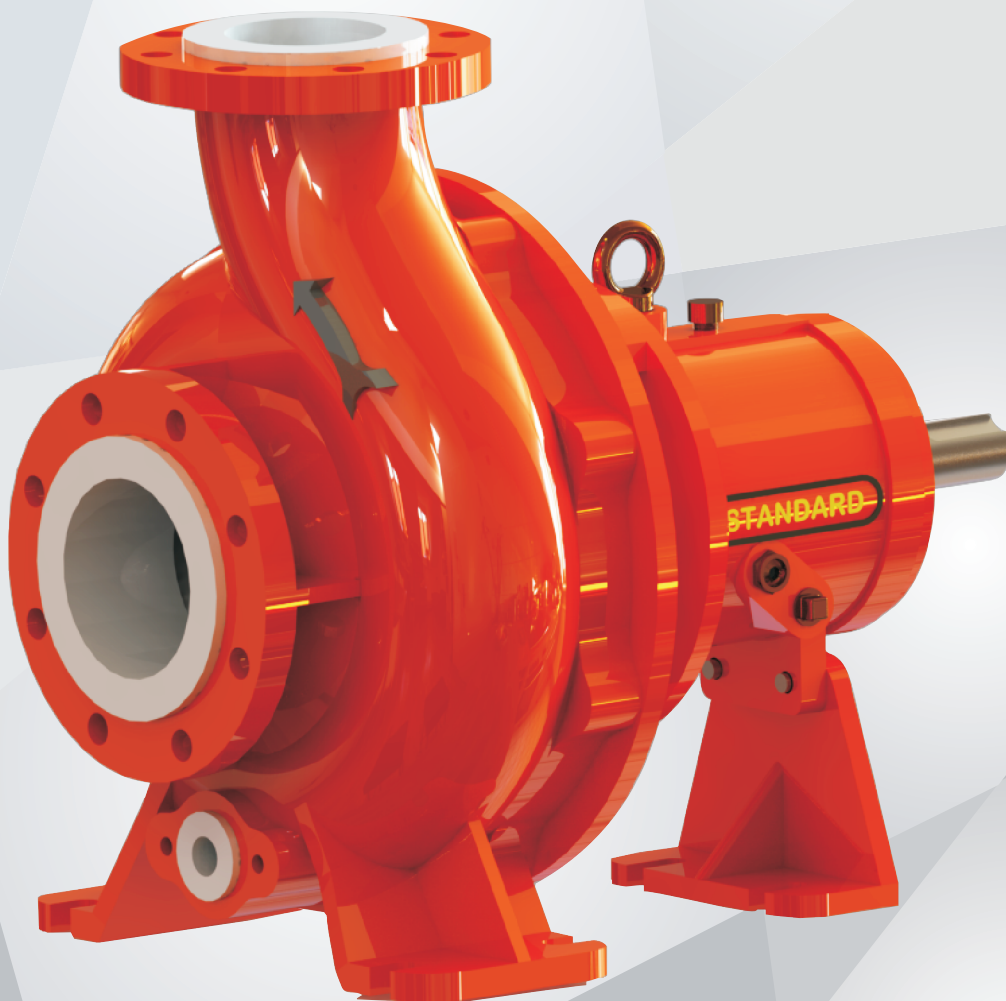


SEL-SERIES

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

Operating Frequency	50 Hz
Capacity (Q) Max.	1000 m ³ /hr
Head (H) Max.	95 m
Motor Power (P) Max.	450 kw
Maximum Working Pressure	16 bar
Maximum Specific Gravity (SG)	2
Minimum Continuous Flow	2.5 m ³ /hr
Maximum Working Temperature	FEP: 180°C , PFA: 200°C PVDF:110°C
Suction & Delivery Connection	ANSI B16.5 - Class 150
Shaft Seal	Single & Double Mechanical Seals
Bearings	Rolling Element Bearings
Lubrication	Oil
Motor Compatibility	IS 1231, IEC 72-1, NEMA

APPLICATION

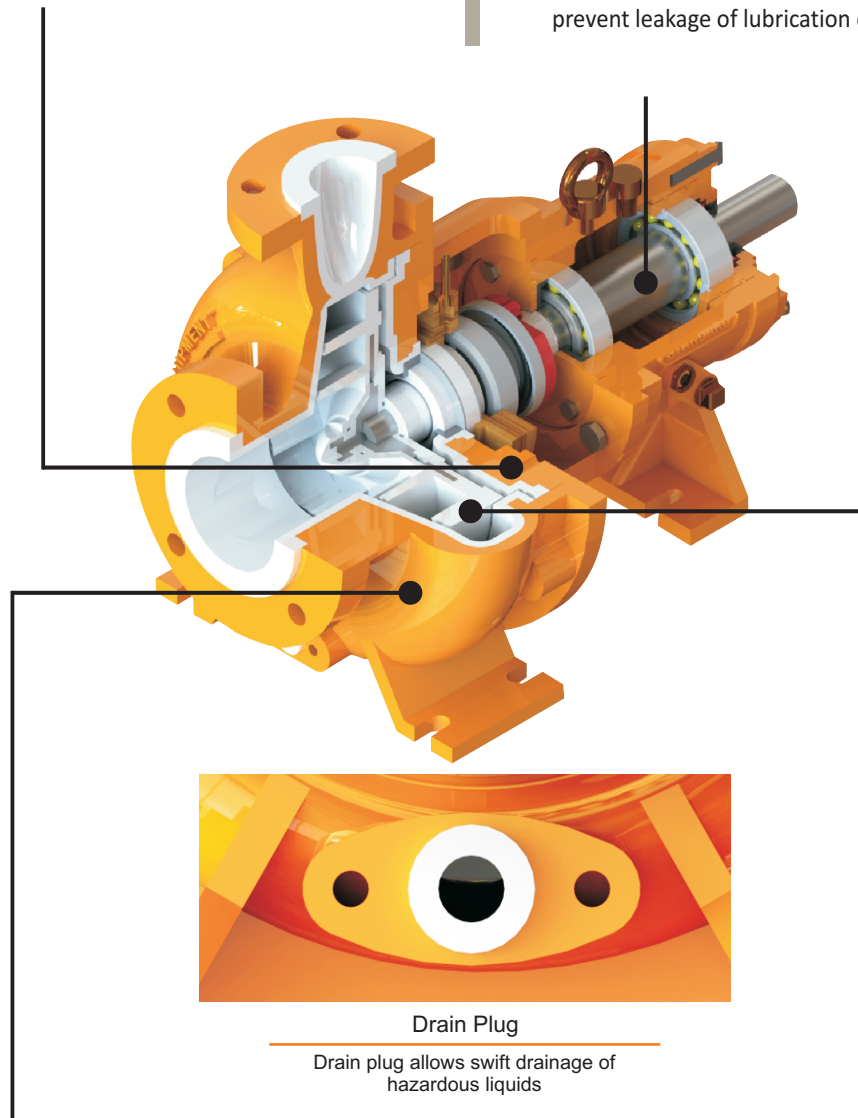
- ✓ Steel Plant, Pickling Plant, Scrubbing.
- ✓ High Temperature & Hazardous Toxic Chemical.
- ✓ Pharmaceutical Industries.
- ✓ Acidic & Alkaline Chemicals of Chlor Alkali Industries.

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.



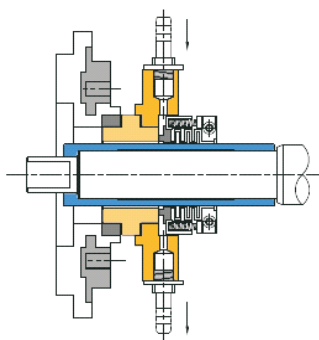
VOLUTE CASING :-

- ✓ 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.

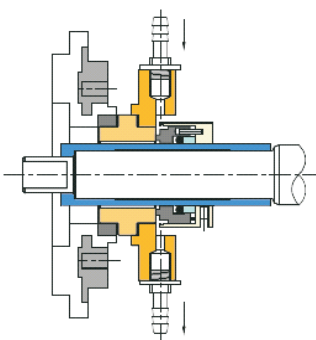
IMPELLER :-

- ✓ 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.

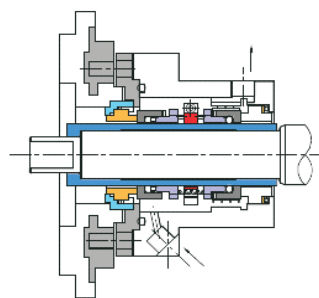
MECHANICAL SEAL OPTION



Single PTFE Below Seal

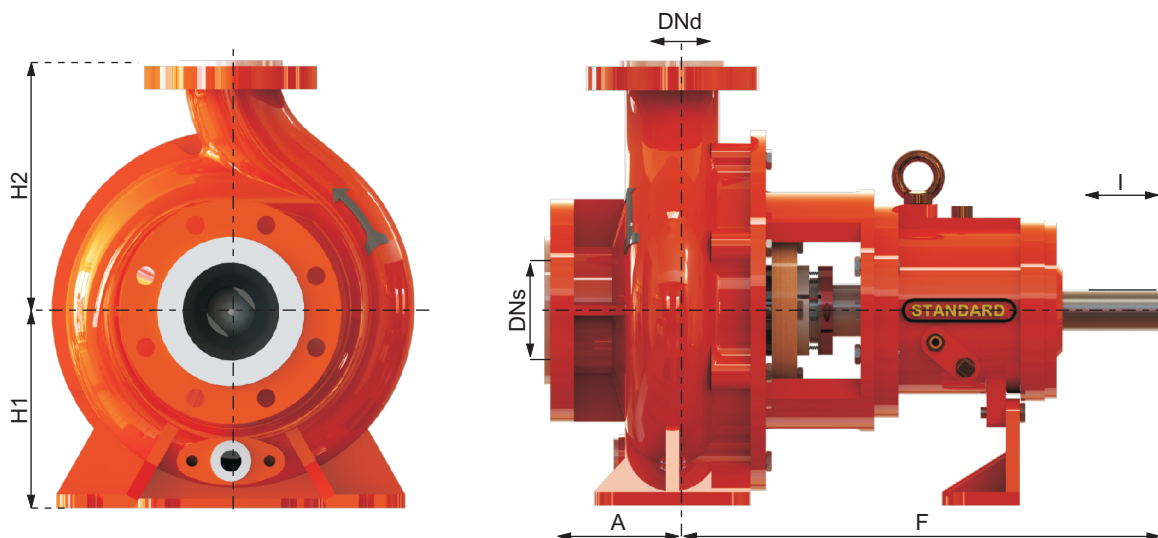


Single Pusher Seal



Double Pusher Seal

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



MODELS	PUMP DIMENSIONS						
	DN _s	DN _d	a	f	h ₁	h ₂	l
50x32-125	50	32	80	385	112	140	50
50x32-160	50	32	80	385	132	160	50
50x32-200	50	32	80	385	160	180	50
65x40-160	65	40	80	385	132	160	50
80x50-200	80	50	100	385	160	200	50
80x50-250	80	50	125	500	180	225	50
80x65-160	80	65	100	385	160	200	50
100x65-250	100	65	125	500	200	250	80
125x80-315	125	80	125	530	250	315	80
125x100-315	125	100	140	530	250	315	110
150x125-315	150	125	140	530	280	400	110
150x125-400	150	125	140	530	315	400	110
200x150-315	200	150	160	670	315	400	110
250x200-400	250	200	180	625	355	500	110
300x250-315	300	250	250	625	400	550	110
300x250-400	300	250	200	700	375	550	140



Standard Equipment

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

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