

# "LOBE" PUMPS

## SALIENT FEATURES

A Range of High Quality Hygienic Stainless Steel Positive Displacement Pumps for use in the food Process Industries

- ➔ These Pumps are meant for High Mechanical Efficiency means less energy Consumptions, Lower Cost Smaller Motors, Lower Drive Costs. Easy-Clean pump of head which is ideal for in place cleaning, or can be rapidly stripped for manual cleaning, without disconnecting the pipework.
- ➔ Positive, Uninterrupted Displacement by specially designed rotors creates a steady, gentle pumping action which does not shear, agitate or aerate the product.
- ➔ Pumping chambers are without pockets or crevices to harbor bacteria or contaminants. No Contact between moving parts and no internal bearings in the pump head.
- ➔ Solid Stainless steel, ASI 316 quality, pump head, rotors and shafts. Food quality rubber covered and plastic rotors are also available. Robust, Cast Iron gear case enclosing oil Lubricated rolling bearings are precision timing gears.
- ➔ Generous distance separating the pump head from the gear case. End Connection / Port Flanged / Threaded - Customized.



## TYPICAL APPLICATIONS FOR POSITIVE DISPLACEMENT

- **Dairy :**  
Cream, Milk, Cheese, Curd & Whey, Cottage, Cheese, Yogurt, Margarine, Butter
- **Bakery :**  
Batters, Flavorings, Frostings, Fruit Fillings, Fat & Oil, Sweeteners, Yeast Slurry Dough.
- **Meat Packing :**  
Meat-Emulsions, Ground Meat, Pet Foods, Extracts, Minced Meat, Sausage Meat.
- **Beverage :**  
Beer, Wort, Yeast, Alcohols & Wines soft Drinks, Fruit Concentrates, Fruit Drinks, Essences.
- **Pharmaceutical :**  
Pill Pastes, Syrup, Slurries, Extracts, Latex Emulsion.
- **Canning :**  
Tomato Paste, Fruit Paste, Cream Style, Vegetables, Slurries, Puddings, Jams, Jellies, Salads Dressings, Mayonnaise, Baby Foods, Soups, Stews.
- **Confectionery :**  
Syrups, Cream Fillings, Chocolates, Coffee caramel.
- **Cosmetics :**  
Hand & Face Creams, Lotion Shampoos, Dyes, Alcohols, Essential Oils.

## OPTIONS

- ➔ Manual Control By-pass
- ➔ Relief Valve
- ➔ Jacked Rotor case
- ➔ Electric Heating Tapes
- ➔ Trolley

➔ MODEL	PORT CONNECTION	MAXIMUM HEAD		MAX	PUMP MAX CAPACITY	
		BAR	PSI		LPM	IGPM
KLP-100	25 MM(1")	7	100	960	100	22
KLP-150	38 MM(1 1/2")	7	100	960	100	35
KLP-200	50 MM(2")	7	100	720	300	67
KLP-250	65 MM(2 1/2")	6	87	720	450	100
KLP-300	80 MM(3")	7.6	87	600	480	110
KLP-400	100 MM(4")	5	72	600	750	168

## SUBMERSIBLE SEWAGE SLUDGE & DEWATERING PUMPS

### TECHNICAL FEATURES

- ➔ Flow 160 to 7000 LPM
- ➔ Max.Head 55mtr.
- ➔ Protection IP 68
- ➔ Insulation class 'F'
- ➔ Connection DOL/Stare-Delta/ATS
- ➔ Temperature Ambient
- ➔ Motor Two/Four Pole Squirrel Cage
- ➔ Continuous duty Induction motor
- ➔ Rated Speed 2900/1450 RPM
- ➔ Power range 1.0HP to 60.0 HP
- ➔ Voltage 230 VAC 1 Ph, 415 VAC 3 Ph, 50Hz



### SALIEVNT FEATURES

- ➔ Heavy Duty Cast Iron Single/Two/Six vane non-clog impeller Heavy duty
- ➔ C.I volute type casing for Maximum efficiency
- ➔ Designed For continuous operation
- ➔ Heavy duty motor design
- ➔ Portable and fixed Installation
- ➔ Thermal overload, Moisture control, Overload protection applied through Control Panel.

# APPLICATION

- ➔ Sewage System
- ➔ Flood & Pollution Control
- ➔ Industrial Dewatering
- ➔ Waste Water Treatment Plants
- ➔ Municipal Sewage pumping System
- ➔ Building & Construction, Mining, off shore, Industries etc.



# MATERIAL OF CONSTRUCTION

- ➔ Motor Body C.I 210 FG 260/SS202
- ➔ Pump Casing C.I 210 FG 260
- ➔ Shaft SS 410
- ➔ Impeller C.I IS 210 FG 260
- ➔ Seal Sic vs. SIC Mechanical
- ➔ SealPVC Insulated Copper Conductor Flexible Cable
- ➔ SS model available on request

# PERFORMANCE

Single Phase 2900 RPM 50 Hz, 220-240 V AC

Three Phase 2900 RPM 50 Hz, 415 V AC

Model	H.P.	Suc. SolidSize	Del.Size(mm)	HEAD	2	4	8	10	14	18	20	24	28	
KGPS 1.0/2	1	35	50	DISC HARGE IN	400	350	240	745						
KGPS 2.0/2	2	35	50		550	525	435	380	225	100				
KGPS 3.0/3	3	50	75		950	880	700	600	370	120				
KGPS 5.0/3	5	50	75			1100	1050	1000	820	590	240			
KGPS 5.0/4	5	50	100			2200	1760	1400	400					
KGPS 7.5/4	7.5	50	100			2400	2100	1800	800					
KGPS 10.0/ 6	10	60	150			4200	3900	3200	2700	1200				
KGPS 12.5/6	12.5	85	150				4500	3850	3400	2100				
KGPS 15.0/6	15	85	150				4500	3950	3650	3000	2200	1800	950	
KGPS 20.0/6	20	100	150				5000	4500	4250	3750	3100	2750	2000	1200
KGPS 25.0/8	25	100	200				7000	6300	5900	4500	2550	1500		
KGPS 30.0/8	30	100	200					7100	6750	5700	4120	3000	675	
				LPM	4	8	12	16	20	24	28	32	40	
KGPS 10.0/4	10	50	100		2400	2200	2000	1750	1400	1000	500			
KGPS 12.5/4	12.5	50	100		2500	2350	2150	1950	1700	1400	1000	550		
KGPS 15.0/4	15	50	100		2800	2600	2400	2175	1950	1700	1400	1100	350	
KGPS 20.0/4	20	50	100			2640	2550	2400	2220	2040	1860	1620	1080	
KGPS 25.0/6	25	100	150				3800	3500	3150	2800	2400	2000	1100	
KGPS 30.0/6	30	100	150				4000	3800	3500	3200	2800	2500	1700	

### Three Phase 1450 RPM 50 Hz, 415 V AC

Model	H.P	Suc.Solid Size	Del.Size (mm)	HEAD	4	6	8	10	12	16	18	20	22
KGPS 2.0/2	2	35	50	DISC	480	390	300	200	70				
KGPS 3.0/4	3	60	100		1260	1050	800	450					
KGPS 5.0/4	5	85	100		1650	1500	1320	1100	800	120			
KGPS 7.5/4	7.5	85	100			2120	1900	1600	1250	400			
RESP 10.0/4	10	85	100		2600	2475	2325	2100	1800	750			
KGPS 12.5/4	12.5	85	100		3375	3180	2960	2700	2400	1500	930	300	
KGPS 15.0/4	15	85	100		3750	3550	3300	3000	2700	1950	1470	900	300
KGPS 15.0/6	15	100	150		5187	4750	4350	3700	3000	1250	375		
KGPS 20.0/6	20	100	150		6000	5620	5125	4625	4100	3000	2310	1625	875
						6	8	12	16	20	24	32	36
KGPS 7.5/3	7.5	60	75	H	1410	1330	11155	910	600				
KGPS 10.0/3	10	60	75		1590	1500	1350	1140	900	600			
KGPS 12.5/3	12.5	60	75	ARGE		1800	1600	1440	1240	1000	280		
KGPS 15.0/4	15	60	100			2000	1825	1600	1350	1000			
KGPS 20.0/4	20	60	100	IN		2250	2100	1975	1800	1575	550		
KGPS 25.0/4	25	60	100		2640	2580	2460	2280	2100	1860	1200	780	
KGPS 30.0/4	30	60	100	L P M	2940	2880	2760	2580	2400	2160	1600	1200	720
KGPS 25.0/6	25	100	150		5430	5125	4375	3500	2250	1625			
KGPS 30.0/6	30	100	150	5930	5690	5060	4350	3125	1625				
					7	10	15	20	25	30	40	50	55
KGPS 40.0/4	40	100	150	6500	6100	5300	4400	3200	2000				
KGPS 50.0/4	50	100	150		6500	6000	5200	4400	3500	1200			
KGPS 60.0/4	60	100	150			6500	6000	5500	5000	3800	2250	1250	
KGPS 40.4/6	40	100	150	4100	4000	3770	3550	3310	3500	2300	1350	600	
KGPS 50.0/6	50	100	150		4500	4250	4100	3840	3625	3050	2350	1890	

### KDS PUMPS INDUSTRIES.

30,Ved Industrial Park 2,B/H - ShreenathEstateKathwada-Singarva  
 Road.Ahmedabad, Gujarat, India - 382430Mobile :+91-9638871757 /  
 +91-9898231602Web :  
[www.kdspumps.com](http://www.kdspumps.com)