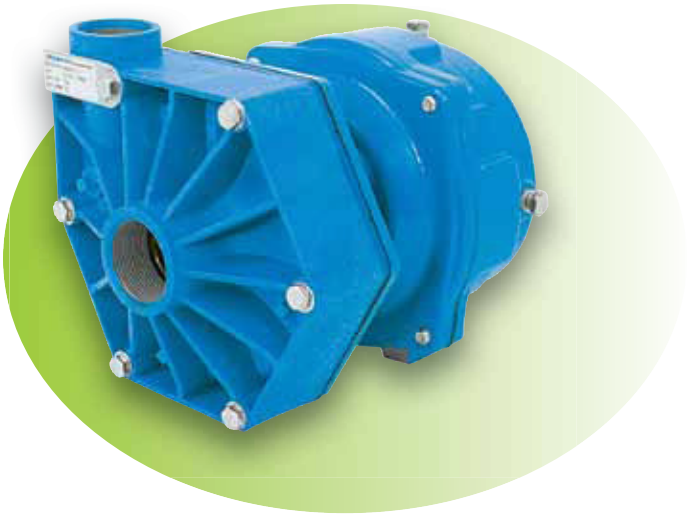
Gear-Driven, Polypropylene

Series 9000P-O



- Planetary oil-bath gear drive
- Port sizes: 1½" NPT inlet, 1¼" NPT outlet
- Max. fluid temperature: 140°F/60°C
- Housing: Polypropylene
- Impeller: Polypropylene
- Pump shaft rotation: CCW*
- Weight: 37 lbs./16.8 kg
- Pump seals: Viton/ceramic standard; Life Guard® silicon carbide (B) and Buna-N ceramic available

Order Information

Model Number	Max GPM	Max PSI	Max RPM	PTO Output	Locking Collar Kit
9006P-O	97	83	600	1 ⅜" 540 rpm female	x
9008P-O	94	67	1000	1 ⅜" 1000 rpm female	x
9016P-O	97	83	600	1" solid shaft	
9018P-O	94	67	1000	1" solid shaft	
3430-0333	Seal and o-ring repair kit				
3430-0590	Life Guard® silicon carbide seal kit				

Life Guard® silicon carbide seal - Add suffix "B" (i.e.: 9006P-O-B)

9006P-O, 9016P-O **U.S. Units**

RPM	GPM at 10 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI	GPM at 70 PSI
450	73	63	52	34			
500	81	77	67	55	37		
550	88	85	78	68	56	36	
600	97	97	93	85	76	66	52

9008P-O, 9018P-O **U.S. Units**

RPM	GPM at 10 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI
800	70	64	53	34		
900	83	79	70	58	42	
1000	96	92	86	78	67	52

9006P-O, 9016P-O **Metric**

RPM	LPM at 0.7 BAR	LPM at 1.4 BAR	LPM at 2.1 BAR	LPM at 2.8 BAR	LPM at 3.4 BAR	LPM at 4.1 BAR	LPM at 4.8 BAR
450	276	239	196	129			
500	307	291	255	208	142		
550	333	323	295	257	210	137	
600	367	367	354	323	288	249	198

9008P-O, 9018P-O **Metric Units**

RPM	LPM at 0.7 BAR	LPM at 1.4 BAR	LPM at 2.1 BAR	LPM at 2.8 BAR	LPM at 3.4 BAR	LPM at 4.1 BAR
800	314	243	200	128		
900	363	299	265	220	161	
1000	327	348	327	296	254	198

*CCW (counterclockwise) CW (clockwise) are determined when looking at the shaft end.

Centrifugal Pumps

For today's machinery and tomorrow's demands, Hypro centrifugal pumps lead the industry! Pump capabilities range up to 440 gpm and 190 psi. With the largest selection of models, Hypro allows you to match the right pump to your equipment and task. Use Hypro centrifugal pumps for chemical spraying and transfer applications.

The broad, versatile line includes models with rugged housings of cast iron, stainless steel and polypropylene that stand up to strong chemical herbicides. Stainless steel pumps are ideal for use with Roundup® or other acid applications. Polypropylene pumps are lightweight and provide excellent resistance to corrosive chemicals. Choose from gear, pedestal, flange, DC clutch, hydraulic motor and belt drives, as well as models that are closed-coupled to gasoline engines.



All of the Hypro centrifugal pumps share these quality features:

- Compatible with corrosive, abrasive and general use chemicals
- Models with high volume (440 gpm), high pressure (190 psi) capabilities
- Nylon, polypropylene, or GTX impellers on most models
- Hydraulically-driven models feature high-efficiency, cast-iron hydraulic motor
- Hydraulic motor equipped with proprietary double-lip Teflon seals
- Life Guard® silicon carbide mechanical seals standard on all stainless steel pumps and available in select cast iron and polypropylene models
- Viton mechanical seals standard on cast iron and polypropylene models
- Standard shafts are stainless steel
- Stainless steel wear ring for extended life on cast iron models
- Hydraulically-driven pumps are max performance tested using proprietary software

