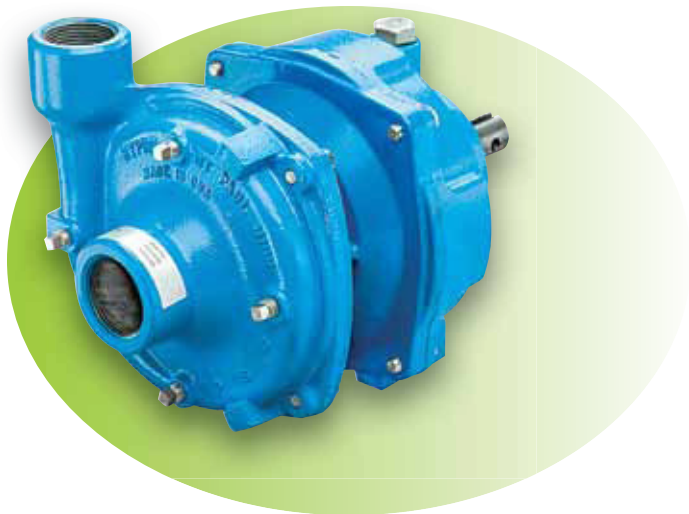


# Gear Driven, Cast Iron

## Series 9000C-0



- 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: 44 lbs./20 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-0	117	78	600	1 3/8" 540 rpm female	x
9008C-0	110	75	1000	1 3/8" 1000 rpm female	x
9016C-0	117	78	600	1" Solid Shaft	
9018C-0	110	75	1000	1" Solid Shaft	
9028C-0	110	75	1000	1 3/4" 1000 rpm female	x
3430-0334	Seal and o-ring repair kit				
3430-0591	Life Guard® silicon carbide seal kit				

Life Guard® silicon carbide seal - Add suffix "B" (i.e.: 9006C-0-B)

### 9006C-0, 9016C-0

### U.S. Units

RPM	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	97	86	71	47		
540	106	96	87	70	47	
600	117	113	104	96	82	63

### 9008C-0, 9018C-0, 9028C-0

### U.S. Units

RPM	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI	GPM at 70 PSI
800	82	70	53			
900	96	88	76	60	24	
1000	110	102	96	86	70	46

### 9006C-0, 9016C-0

### Metric Units

RPM	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	367	326	269	178		
540	401	363	329	265	178	
600	443	428	394	363	310	238

### 9008C-0, 9018C-0, 9028C-0

### Metric Units

RPM	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
800	310	265	201			
900	363	333	288	227	91	
1000	416	386	363	326	265	174

\*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

