

# Split Casing Pumps



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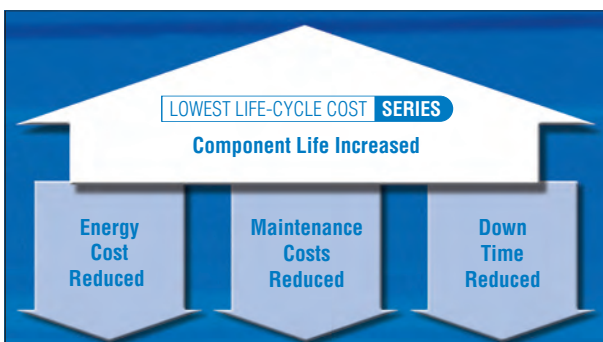
SPP's Lowest Life-cycle Cost Series of Horizontal Split Casing pumps have been specifically developed to meet the requirements of the 21st century pump user. The best of SPP's existing, well-proven designs, have been fine tuned with the aid of three-dimensional computational fluid dynamics, to attain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

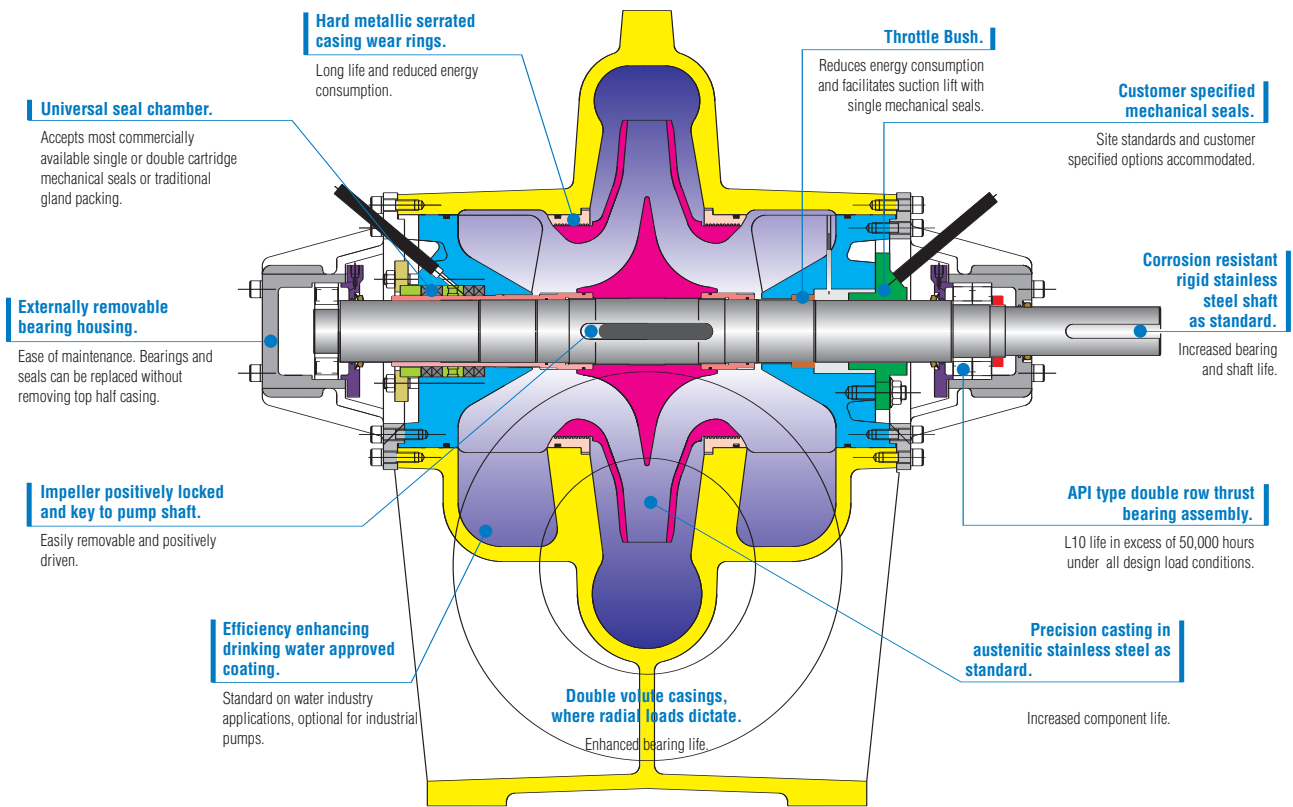
## Typical Applications:

- Water treatment and supply
- Water extraction
- Booster pumping
- Cooling tower circulation
- Process and industrial utility duties
- Petrochemical utility duties
- Hot Water circulation
- Sea water lift

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



## SPP PUMPS



## Performance and Capacity

<b>Flow Rates:</b>	Up to 6500 m <sup>3</sup> /hr
<b>Heads:</b>	Up to 270 m
<b>Liquid Temperature:</b>	-10°C - 120°C Standard Build (Optional up to 160°C)
<b>Ambient Temperature Range:</b>	-10°C to 45°C
<b>Maximum Solids Content:</b>	1,000 ppm (fines)
<b>Maximum Suction Pressures:</b>	Mechanical Seal 14 barg, Soft Packed Gland 5 barg

## Configurations

- Horizontal - bare shaft 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.

## Standard Materials of Construction

<b>Casing</b>	Cast iron*
<b>Impeller</b>	Stainless steel
<b>Wear Rings</b>	Cast iron / Zinc free bronze
<b>Shaft</b>	Stainless steel

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

