.



PENTAIR SOUTHERN CROSS

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