

SOUTHERN CROSS SBI

VERTICAL MULTI-STAGE PUMPS

CORROSION RESISTANT STAINLESS STEEL VERTICAL MULTISTAGE PUMPS



FEATURES

All wetted parts 304 grade stainless steel (SBI).

Available with all wetted parts 316 grade stainless steel (SBN).

High efficiency, low maintenance.

TEFC electric motors to IP55.

Low noise operation.

Vertical design with small footprint.

Mechanical seal to DIN24960.

Silicon Carbide, product lubricated bearings.

High quality stainless steel cartridge type mechanical seal fitted as standard.

Cast Iron flanges with drilling to DIN (ISO), ANSI Class 300, ISO2129 (Table D/E & Table F/H)

APPLICATIONS

Domestic Water Boosters
 Sprinkler/Firefighting
 Seawater Pumping
 Chemical/Processing
 Food and Beverage
 Irrigation
 Potable Water Supply
 Boiler Feed
 HVAC

PUMP CONSTRUCTION MATERIALS

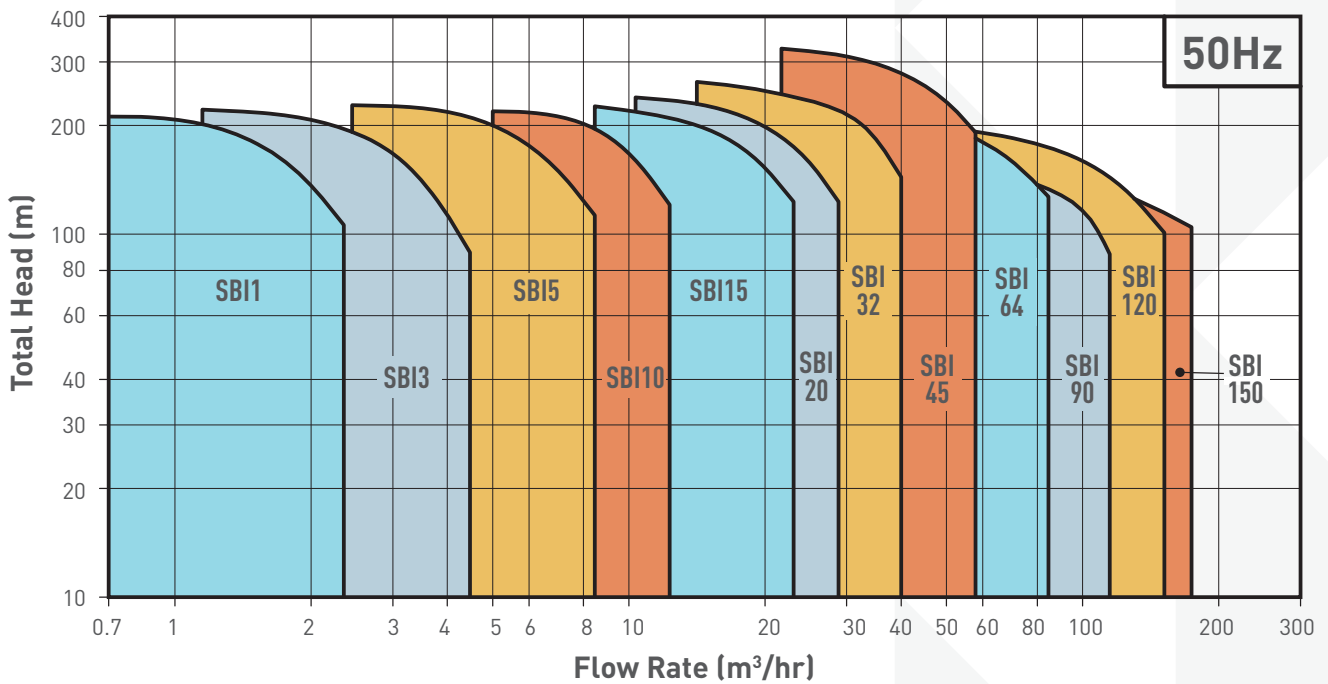
Impeller	304SS
Shaft	431SS
Diffuser	304SS
Impeller	304SS
Pump Base	304SS
Shaft Seal	SiC/SiC/EPDM
Base Plate	Cast Iron
Motor Bracket	Cast Iron

Note: SBN series pumps feature full 316SS wetted parts and Viton o-rings.

OPERATING LIMITS

Capacity	Maximum 180m ³ /hour
Head	Maximum 320 metres
Liquid Temp.	-15°C to +120°C
Max. Ambient Temp.	+40°C
Pumped Liquid	Potable Water Clean Water Sea Water (SBN) Hard Water (SBN) Mildly Aggressive Chemicals (SBN)

PERFORMANCE



MULTIPUMP UNITS



Pentair Southern Cross design and manufacture a range of standard, made to order and ETO multipump units using the SBI series vertical multistage pumps.

From domestic automatic pressure systems to fully integrated turnkey pumping solutions to meet the requirements of any application. Units are available including:

- Up to 6 pumps
- Welded or folded bases
- Suction and discharge manifolds
- Variable frequency drives
- Electronic control panels
- Sensors, gauges and alarms
- Pressure tanks
- Valves and controls
- Suction and discharge flanges
- Remote monitoring and control



PENTAIR SOUTHERN CROSS

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