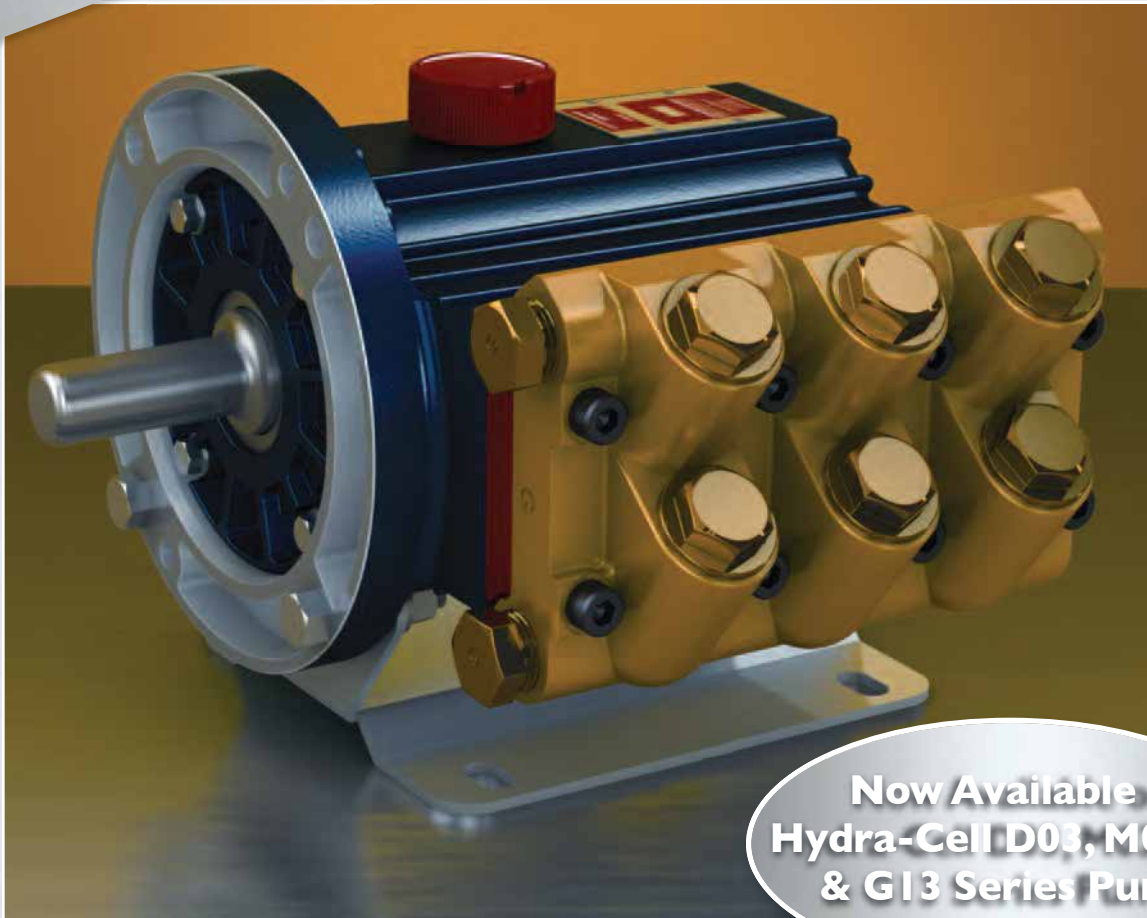


Hydra-Cell®
Industrial Pumps

Easy-to-Service Mono-Block Pumps



Now Available on
Hydra-Cell D03, M03, G03
& G13 Series Pumps

An Innovative New Hydra-Cell Design to Lower Maintenance Costs and Reduce Downtime

Mono-Block Features:

- Easy access, one-piece cartridge style check valves for servicing without disassembly of pump or removal of plumbing
- Kel-Cell® diaphragm position control standard on all Mono-Block pumps
- Left and right inlet and outlet ports for easy plumbing installation
- 316 Stainless Steel and brass pump heads available
- NPT or BSPT inlet and outlet ports available
- Diaphragms available in Buna, Viton, Neoprene and EPDM
- Variety of drive options available



Wanner Engineering, Inc.

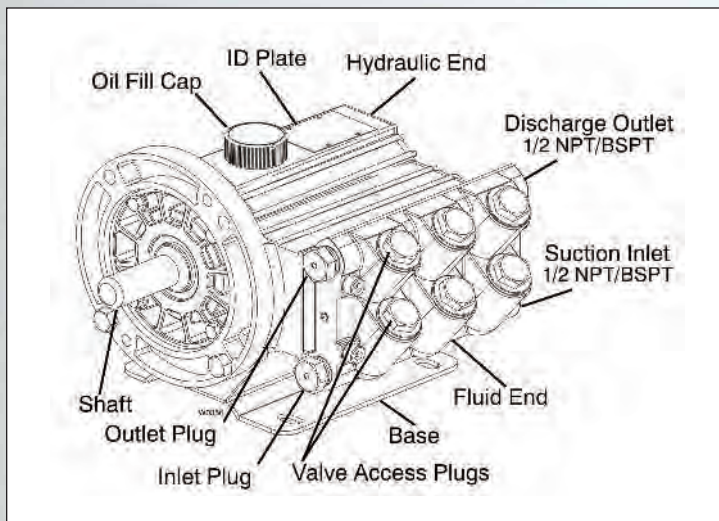
Mono-Block Pumps for Ease of Installation & Service

Mono-Block style pumps allow easy access to the cartridge style valve assemblies

The latest improvement to the design superiority and operational excellence of Hydra-Cell pumps, Mono-Block helps you avoid critical downtime while cutting service and maintenance costs. Now available on the Hydra-Cell D03, M03, G03, and G13 series of pump, the Mono-Block pump head combines the traditional valve plate and manifold into a single component. Valve assemblies are accessible by removing the valve plugs in the Mono-Block without disturbing the plumbing, making disassembly of the pump unnecessary.



Mono-Block Components:



Pump Configurations:

Model	Description
D03	Shaft-driven (1/2-inch NPT ports)
M03	Close-couple to NEMA 56C motor (1/2-inch NPT ports)
G03	Shaft-driven (1/2-inch BSPT ports)
G13	Close-couple to IEC 90B5 motor (1/2-inch BSPT ports)

Specifications:

Maximum Pressure (Metallic Heads):	1000 PSI (70 bar)
Capacity @ 1000 PSI Maximum Pressure:	
Models D/G-03-X (Kel-Cell)*	1750 rpm 3.0 gpm (11.3 lpm)
Models D/G-03-E (Kel-Cell)*	1750 rpm 2.2 gpm (8.3 lpm)
Delivery @ 1000 PSI Maximum Pressure:	
Models D/G-03-X (Kel-Cell)*	584 revs/gallon (155 revs/liter)
Models D/G-03-E (Kel-Cell)*	795 revs/gallon (204 revs/liter)
Maximum Inlet Pressure:	250 PSI (17 bar)
Maximum Temperature (Metallic Heads):	250°F (121°C)

*Mono-Block Kel-Cell available in X and E models only. (Kel-Cell is a registered trademark of Wanner Engineering, Inc.)

Choice of Materials:

Pump Head:	Brass or 316 Stainless Steel
Diaphragm & O-ring:	EPDM, Viton [®] -XT, Neoprene or Buna-N-XS
Valve Seat:	17-4 PH Stainless Steel, 316 Stainless Steel or Hastelloy C
Valves:	17-4 PH Stainless Steel (machined), 17-7 PH Stainless Steel, Nitronic 50 or Hastelloy C
Valve Springs:	Elgiloy [®] (exceeds SST grade 316), 316 Stainless Steel or Hastelloy C
Spring Retainers:	Kynar [®] or Polypropylene



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