PL SERIES
Lobe Pumps

- Max. Capacity: 58 m^3/h
- Max. Differential Pressure: 20 bar
- Max. Viscosity: 250.000 cSt
- Temperature Range: -15℃ to +150℃



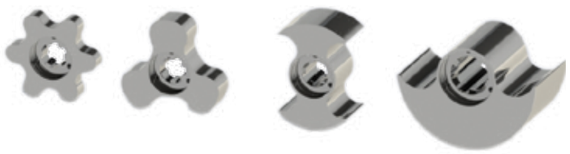
PL series pumps have been specially designed to make dismantling (whether for inspection, cleaning and maintenance) quicker and easier. The forward-seal position places the seals in direct contact with CIP fluides. Superior seal cleanlines lengthens seal life and minimizes seal flaking (products contaminations) . Because the seals are located directly behind the rotors, areas of product entrapment are eliminated for superior hygienic performance.

Unique front loading seal design gives faster maintenance, easier cleaning and less downtime. The only dismantling front cover, the rotors and seals are take out without pump dismantling from pipe.

PL series pumps have been working to suit all hygienic pumping applications in the food, diary, beverage, pharmaceutical and another places where the stainless steel is resistant to liquids to be pumped.

The all lobe types can be applicable for same casing.





The lobe types according to application: Single Wing, Bi-Wing, Tri Lobe, Multi Lobe

FEATURES AND ADVANTAGES:

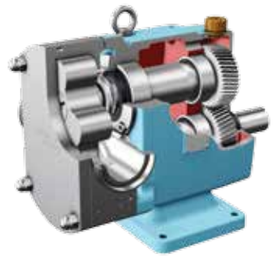
> Three kind of gear boxes with seven kinds of pump models.
> Heating / Cooling jackets easy to fit on the front cover and/or rotor casing
> The inlet/outlet connection ports are monoblock with casing. It is hygienic due to not welding
> Single seal which can be modified to a double type (flushing) with a minimum of additional part
> Horizontal ports which can be fitted vertical simply
> The offered rotor shaft as down as standard, can be easily change to up
> It is suitable to drive clockwise / counter clockwise direction (both).
> The inlet / outlet connection ports can be offered with DIN 11851, tri clamp or flange
> The lobe type can be offered with single wing, bi-wing, tri-lobe and multi lobe according to application
> The clearances can be setted according to viscosity.
> The inlet port can be rectangular for high viscosity applications to feed well.



> Flange Connection



> Casing & Cover Jacketed



> The Cutted Way

PL Series	Model	Capacity			Standard Connection Diameter		Max. Pressure		Max. Speed
		Liter 1 rev.	Int Galon 100 rev.	Us Galon 100 rev.	mm	Inches	PSI	Bar	rpm
1	PL 125	0.05	1.10	1.32	25	1	300	20	1000
	PL 140	0.12	2.64	3.17	40	1.5	175	12	800
	PL 150	0.21	4.61	5.54	50	2	115	8	800
2	PL 250	0.4	9.01	10.81	50	2	175	12	700
	PL 265	0.62	13.63	16.35	65	2.5	115	8	700
3	PL 380	1.02	22.42	26.90	80	3	175	12	600
	PL 3100	1.44	31.65	37.98	100	4	115	8	600