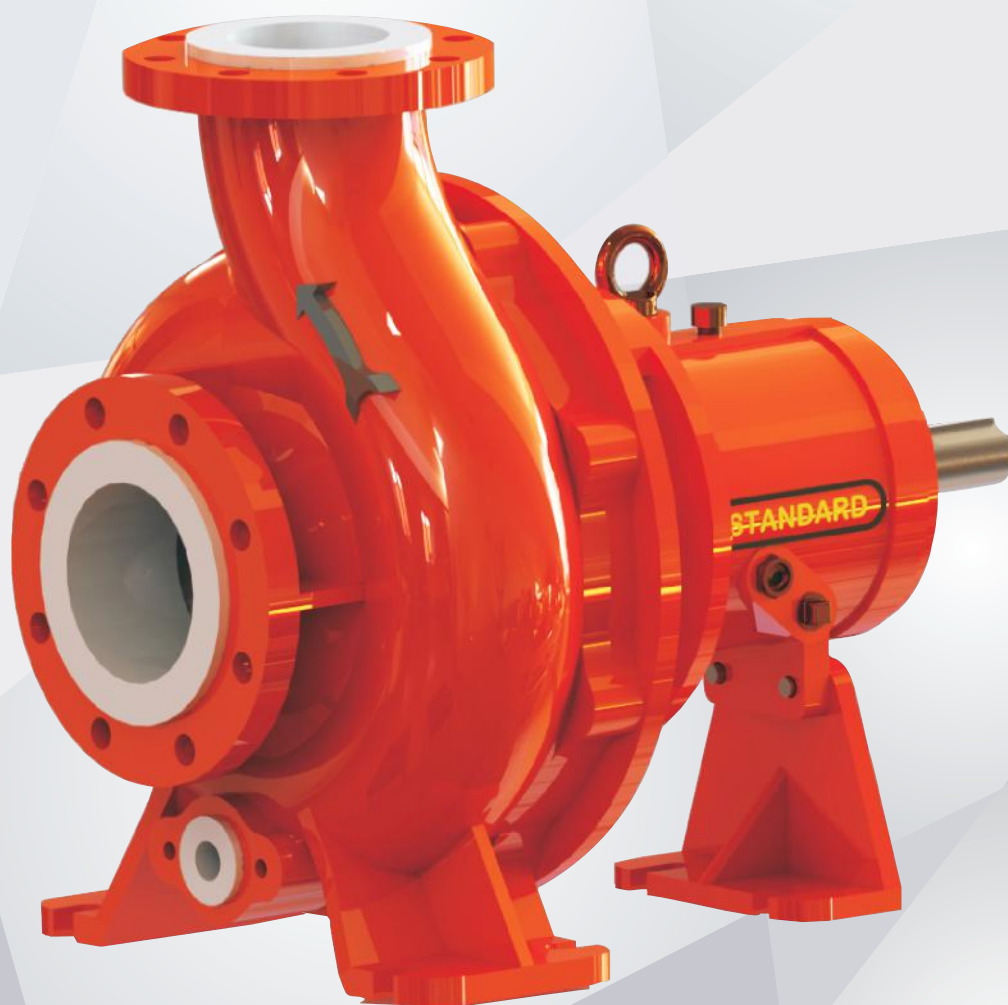


# SEL-SERIES

ISO STANDARD END-SUCTION CENTRIFUGAL PUMPS



**Standard**



**CORROSION RESISTANCE LINED PUMP | ISO-2858 ISO-5199**

## PRODUCT OVERVIEW

SEL Series are Fluoropolymerlined horizontal, back pull-out and end suction centrifugal pump. Dimensional & design criteria of SEL series pump conform to ISO-2858, ISO-5199 . Fluoropolymer lined pumps are excellent for hazardous, corrosive and toxic media.

## TECHNICAL DATA

<b>Operating Frequency</b>	50 Hz
<b>Capacity (Q) Max.</b>	200 m <sup>3</sup> /hr
<b>Head (H) Max.</b>	95 m
<b>Motor Power (P) Max.</b>	55 kw
<b>Maximum Working Pressure</b>	16 bar
<b>Maximum Specific Gravity (SG)</b>	2
<b>Minimum Continuous Flow</b>	2.5 m <sup>3</sup> /hr
<b>Maximum Working Temperature</b>	FEP: 180°C , PFA: 200°C PVDF:110°C
<b>Suction &amp; Delivery Connection</b>	ANSI B16.5 - Class 150
<b>Shaft Seal</b>	Single & Double Mechanical Seals
<b>Bearings</b>	Rolling Element Bearings
<b>Lubrication</b>	Oil
<b>Motor Compatibility</b>	IS 1231, IEC 72-1, NEMA

## APPLICATION

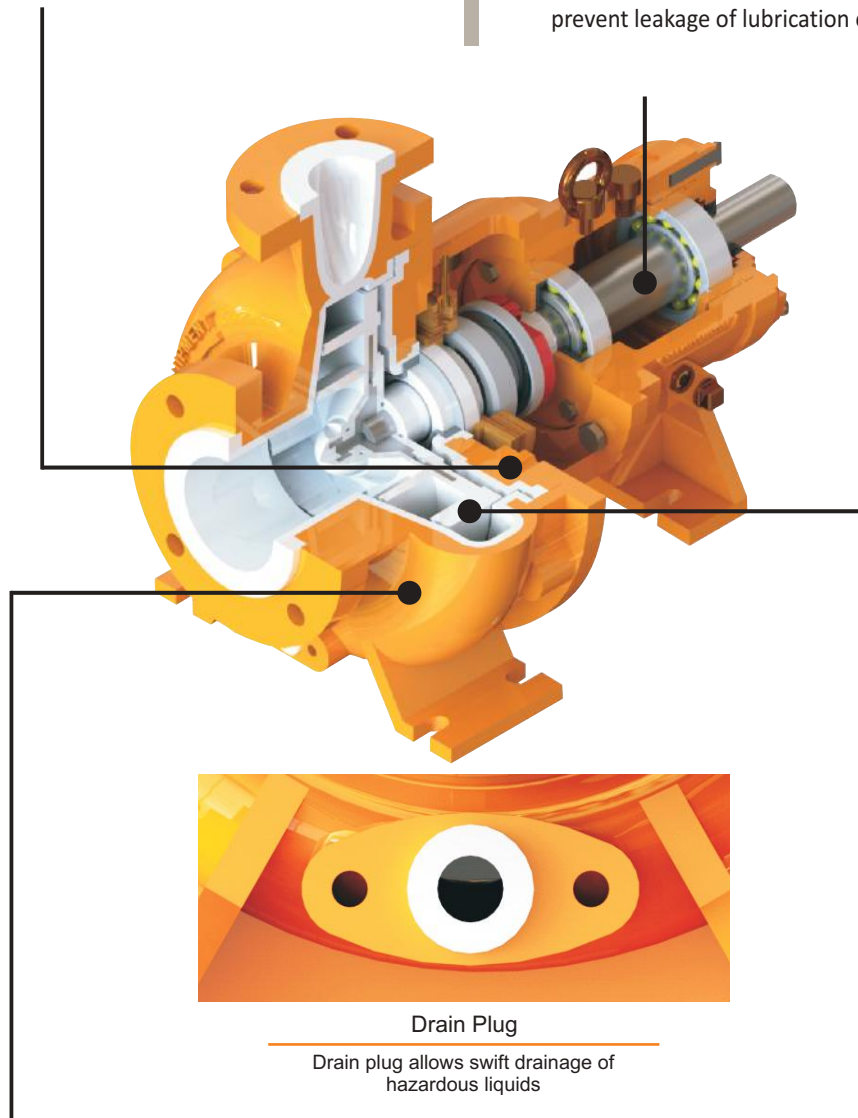
- ✓ Steel Plant, Pickling Plant, Scrubbing.
- ✓ High Temperature & Hazardous Toxic Chemical.
- ✓ Pharmaceutical Industries.
- ✓ Acidic & Alkaline Chemicals of Chlor Alkali Industries.

### STUFFING BOX :-

- ✓ Fluoropolymer lined stuffing box to accommodate single & double mechanical seal without any modification.
- ✓ Back pull out design provide safe, simple & quick assembly & disassembly of pump.

### SHAFT & BEARING :-

- ✓ Heavyduty shaft design for minimum deflection.
- ✓ Maximum 0.05mm deflection at stuffing box at maximum 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.



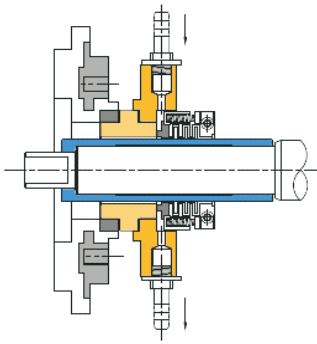
### VOLUTE CASING :-

- ✓ Heavy, Centre line discharge with Volute casing design in fluoropolymer lined construction provide the pressure handling capability & efficiency and smooth transfer of pump media from exit of the impeller to delivery.
- ✓ Thick wall polymer moulded inside metal armour to ensure strong support to polymer specially at high temperature.
- ✓ Top discharge, self-venting, back pull put.
- ✓ Flow optimum hydraulic design.
- ✓ Option for drain plug for easy & safe drain & maximizes pump life.

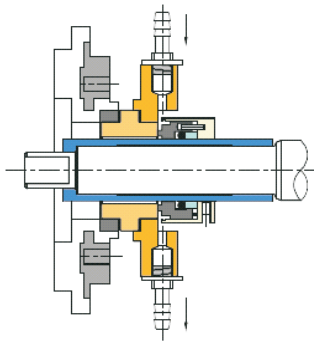
### IMPELLER :-

- ✓ Hydro dynamically optimized semi-open radial impeller designed.
- ✓ Axial forces are balanced with balancing holes & back vanes.
- ✓ Positive locking of impeller & shaft prevent due to wrong rotation & ensure maximum torque transmission.

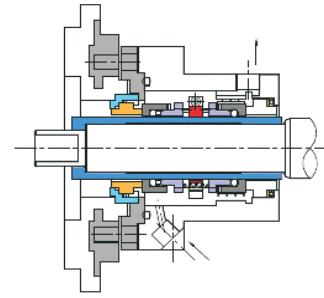
## MECHANICAL SEAL OPTION



**Single PTFE Below Seal**

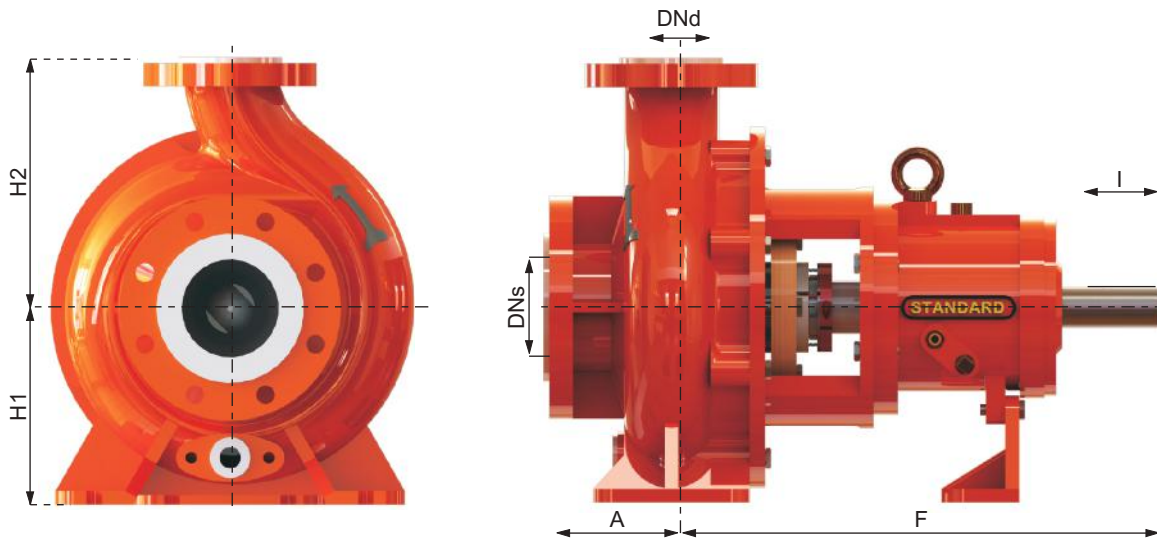


**Single Pusher Seal**



**Double Pusher Seal**

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



MODELS	PUMP DIMENSIONS						
	DNs	DNd	A	F	H1	H2	l
<b>50X32-125</b>	50	32	80	385	112	140	50
<b>50X32-160</b>	50	32	80	385	132	160	50
<b>50X32-200</b>	50	32	80	385	160	180	50
<b>80X50-200</b>	80	50	100	385	160	200	50
<b>100X65-250</b>	100	65	125	500	200	250	80
<b>125X100-315</b>	125	100	140	530	250	315	110

Centrifugal Polypropylene Pump

Centrifugal Metallic Pump

AODD Pump



## Standard Equipment

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

**Mob. :** +91 96876 23752 / +91 90331 31055

**E-mail :** std.equipment@gmail.com, sales@standardpumps.co.in **Website :** www.stanardpumps.co.in