

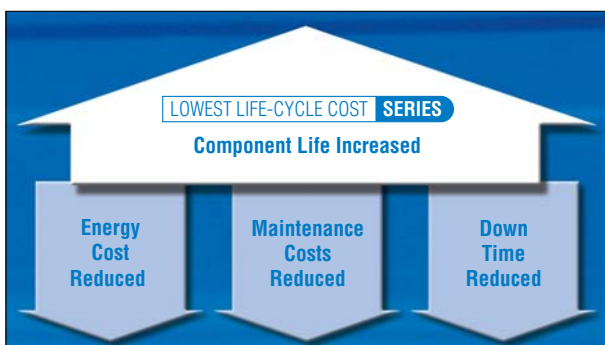
# Highly Evolved



SPP's Lowest Life-cycle Cost Series of Horizontal Split Casing pumps have been specifically developed to meet the requirements of the 21st century pump user. The best of SPP's existing, well-proven designs, have been fine tuned with the aid of three-dimensional computational fluid dynamics, to attain the optimum performance minimising power consumption and internal re-circulation.

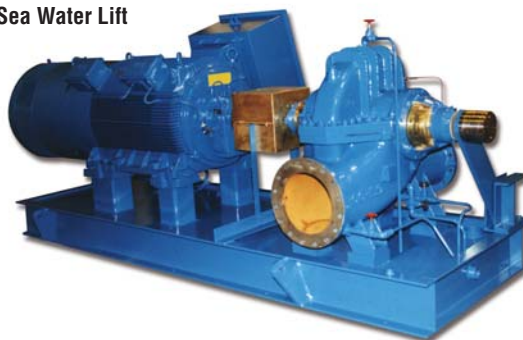
Mechanical designs and standard materials of construction have been substantially upgraded, in order to offer the end user unrivalled longevity and the lowest cost of ownership.

**SPP's LLC Series pumps set the standard for low life cycle cost pumping equipment.**



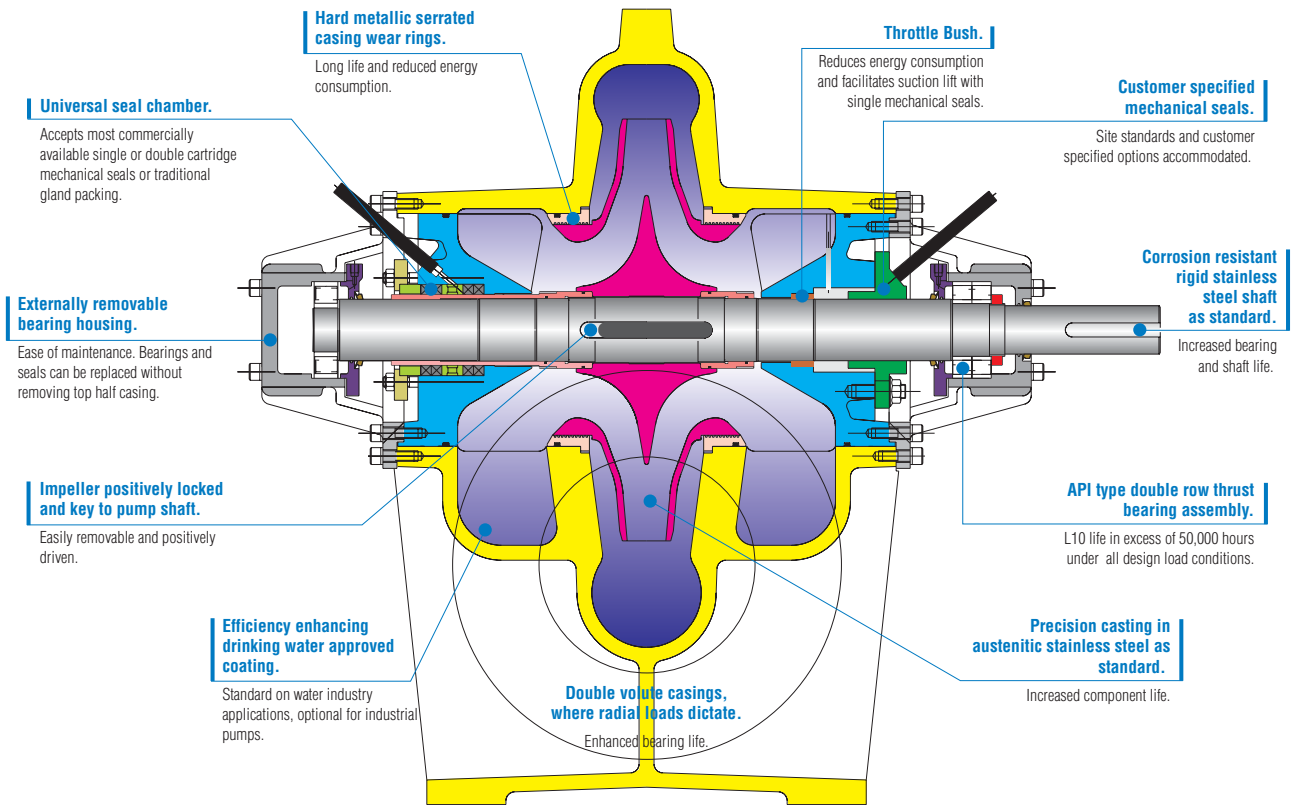
## TYPICAL APPLICATIONS

- Water Treatment & Supply
- Water Extraction
- Booster Pumping
- Cooling Tower Circulation
- Process & Industrial Utility Duties
- Petrochemical Utility Duties
- Hot Water Circulation
- Sea Water Lift



LOWEST LIFE-CYCLE COST SERIES

Total Pumping Solutions



### PERFORMANCE & CAPACITY 50 Hz up to 1500 rpm

Flow rates:	up to 6500 m <sup>3</sup> /hr
Heads:	up to 270 m
Liquid temperature:	-10°C - 120°C Standard Build (Optional up to 160°C)
Ambient temperature range:	-10°C to 45°C
Maximum Solids content:	1,000 ppm (fines)
Maximum suction pressures:	Mechanical Seal 14 barg, Soft Packed Gland 5 barg

### STANDARD MATERIALS OF CONSTRUCTION

Casing	Cast Iron
Impeller	Stainless Steel
Wear Rings	Cast Iron
Shaft	Stainless Steel

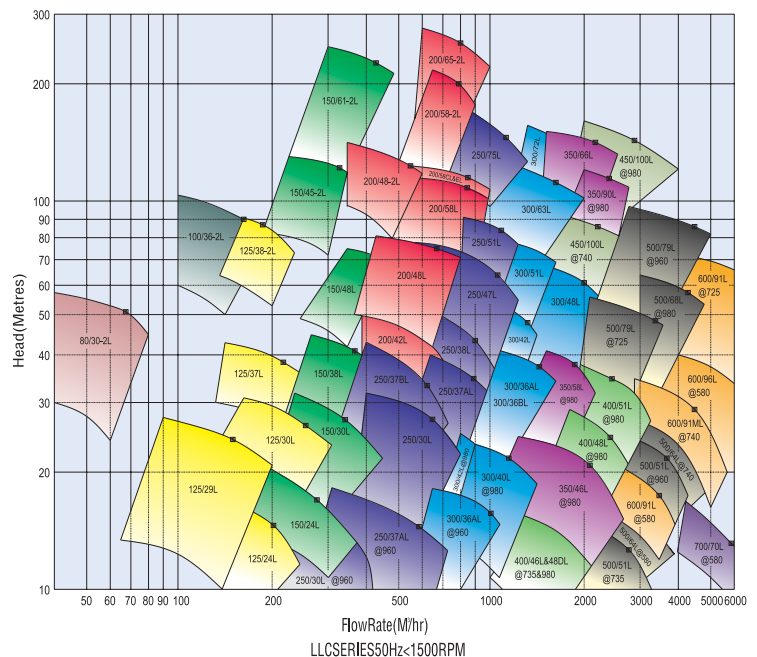
\*Non-standard material options available, consult SPP for alloy irons, bronzes or stainless & duplex steels

### CONFIGURATIONS

- Horizontal – Bareshaft or baseplates mounted with prime mover.
- Vertical Direct Mounted.\*
- Vertical Open Shaft.\*

\*Vertically mounted pumps incorporate a drinking water approved, product lubricated bottom bearing as standard.

### PERFORMANCE & CAPACITY 50 Hz up to 1500 rpm



Assessed to ISO 9001:2000  
Certificate No. 111



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