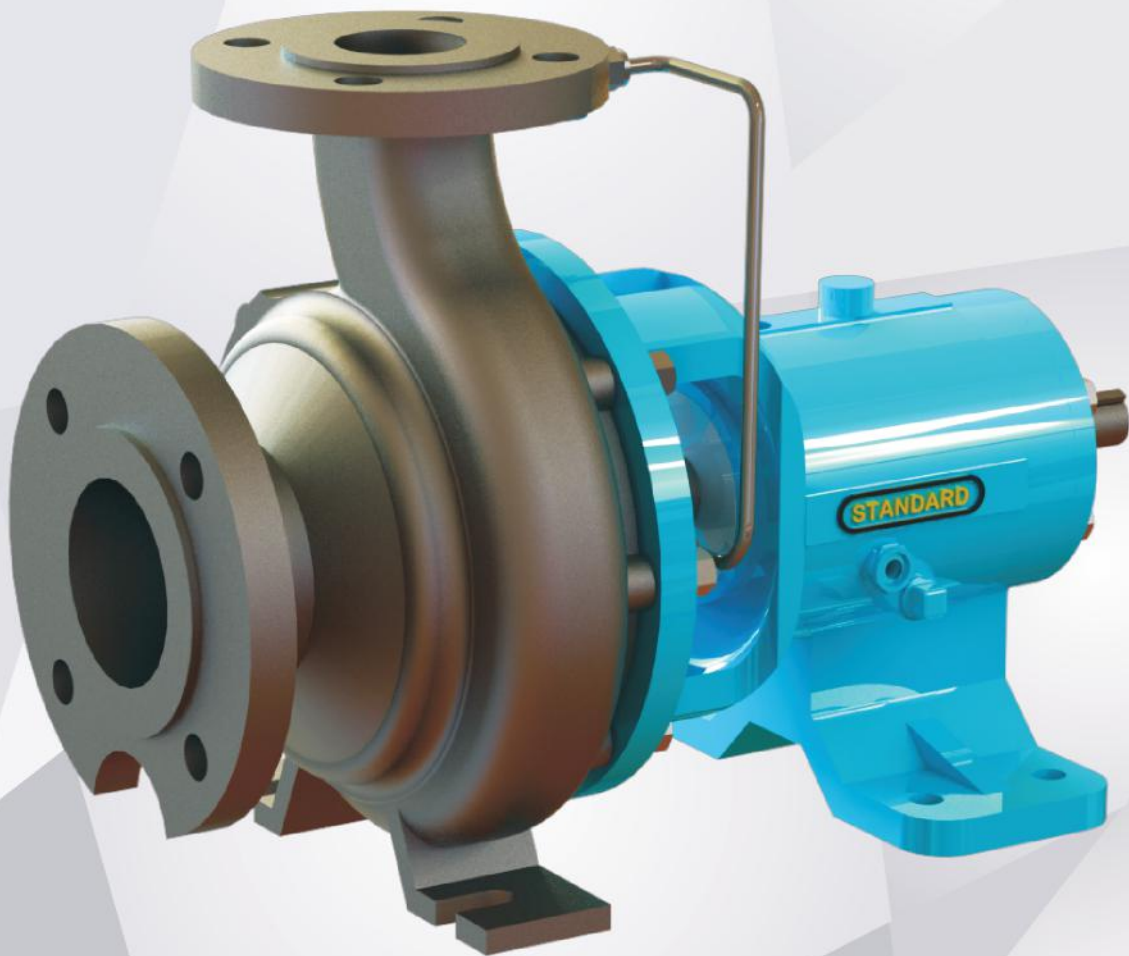


STL/STM/STH - SERIES

INVESTMENT CASTED CENTRIFUGAL PUMP



Standard



ANSI B 73.1 m DESIGN

PRODUCT OVERVIEW

STM Series are investment casting, back pull-out, volute casing, and end suction centrifugal pump. Dimensional & design criteria of S TM series pump conform to ANSI B73.1. All type of mechanical seal like single, double, balanced, unbalanced, cartridge fits in same stuffing box.

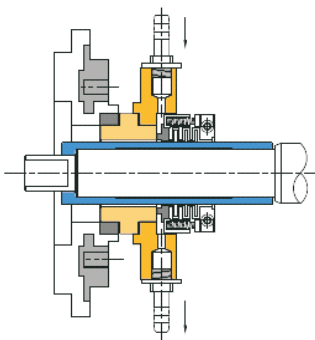
TECHNICAL DATA

Operating Frequency	50 Hz
Capacity (Q) Max.	200 m ³ /hr
Head (H)Max.	90 m
Motor Power (P) Max.	40 kw
Maximum Specific Gravity (SG)	1.5
Maximum Working Temperature	200°C
Suction & Delivery Connection	ANSI B16.5 - Class 150
Shaft Seal	Single, Double&Gland
Bearings	Rolling Element Bearings
Lubrication	Oil
Motor Compatibility	IS 1231, IEC 72-1, NEMA

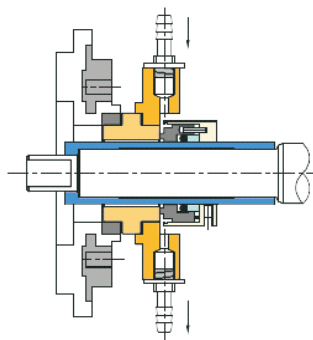
APPLICATION

- ✓ Petrochemical.
- ✓ Water Treatment .
- ✓ Food Industries
- ✓ Refinery.
- ✓ Pharmaceutical Industries.
- ✓ Textile .
- ✓ Mining.

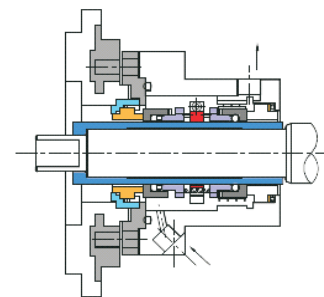
MECHANICAL SEAL OPTION



Single PTFE Below Seal



Single Pusher Seal



Double Pusher Seal

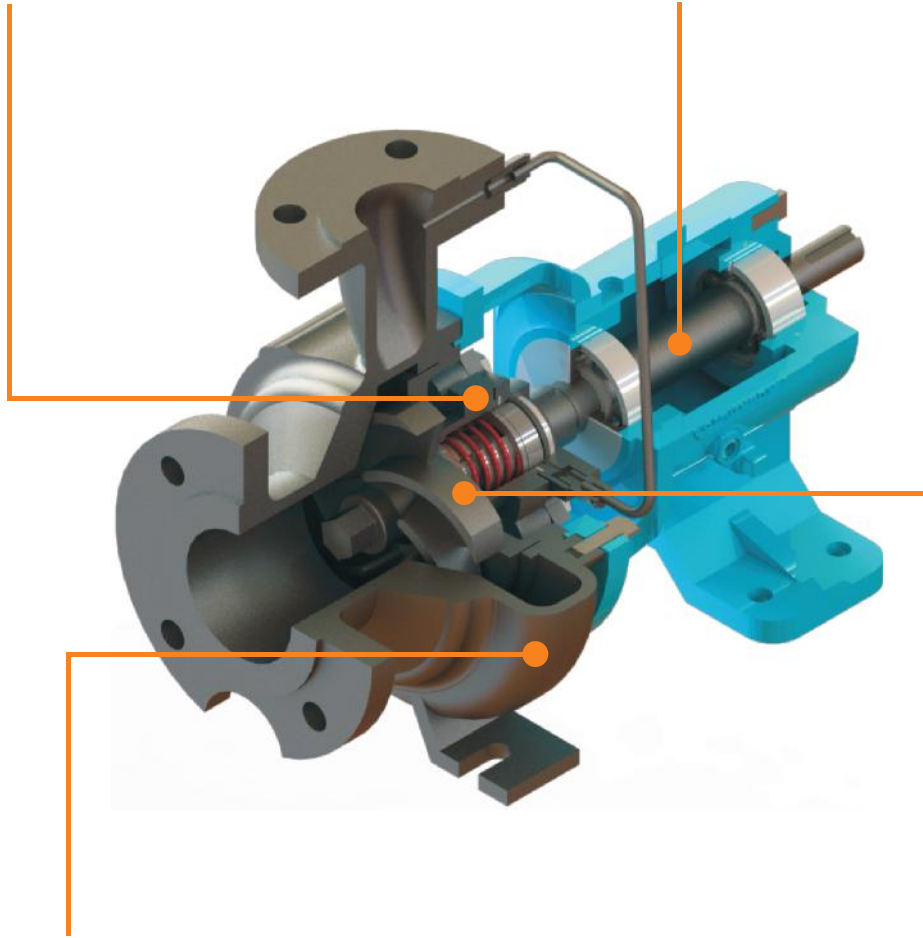
- ✓ Available in Single & Double mechanical seal option.
- ✓ We provided API plan applicable seal in our stuffing box.

STUFFING BOX :-

- ✓ Stuffing box covers many kinds of mechanical seal applications. Internal or external, double or single, balanced or unbalanced seals, with any required gland connections.
- ✓ Back pull-out design provides safe, simple & quick assembly & disassembly of pump.

SHAFT & BEARING :-

- ✓ Heavy duty shaft design for minimum deflection.
- ✓ Maximum 0.05mm deflection at stuffing box at minimum load.
- ✓ Large capacity oil sump result in effective heat transfer for cooler bearings & extending bearing life.
- ✓ Telescopic arrangement for semi-open impeller enables adjustment of impeller front clearance to obtain optimum hydraulic performance.
- ✓ Double O-ring seal between Bearing housing & lantern to prevent leakage of lubrication oil.



VOLUTE CASING:-

- ✓ Top centreline discharge, self-venting volute casing
- ✓ Investment casted casing thick wall 10 to 12 mm.
- ✓ Back pull-out design for easy maintenance.

Impeller:-

- ✓ Hydro dynamically optimized semi-open radial impeller designed.
- ✓ Axial force are balanced with balancing holes & back vanes.
- ✓ Back pull-out design for easy maintenance.



Standard Equipment

Works : 542 / 31, Plot No. 5A, Ground Floor, Piru Faliya, N.H. No. 8, Dhamdachi, Dist. - Valsad, Gujarat.

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