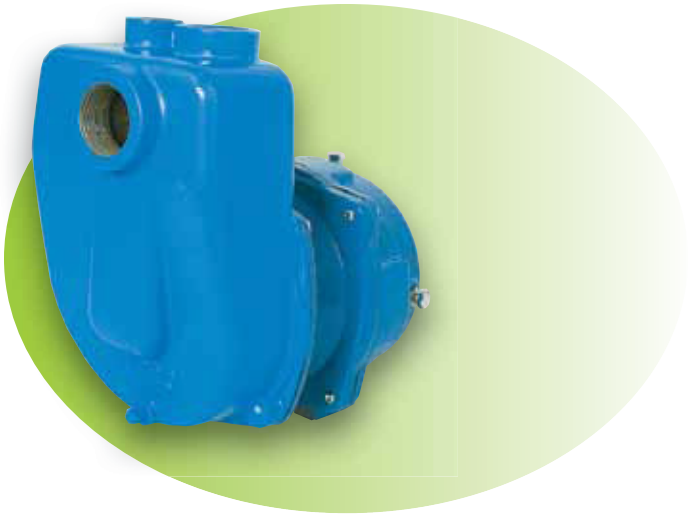
Gear Driven, Cast Iron, Self-Priming

Series 9000C-O-SP



- Planetary oil-bath gear drive
- Port sizes: 1½" NPT inlet, 1¼" NPT outlet
- Max. fluid temperature: 140°F/60°C
- Housing: cast iron
- Impeller: Nylon
- Pump shaft rotation: CCW*
- Weight: 62 lbs./28.2 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 and Mounting Clip
9006C-O-SP	119	77	600	1 ⅜" 540 rpm	x
9016C-O-SP	119	77	600	1" solid shaft	
9028C-O-SP	117	69	1000	1 ¾" 1000 rpm	x
3430-0334	Seal and o-ring repair kit				
3430-0591	Life Guard® silicon carbide seal kit				
3430-0480SP	Self priming chamber kit				

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

9006C-O-SP, 9016C-O-SP — **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
500	101	95	77	51	12		
540	111	109	94	74	47	11	
600	119	118	112	97	79	54	23

9028C-O-SP — **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	91	81	57	19		
940	105	101	84	60	25	
1000	117	114	104	87	65	33

9006C-O-SP, 9016C-O-SP — **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	LPM at 4.8 BAR
500	382	360	291	193	45		
540	420	413	356	280	178	42	
600	450	447	424	367	299	204	87

9028C-O-SP — **Metric Units**

RPM	LPM at .07 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	344	307	216	72		
940	397	382	318	227	95	
1000	443	432	394	329	246	125

*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

