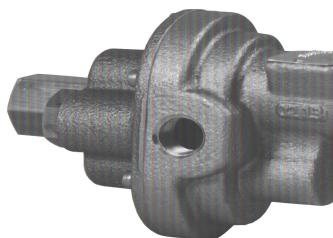


GEAR PUMPS

GEAR PUMPS SERIES CB62060GRC

PERFORMANCE



FEATURES

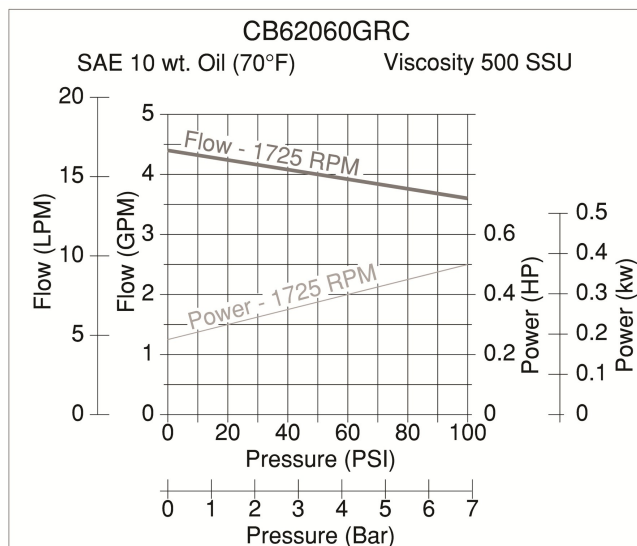
- Housing Gasket – Fluoroelastomer O-ring
- Construction – Bronze Housing, Bronze Spur Gears, Stainless Shafts
- Shaft Seals – Nitrile Mechanical with carbon and ceramic wear faces
- Bearings – Carbon Graphite
- Maximum working pressure: 150 PSI
- Internal Bypass Relief Valve
- Rotation – Factory configured for CCWLE Motors***
- Flows to 4.4 GPM
- Max. RPM: 1725
- Max. PSI: 100
- Suction lift to 3.6 ft.**
- Maximum viscosity of 500 SSU at 1725 RPM (max. input torque of 45 in. lbs.)

DRIVE

Intended for close-coupled mounting to NEMA 48 Carbonator Mount footed motors using clamp and T coupling. Pump can be mounted in any orientation relative to the motor base. For vertical installations, mount pump below motor. Complete pump / motor units are available.

LIQUIDS AND TEMPERATURE

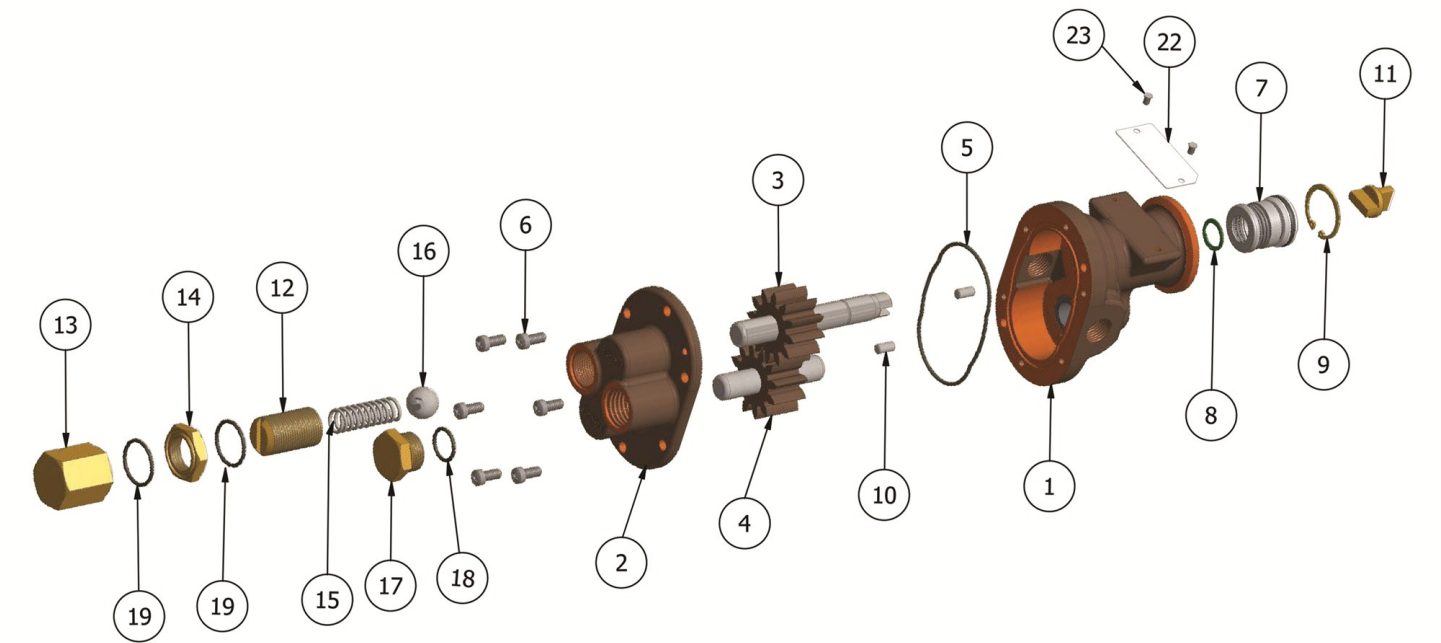
For use with particulate free and non-abrasive fluids compatible with bronze and stainless steel. Suitable for oils and other lubricating fluids and for intermittent duty when handling water based fluids in the 4-10 pH range. Temperature range: -40° F to 225° F.



SUCTION LIFT

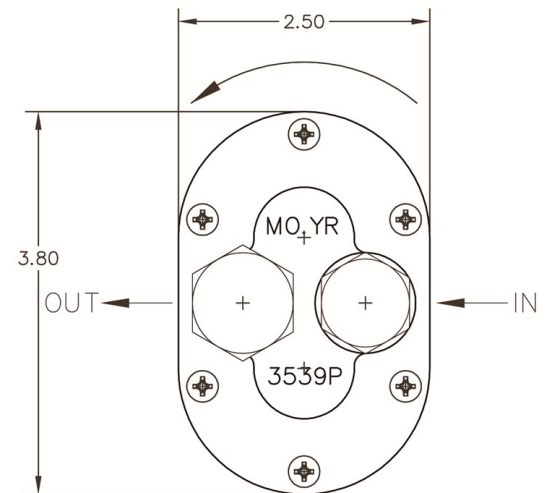
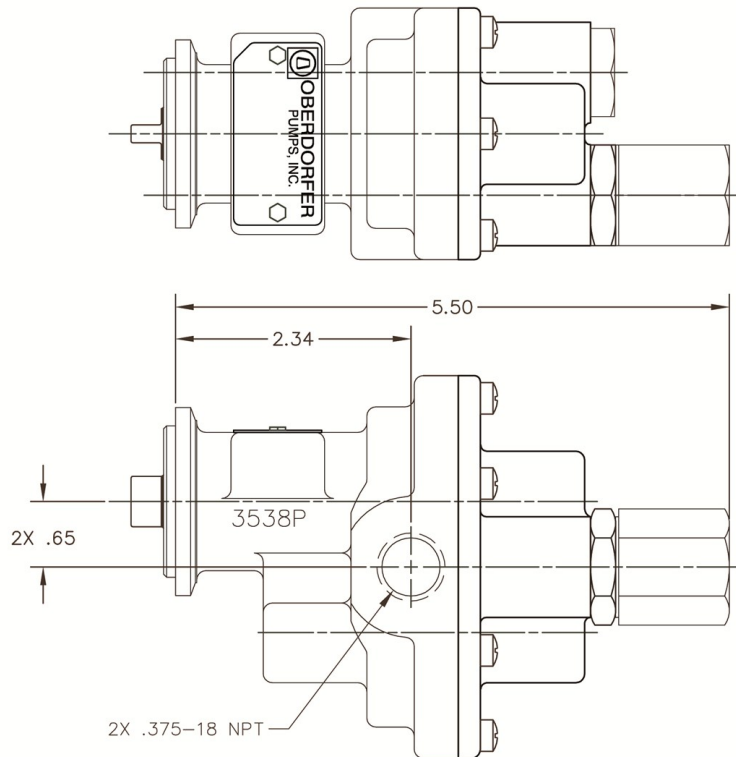
For a first start-up, the pump should be primed to avoid dry running. Gear pumps are self-priming, but a foot valve with strainer is recommended at the beginning of the suction line. This will keep the gear chamber primed to insure instant flow when the pump is started. maximum suction lift is 20 feet. The suction line should be as short as possible.

EXPLODED VIEW AND PARTS LIST



	1	2	3*	4*	5*	6	7*	8	9	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	
	Body w/ Brg.'s Sub Assy	Cover w/ Brg.'s Sub Assy	Drive Gear Assy	Idle Gear Assy	O-Ring	Screw	Mech Seal	Snap Ring	Snap Ring	Dowel Pin	Coupler	Adjusting Screw	Nut, Bypass	Lock Nut	Spring Bypass	Ball	Plug Nut	O-Ring	O-Ring	V-Band Clamp	Plastic Bag	Tag	Tag Screw	*Repair Kit
Pump No.	1 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	6 Req'd	1 Req'd	1 Req'd	1 Req'd	2 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	1 Req'd	2 Req'd	1 Req'd	1 Req'd	1 Req'd	2 Req'd	
CB62060GRC	3538PCAN-C	3539PN5B-C	33403	32111	9797-037	5385	32584	5373	7639	8885	2353	5237	5239	5240D	1840	5238	1838	9797-015	9797-019	8840	9164	9344	9345	TBD
* Repair Kits contain items 3, 4, 5, 7 & 11. Items not depicted in assembly drawing.																								

DIMENSIONS



ROTATION AND RELIEF VALVE

The relief valve is not intended to be a metering or flow control device. Its main purpose is to function as a discharge pressure relief when the spring tension is exceeded by the discharge pressure. Overheating can occur within 5-10 minutes if the discharge line is completely shut off for extended periods.

Unless otherwise specified, the pump motor unit is supplied by the factory for shaft rotation clockwise from shaft end.

Reversing the motor rotation will reverse the "in" and "out" ports and also requires changing the relief valve location. The relief valve is always on the discharge side in this pump series. The factory pressure setting is 50 PSIG. To increase pressure, turn the relief valve adjusting screw in a clockwise direction.

To reverse single phase motors, find instructions on the inside of the junction box cover or on the name plate of the motor.