

3" Polypropylene Hydraulic Centrifugal Pump Hydraulic Driven Poly Pump

GRESEN MGG2 HYDRAULIC MOTOR

FEATURES

- Hydraulic fluid capacity
Minimum 6 Gallons / Maximum 10 Gallons.
- 12 H.P. Motor.
- Open or closed system.
- 3600 RPM.



3" HYDRAULIC DRIVEN POLYPROPYLENE PUMP

PART NO.	DESCRIPTION	HP
300PHY	3" Hydraulic Driven Polypropylene Pump	12

POLYETHYLENE SUCTION BASKET STRAINER



PART NO.	DESCRIPTION	QTY.
150SBS	1 1/2" Female Thread Poly Basket	1 pc.
200SBS	2" Female Thread Poly Basket	1 pc.
300SBS	3" Female Thread Poly Basket	1 pc.

HYDRAULIC MOTOR TECH DATA:

U.S. Gallons/Rev. 0.0025
Cubic Inches/Rev. 0.580
Liters/Rev. 0.0097

Max Hydraulic Pressure 2000 P.S.I.
Min Hydraulic Pressure 200 P.S.I.

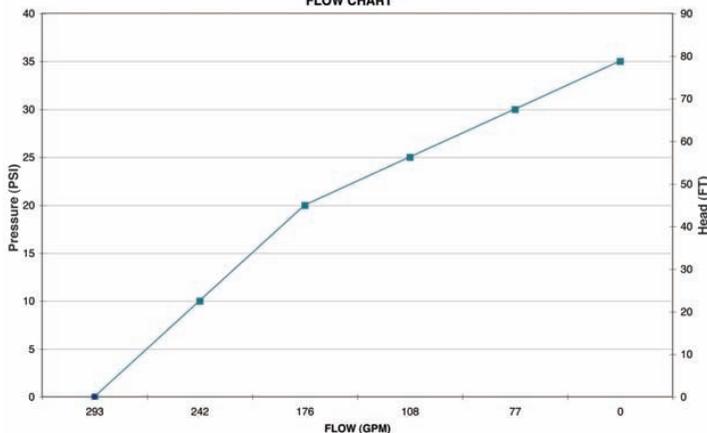
Inlet Port SAE 10 (7/8-14 UNF-2B)
Outlet Port SAE 10 (7/8-14 UNF-2B)

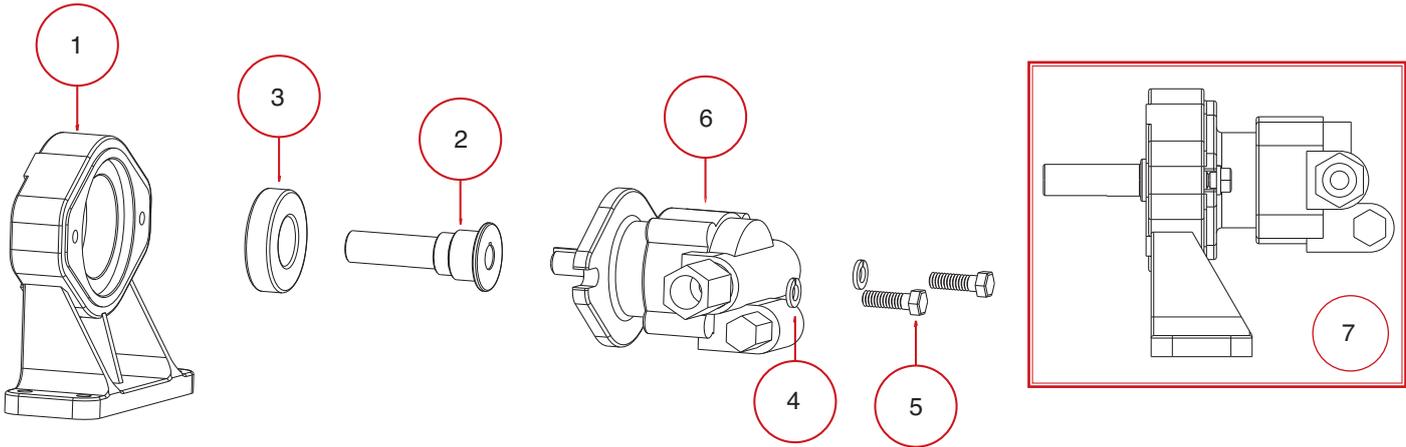
- Minimum Hydraulic GPM required to motor for Banjo Pump 6 GPM (2400 rpm)
- Maximum Hydraulic GPM required to motor for Banjo Pump 10 GPM (4000 rpm)
- Ideal GPM required to motor for Banjo Pump 13.7 GPM (3600 rpm)

CONNECTION INFORMATION:

- Inlet ("A" port)
- Outlet ("B" port)
- Supplied check valve is to ensure proper rotation of the Banjo pump. Place check Valve in outlet port (marked "B") for proper right hand rotation.

FLOW CHART





FOR HYDRAULIC ASSEMBLIES MANUFACTURED AFTER JANUARY 25, 2002

REPLACEMENT PARTS 3" HYDRAULIC ADAPTER				
REF. NO.	PART NO.	DESCRIPTION	QTY. PER PUMP	
1	12049B	Hydraulic Pedestal Housing	1	
2	12055B	Adapter Shaft	1	
3	17056	Bearing	1	
4	V20018	³ / ₈ " Lockwasher	2	
5	18010SS	³ / ₈ " - 16 x1.25" HHCS	2	
6	HY1013	Gresen Hydraulic Motor	2	
7	12600B	Complete Hydraulic Assembly	1	

REPLACEMENT PARTS 3" POLY PUMP FOR PUMPS MANUFACTURED BEGINNING SEPT. 1996				
NO.	DESCRIPTION	PER	PART NO.	
2	Body Nuts SS	10	V07019	
3	Lock Washer SS	10	V07018	
4	Poly Pump Rear Bracket	1	12703A	
5 & 6	Seal Assembly*+	1	12713	
7	Screw Heads "O" Ring*+	4	12717	
8	Bracket Screws SS	4	12715A	
9	O-Ring Segment*+	1	12754	
10	Body O-Ring*+	1	12719A	
11	4 Vane Poly Pump Impeller+	1	13771	
12	Impeller Bolt ⁵ / ₁₆ x 24 x 1.12 (all except 8 HP Briggs)	1	12765A	
12	Impeller Bolt ³ / ₈ x 24 x 1.00 (for 8 HP Briggs)	1	13765	
13	Impeller Bolt Gasket*+	1	12774VA	
14	Impeller Hex Nut	1	12775A	
15	Poly Pump Volute	1	13702	
16	Volute Screws SS	2	12725	
17	Poly Pump Check Valve+	1	12705	
18	Poly Pump Body Assembly	1	13712	
19	Body Screws SS	10	12720	
20	Prime / Drain Plug	2	13777	
21	Prime / Drain Plug O-Ring*	2	13778	
25	Upper Volute Screw SS	1	12900	
26	Rear Bracket Washer SS	1	12901	
27	Impeller Key	1	12902A	
28	Poly Pump Slinger*+	1	12716	
29	O-Ring for Seal Assembly*+	1	12710	
N/S	Complete Bearing Pedestal	1	12882A	
N/S	Pump Repair Kit — 4 Vane Impeller (Consists Of Items Marked With +)	1	13000	
N/S	Pump Seal/O-Ring Kit (Consists Of Items Marked with *)	1	13999	