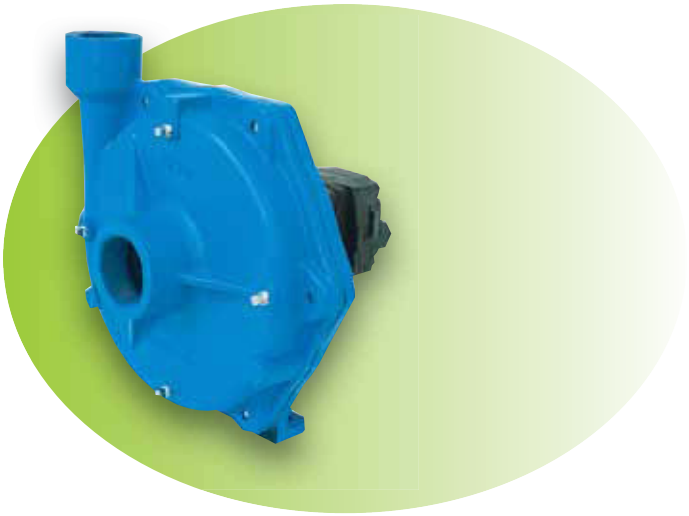
Hydraulically-Driven, Cast Iron

Series 9305C



- Available in cast iron
- Hydraulic motor drive (for open center, closed center and load-sensing systems)
- Port sizes: 2" NPT inlet, 1½" NPT outlet
- Max. fluid temperature: 140°F/60°C
- Impeller: Nylon
- Motor: internal gear gerotor
- Hydraulic ports: ½" NPT inlet, ¾" NPT outlet
- Max. motor psi: 3000
- Weight: 48 lbs./21.8 kg
- Pump seals: Viton/ceramic standard; Life Guard® silicon carbide (B) and Buna-N ceramic available
- Hydraulic motor seal: double-lip Teflon

Order Information

Model Number	Max GPM	Max PSI	Max Hyd. GPM	Hydraulic Selection System
9305C-HM3C	182	156	19	Open/Closed
3430-0500	Seal and o-ring repair kit			
3430-0601	Life Guard® silicon carbide seal kit			

Life Guard® silicon carbide seal - Add suffix "B" (i.e.: 9305C-HM3C-B)

9305C-HM3C **U.S. Units**

Hyd. Flow GPM	GPM at 50 PSI	GPM at 60 PSI	GPM at 70 PSI	GPM at 80 PSI	GPM at 90 PSI	GPM at 100 PSI	GPM at 110 PSI	GPM at 120 PSI	GPM at 130 PSI	GPM at 140 PSI
17	173	164	148	127	97	70	44	14		
18	177	175	168	154	135	109	87	62	34	
19	180	179	177	167	151	134	115	95	72	44

9305C-HM3C **Metric Units**

Hyd. Flow LPM	LPM at 3.4 BAR	LPM at 4.1 BAR	LPM at 4.8 BAR	LPM at 5.5 BAR	LPM at 6.2 BAR	LPM at 6.9 BAR	LPM at 7.6 BAR	LPM at 8.3 BAR	LPM at 9.0 BAR	LPM at 9.7 BAR
64.4	655	621	560	481	367	265	167	53		
68.1	670	662	636	583	511	413	329	235	129	
71.9	685	678	670	632	572	507	435	360	273	167

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

