

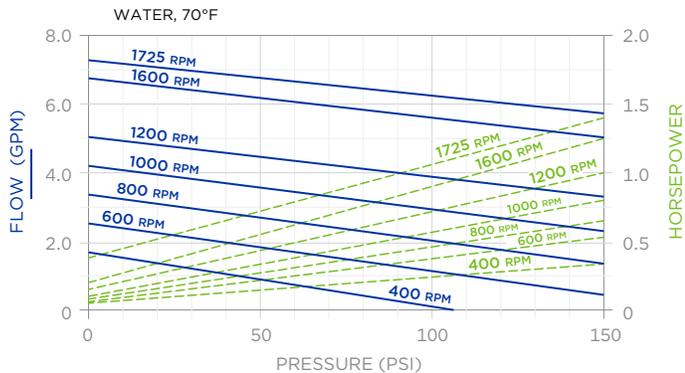


OBERDORFER
by Gardner Denver

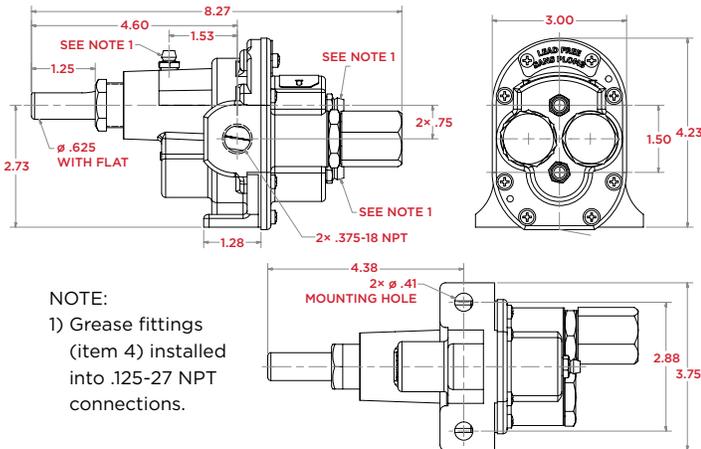
LEAD-FREE PEDESTAL GEAR PUMPS
FOR MAPLE SYRUP APPLICATIONS

Model OBNL3000LR

PERFORMANCE CURVE



DIMENSIONS



Features

- Lead free and corrosion resistant
- Helical gears for quiet operation
- Stainless steel shafts & fasteners
- Synthetic braided compression packing (with PTFE dispersion)
- 3/8" NPT ports

Mounting & Drive Arrangement

Pumps should be mounted on a rigid base and properly aligned with the motor. Direct drive via flexible shaft coupling is the preferred method. When a belt drive is needed, additional support is necessary to absorb the added pulley load.

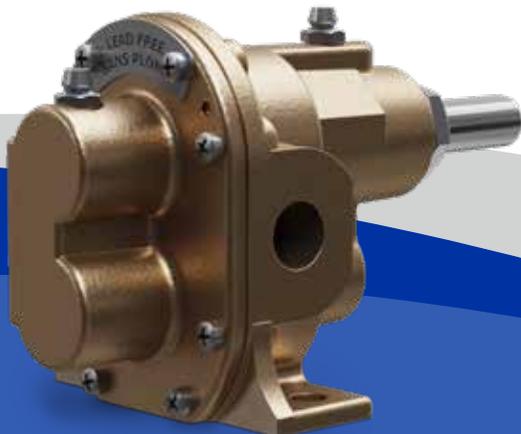
Liquids & Temperature

Service life will be increased if the liquid pumped is clean and has some degree of lubricity. These positive displacement pumps have tight tolerances. When possible, flush the pump after each usage.

Temperature extremes are detrimental to service life and should be avoided. Basic metals of construction allow a temperature range of -40 to 220°F. Allowing a liquid to freeze in the pump can cause damage.

Suction Lift

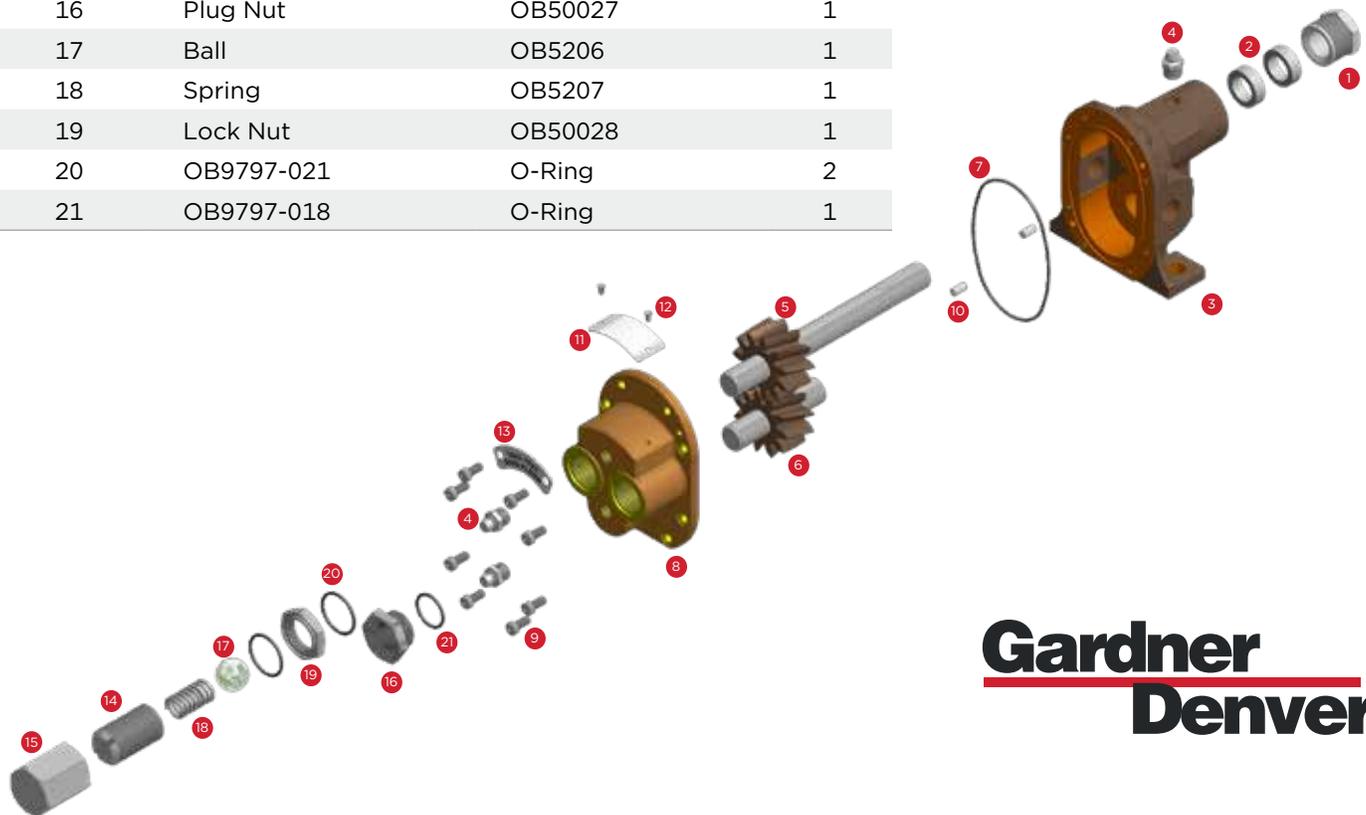
Close tolerances and the positive pumping action make the rotary gear pump capable of lifting water on the suction side as high as 20 feet. Though gear pumps are self-priming, a foot valve is recommended. If possible, wet the gears with liquid to be pumped for the first dry start. Liquid retained in the system and gear chambers serves to "wet" the pump on subsequent starts. When possible flush pumps after usage.



PARTS LIST - OBNL3000LR

ITEM NO.	DESCRIPTION	COMPONENT NO.	QTY.
1	Packnut	OB1762-01	1
2	Packing	OB5479	2
3	Body	OB9318BC1N-1	1
4	Grease Fitting	OB5390-01	3
5	Drive Shaft & Gear Assy	OB50037	1
6	Idle Shaft & Gear Assy	OB50038	1
7	O-Ring	OB9797-041	1
8	Cover	OB9323BN5B-1	1
9	Screw	OB5385	8
10	Dowel Pin	OB8885	2
11	Pump Tag	OB9344	1
12	Tag Screw	OB9345	2
13	Lead Free Tag	OB50003	1
14	Adjusting Screw	OB50025	1
15	Bypass Nut	OB50026	1
16	Plug Nut	OB50027	1
17	Ball	OB5206	1
18	Spring	OB5207	1
19	Lock Nut	OB50028	1
20	OB9797-021	O-Ring	2
21	OB9797-018	O-Ring	1

REPAIR KIT	
Part No.	OBNL3000LRK
Items Included	2, 5, 6 & 7



Gardner Denver®

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Please recycle after use.