



**BTS**  
ENGINEERING

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POSITIVE DISPLACEMENT REVERSIBLE ROTARY LOBE PUMP

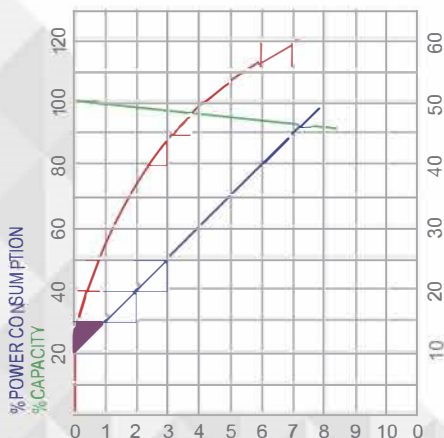
**Model : JKLB**

**PUMPING SOLUTIONS FOR  
LIQUID TRANSFER...**



## LOBE DESIGN :

- Our Lobes are designed for long life extended running.
- Lobes are available in single lobe, Bilobe, Tri Lobe & Butterfly Type.
- Lobe Material is customized & available with Special coating if required according to customer Application.



## SHAFT SEAL



## TRI LOBE ROTOR



## MODEL & POWER CHART :

PUMP MODEL JKlb	SUCTION & DELIVERY	Displacement @100rpm		Max Speed (RPM)	Pressure (Kgf/cm <sup>2</sup> )	Weight (kg.)	
		LPM	US GPM			Horizontal Porting	Vertical Porting
100S	1"	5	1.5	1000	7	15	16
100L	1"	8	2.25	1000	7	17	18
150S	1½"	12	3.38	1000	7	28	30
150L	1½"	18	4.78	1000	7	30	31
200S	2"	26	7.03	1000	7	52	55
200L	2"	38	10.15	1000	7	55	58
250S	2½"	55	14.64	1000	7	104	110
250L	2½"	79	20.87	1000	7	109	115
300S	3"	116	30.65	1000	7	150	150
300L	3"	175	44.39	1000	7	158	158
400S	4"	261	68.70	1000	7	258	258
400L	4"	354	93.26	1000	7	264	264

Sr. No.	PARTS	MOC
1	Pump Chamber	SS-316
2	Tri-Lobe-Rotor	SS-316
3	Top Cover	SS-316
4	Shaft	SS-316
5	Shaft Seal	Mech. Seal
6	Gear	EN-24
7	Casing	CI
8	Back Cover	CI
9	Bearing Spaler	CI
10	Bearing	SKF

## SPECIFICATION :

- Seals at front Side
- Designed for Smooth Flow
- Gentle Liquid Handling
- Can Run in Dry Condition
- Suitable for Low & High Viscous Liquids
- Highest Efficiency
- Easy Maintenance
- Low Noise Level
- 100% Food Grade
- Temp: Upto 250°C

## APPLICATION :

- Dairy • Bakery • Meets
- Canned Food • Beverages
- Candy • Flavorings • Dressings
- Cosmetics • Drugs • Syrup • Cream
- Pill Pastes • Slurries • Extracts
- Latex Emulsion • Tomato Paste
- Fruit Paste • Chocolates
- Lotions • Shampoos

\* All dimensions are in millimeters. Unless otherwise stated, Specifications are subject to change without prior notice as improvements are made from time to time.