

Lobee Pump and Machinery Co.

LIST EFFECTIVE July 1, 2011

Gear Pump Model Number

	Base Model	Shaft Seal	Relief Valve	Other Options	Complete Part #
EXAMPLES	4LOX-S	9			4LOX-S9
	3LOL	3	RVS		3LOL-3RVS

BRONZE GEAR PUMPS-HEAVY DUTY

Base Model	NPT Port	Net Wt.
1LOL	1/8"	2 1/2#
2LOL	1/4"	3 1/2#
3LOL	3/8"	5 1/2#
4LOL	1/2"	6#
6LOL	3/4"	8 3/4#
8LOL	1"	9 1/2#
10LOL	1 1/4"	21#
12LOL	1 1/2"	26#

316 STAINLESS STEEL GEAR PUMPS W/PTFE PACKED SHAFT

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

Includes standard PTFE shaft packing

BRONZE GEAR PUMPS-STD DUTY PACKED SHAFT

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

316 SS W/INTEGRAL MECHANICAL SEAL

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

BRONZE GEAR PUMPS - MECHANICAL SHAFT SEAL STD

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

ALLOY 20 (CARPENTER 20™) GEAR PUMP

Base Model	NPT Port	Net Wt.
3LOE-C	3/8"	3#
6LOE-C	3/4"	5#

NICKEL ALLOY GEAR PUMPS-STD DUTY PACKED SHAFT

Base Model	NPT Port	Net Wt.
3LAL	3/8"	3#
4LAL	1/2"	3 1/2#
6LAL	3/4"	4#
8LAL	1"	5#
10LAL	1-1/4"	15#
12LAL	1 1/2"	20#

MONEL GEAR PUMP

Base Model	NPT Port	Net Wt.
3LOE-M	3/8"	3#

CAST IRON GEAR PUMP

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

SHAFT SEAL OPTIONS - AVAILABLE FOR MODELS INDICATED IN RIGHT COLUMN

Number	Description	For Pump Models
P	Standard Graphited Rope Packing	LOS, LOL, LOI
7	Braided PTFE (Teflon®) Rope Packing	LOE, LAL
6	Braided PTFE (Teflon®) Rope Packing - FDA Compliant	LOE, LAL
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
3	Type 2106 Mechanical Seal Assembly - Carbon/Ceramic Face, FMK (Viton®) Elastomers	LOL, LOI, LAL
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

* These price adders are for the model LOE with the old style mechanical seal. Do not use for model LOX

OTHER OPTIONS

ADJUSTABLE INTEGRAL RELIEF VALVE

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

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ADJUSTABLE EXTERNAL RELIEF VALVE

<u>Part #</u>	<u>Description</u>
ERV	LOE-S, C, M external adjustable relief valve kit

GEAR SHAFT JOURNAL BEARINGS

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

SPECIAL IDLER GEARS - FOR LOE STAINLESS STEEL PUMPS

<u>Part #</u>	<u>Description</u>
PG	2 LOE Pactene (UHMW) Idler Gear
PG	3 LOE Pactene (UHMW) Idler Gear
PG	4 LOE Pactene (UHMW) Idler Gear
PG	6 LOE Pactene (UHMW) Idler Gear
PG	8 LOE Pactene (UHMW) Idler Gear
SG	Special Material

SHAFT MODIFICATIONS

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

OTHER

<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

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.