

Lobee Pump and Machinery Co.

EFFECTIVE April 1, 2013

Gear Pump Model Number Build

BRONZE GEAR PUMPS-HEAVY DUTY

Base Model	NPT Port	Net Wt.
1LOL	1/8"	2.5#
2LOL	1/4"	3.5#
3LOL	3/8"	5.5#
4LOL	1/2"	6#
6LOL	3/4"	8.75#
8LOL	1"	9.5#
10LOL	1 1/4"	21#
12LOL	1 1/2"	26#

CAST IRON GEAR PUMP

Base Model	NPT Port	Net Wt.
3LOI	3/8"	4.5#
4LOI	1/2"	
6LOI	3/4"	7#
8LOI	1"	

BRONZE GEAR PUMPS-STD DUTY PACKED SHAFT

Base Model	NPT Port	Net Wt.
4LOS	1/2"	4#
6LOS	3/4"	5#
8LOS	1"	6#

BRONZE GEAR PUMPS - MECHANICAL SHAFT SEAL STD

Base Model	NPT Port	Net Wt.
4LOM	1/2"	
6LOM	3/4"	
8LOM	1"	

316 STAINLESS STEEL GEAR PUMPS W/PTFE PACKED SHAFT

Base Model	NPT Port	Net Wt.
2LOE-S7	1/4"	3#
3LOE-S7	3/8"	3.5#
4LOE-S7	1/2"	3.75#
6LOE-S7	3/4"	4.5#
8LOE-S7	1"	5#
1MOE-S7	1/4"	2.75#
2MOE-S7	1/4"	3#
3MOE-S7	3/8"	3.5#
4MOE-S7	1/2"	3.75#
6MOE-S7	3/4"	4.5#
8MOE-S7	1"	5#

Includes standard PTFE shaft packing

316 SS W/INTEGRAL MECHANICAL SEAL

Base Model	NPT Port	Net Wt.	MECHANICAL SEAL OPTIONS		
			(2) Type 2106 Viton	(1) Type 2100 Viton	(9) Type 9 PTFE
2LOX-S	1/4"	4.5#			
3LOX-S	3/8"	5#			
4LOX-S	1/2"	5.25#			
6LOX-S	3/4"	6#			
8LOX-S	1"	6.5#			
1MOX-S	1/4"	4#			
2MOX-S	1/4"	4.5#			
3MOX-S	3/8"	5#			
4MOX-S	1/2"	5.25#			
6MOX-S	3/4"	6#			
8MOX-S	1"	6.5#			

SHAFT SEAL OPTIONS - AVAILABLE FOR MODELS INDICATED IN RIGHT COLUMN

Part #	Description	For Pump Models
P	Standard Graphited Rope Packing	LOS, LOL, LOI
7	Braided PTFE (Teflon ®) Rope Packing	LOE
6	Braided PTFE (Teflon ®) Rope Packing - FDA Compliant	LOE
6F	Braided PTFE (Teflon ®) Rope Packing - FDA Compliant	LOS, LOL
5	Buna Lip Seal	LOL, LOI
4	FKM Lip Seal (Fluoroelastomer, Viton ®)	LOL, LOI
8	Buna Lip Seal	LOM, LAN
8V	FKM Lip Seal (Fluoroelastomer, Viton ®)	LOM, LAN
32	Type 2100 Mechanical Seal Assembly - Carbon/Ceramic Face, FKM (Viton ®) Elastomers	10/12 LOL 1" Drive Shaft Only
3	Type 2106 Mechanical Seal Assembly - Carbon/Ceramic Face, FKM (Viton ®) Elastomers	LOL, LOI
3G	Type 2100 Mechanical Seal Assembly - Carbon/Ceramic Face, FKM (Viton ®) Elastomers (for heavy duty applications)	LOL, LOI 1/2" Drive Shaft Only
3H	Type 1 Mechanical Seal Assembly - Carbon/Ceramic Face, FKM (Viton ®) Elastomers (for heavy duty applications)	LOL, LOI 1/2" Drive Shaft Only
3H	Type 1 Mechanical Seal Assembly - Carbon/Ceramic Face, FKM (Viton ®) Elastomers (for heavy duty applications)	LOL, LOI 5/8" Drive Shaft Only
2	Type 2106 Mechanical Seal Assembly including; 316 SS Housing, Carbon/Ceramic Face Seals, FMK (Viton ®) Elastomers - Std Duty	LOE-C,S,M
1	Type 1 Mechanical Seal Assembly including; 316 SS Housing, Carbon/Ceramic Face Seals, FMK (Viton ®) Elastomers - Heavy Duty	LOE-C,S,M
1T	Type 1 Mechanical Seal Assembly including; 316 SS Housing, Glass Filled PTFE/Ceramic Face Seals, FMK (Viton ®) Elastomers. CARBON FREE APPLICATIONS	LOE-C,S,M
9	Type 9 Mechanical Seal Assembly including; 316 SS Housing, Carbon/Ceramic Face Seals, PTFE (Teflon ®) Elastomers	LOE-C,S,M
9T	Type 9 Mechanical Seal Assembly including; 316 SS Housing, Glass Filled PTFE/Ceramic Face Seals, PTFE (Teflon ®) Elastomers. CARBON FREE APPLICATIONS	LOE-C,S,M
9C	Type 9 Mechanical Seal Assembly including; Alloy 20 SS Housing, Carbon/Ceramic Face Seals, PTFE (Teflon ®) Elastomers	LOE-C,S,M

* Model LOE mechanical seals are no longer available in new configurations. Call for replacement parts only.

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OTHER OPTIONS

ADJUSTABLE INTEGRAL RELIEF VALVE

<u>Part #</u>	<u>Description</u>
RVS	LOS 5-100 PSI Poppet Style Relief Valve
RVL	LOL 5-100 PSI Poppet Style Relief Valve (Large Body)

ADJUSTABLE EXTERNAL RELIEF VALVE FOR STAINLESS STEEL MODELS LOE/LOX

<u>List Price</u>	<u>Part #</u>	<u>Description</u>
	ERV	LOE-S, C, M external adjustable relief valve kit
	LOE-RVC05-100	1" NPT Tee Relief Valve, 316 SS Body, 20-125 PSI Spring, Metal wetted seat(ANSI Class IV), PTFE poppet seal, Carbon steel non-wetted(painted/coated)
	LOE-RVC05-75	3/4" NPT Tee Relief Valve, 316 SS Body, 20-125 PSI Spring, Metal wetted seat(ANSI Class IV), PTFE poppet seal, Carbon steel non-wetted(painted/coated)
	LOE-RVC05-50	1/2" NPT Tee Relief Valve, 316 SS Body, 20-130 PSI Spring, Metal wetted seat(ANSI Class IV), PTFE poppet seal, Carbon steel non-wetted(painted/coated)
	LOE-RVC05-37	3/8" NPT Tee Relief Valve, 316 SS Body, 30-150 PSI Spring, Metal wetted seat(ANSI Class IV), PTFE poppet seal, Carbon steel non-wetted(painted/coated)
	LOE-RVC05-25	1/4" NPT Tee Relief Valve, 316 SS Body, 30-130 PSI Spring, Metal wetted seat(ANSI Class IV), PTFE poppet seal, Carbon steel non-wetted(painted/coated)

GEAR SHAFT JOURNAL BEARINGS

<u>List Price</u>	<u>Part #</u>	<u>Description</u>
	DB	Acetal (Delrin™) Journal Bearings(Std in LAL)
	RB	Glass Filled PTFE (Rulon™) Journal Bearings
	SB	Special Journal Bearings - Specify Material

SHAFT MODIFICATIONS

<u>List Price</u>	<u>Part #</u>	<u>Description</u>
	KS-(*)	Keyed Shaft - *(Call out size)
	SL-(*)	Special Shaft Length- *(Call out length)
	BS	Bottom Drive Shaft

SPECIAL GEAR MATERIAL

<u>Part #</u>	<u>Description</u>
PG	Pactene (UHMW)
PK	PEEK 1000
HPV	PEEK HPV
WM	WM88 High Nickel SS

OTHER

<u>List Price</u>	<u>Part #</u>	<u>Description</u>
	S	Cover Screw, Allen Head , 8-32 X 1/2 - Black Oxide Steel
	PX	Special Porting
	TX	PTFE Gaskets for Bronze Pumps
	XX	Application Specific Special Option
	NC1	GFT-No Carbon Type 1 Mechanical Seal (SS3001-2)
	NC9	GFT-No Carbon Type 9 Mechanical Seal (SS3002-2)
	NGP	Special Order - No Grease Ports

LIMITED WARRANTY

Lobee Pump & Machinery Company, for a period of ninety (90) days after date of shipment from its plant, guarantees all products and parts to be free of defects in material and workmanship when properly installed and operated. Defects arising from damage in shipment, misuse, negligence or faulty installation are not covered by this warranty. Written notice of any defect must be given to the Company and any defective part or product must be returned to the Company's plant at Buyer's expense. The exclusive remedy for defects is the repair or replacement of products or parts which, upon inspection by the Company, are found to be defective. Merchandise not of the Company's manufacture supplied in piece, or in component assemblies, is not covered by the above warranty of the original manufacturer and the Company will give the Buyer the benefit of any such adjustment as it can make with the supplier. Lobee Pump & Machinery Company will in no event be liable for incidental or consequential damages of any kind whatsoever.