



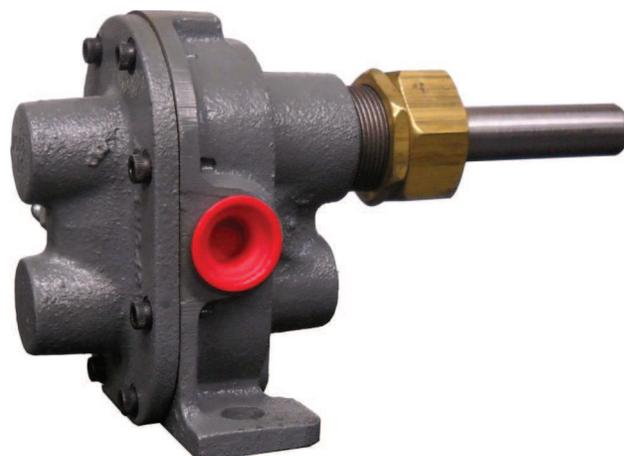
MODEL LOI

Markets

Construction & Mining-lubricants, fuel oils
 Power Plants & Utilities-lubricants, fuel oils
 Refineries-liquid transfer
 Industrial Plant Maintenance-liquid transfer and filter

Uses

Fuels-diesel, kerosene
 Heating, Lubricating and Hydraulic Oils
 Closed or open loop circulation systems
 Mobile or stationary filtration systems
 Machine tool lubrication and cooling
 Low pressure hydraulics



3/4" NPT Port with Mechanical Seal

Features and Benefits

- ✓ Iron Body and Gears
- ✓ 416 Stainless Steel Drive and Idler Shaft
- ✓ Sleeve Bearings - Greased Iron or Optional Bronze
- ✓ High Durability for Severe Service
- ✓ 5/8" Shaft Diameter
- ✓ 4 Sizes -3/8", 1/2", 3/4" and 1" NPT Ports
- ✓ Std Carbon Graphite Packing
- ✓ Mechanical or Lip Shaft Seal Available
- ✓ 0-1800 RPM Range of Operation, Flows to 16 GPM
- ✓ Bi-Directional Shaft Rotation
- ✓ Operating Temperatures to 300° F
- ✓ Continuous Working Pressure to 150 PSI

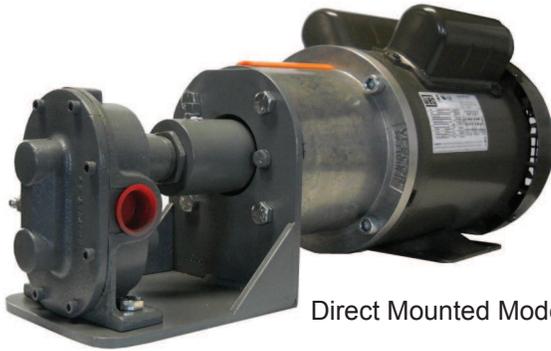
Performance and Sizing

SHAFT SPEED	PUMP MODEL	NPT Ports	GPM/100 RPM	~ CIR	0 PSI		20 PSI		40 PSI		60 PSI		80 PSI		100 PSI	
					GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
1750 RPM	3LOI	3/8"	0.451	1.04	7.9	1/2	7.6	1/2	7.4	3/4	7.2	1	7	1	6.8	1 1/2
	4LOI	1/2"	0.622	1.44	10.9	1/2	10.5	3/4	10.2	1	9.7	1	9.5	1 1/2	9	2
	6LOI	3/4"	1.075	2.48	18.8	1	18	1 1/2	16.5	2	15.5	2	14.5	2 1/2	13	3
	8LOI	1"	1.266	2.92	22.1	1 1/2	21	2	20	2	19	3	18	3	16.5	5
1150 RPM	3LOI	3/8"	0.451	1.04	5.2	1/4	4.8	1/4	4.5	1/3	4.1	1/2	3.8	3/4	3.5	1
	4LOI	1/2"	0.622	1.44	7.2	1/4	6.8	1/3	6.4	1/2	6	3/4	5.6	1	5.2	1
	6LOI	3/4"	1.075	2.48	12.3	1/3	11.8	1/2	11.3	3/4	10.8	1	10.3	1 1/2	9.8	2
	8LOI	1"	1.266	2.92	14.5	1/2	14	3/4	13.5	1	13		12.5	2	12	3
575 RPM	3LOI	3/8"	0.452	1.04	2.6	1/4	1.8	1/4	1.2	1/4	0.9	1/3	0.8	1/3	0.7	1/2
	4LOI	1/2"	0.622	1.44	3.6	1/4	3.2	1/4	2.8	1/3	2.4	1/3	2	1/2	1.6	1/2
	6LOI	3/4"	1.075	2.48	6.2	1/4	5.9	1/3	5.6	1/2	5.3	3/4	5.1	1	4.9	1
	8LOI	1"	1.266	2.92	7.4	1/3	7	1/2	6.6	3/4	6.2	1	5.8	1	5.4	1



MODEL LOI

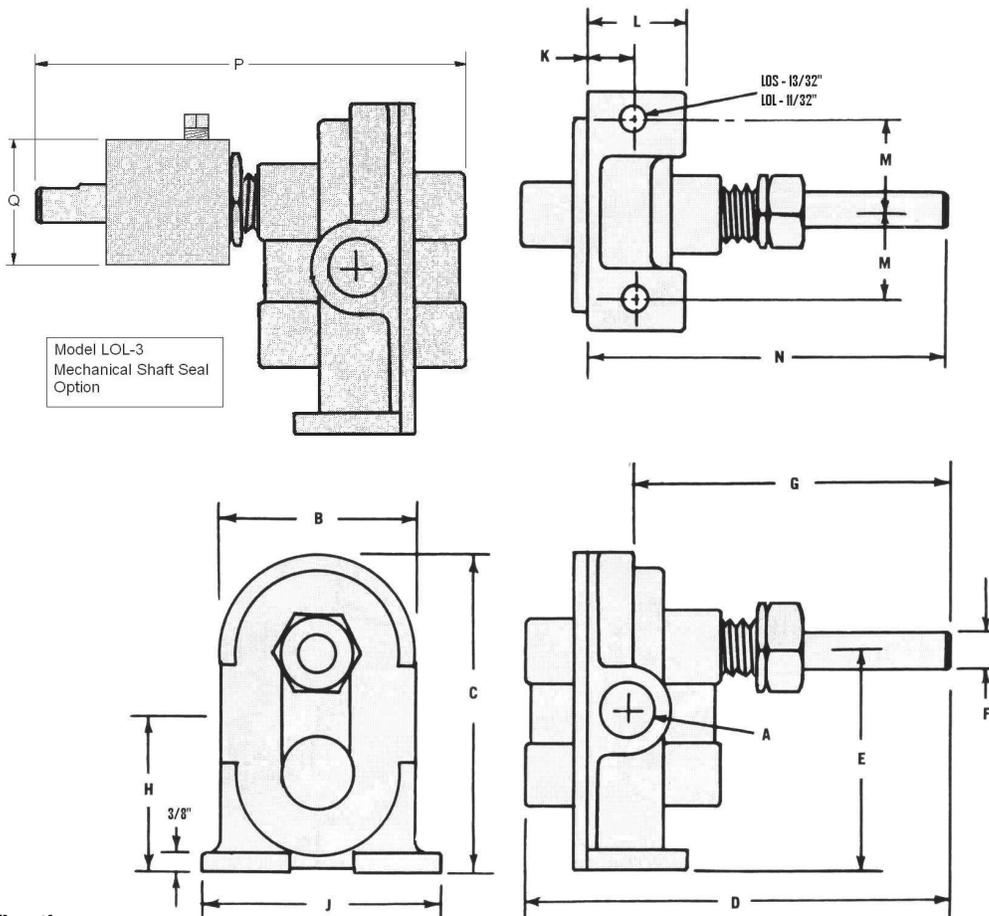
The **Lobee Model LOI Cast Iron Gear Pump** is designed for extra heavy duty performance in forced feed lubrication/cooling, fuel/solvent transfer as well as many other industrial applications where non-abrasive liquids are transferred in and around plant and equipment. The Lobee Model LOI is designed for severe service where standard pumps will not do the job. Available with top or bottom single shaft or double shaft, integral relief valve, lip seal, standard carbon graphite packing or mechanical seal. The Model LOI pump is larger and heavier than standard pumps of equal intake diameters and has greater capacities...flows to 22 gpm and continuous duty pressures to 150 psi.



Direct Mounted Model 8LOI



Model 6LOI with Relief Valve Cover



Dimensional Specifications

MODEL	Port	Body Width	Body Height	Overall Length	Mount to Shaft CL	Shaft Dia	Port CL to Shaft End	Mount to Port CL	Base Mount Width	Mount Hole Position	Base Mount Depth	Foot Mount Holes	Base Mount Rear to Shaft End	Overall Length with Mech Seal	Mechanical Seal housing
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
3LOI	3/8"	2-5/8"	4"	7"	2-11/16"	5/8"	5-3/8"	1-15/16"	3-1/2"	5/8"	1-15/16"	1-3/8"	5-7/8"	8-1/16"	2"
4LOI	1/2"	2-5/8"	4"	7-3/8"	2-11/16"	5/8"	5-5/8"	1-15/16"	3-1/2"	5/8"	1-15/16"	1-3/8"	6-1/4"	8-3/4"	2"
6LOI	3/4"	3-3/8"	5-5/16"	7-3/8"	3-5/8"	5/8"	5-1/2"	2-5/8"	4-1/8"	3/4"	1-3/8"	1-1/2"	6-1/4"	8-3/4"	2"
8LOI	1"	3-3/8"	5-5/16"	7-5/8"	3-5/8"	5/8"	5-5/8"	2-5/8"	4-1/8"	3/4"	1-1/2"	1-1/2"	6-1/2"	8-3/4"	2"