

HYPRO ROLLER PUMPS

Hypro roller pumps are designed for agricultural and industrial spraying and transfer of a variety of fluids. These include insecticides, herbicides, emulsives, liquid fertilizers and many other non-abrasive liquids. The economical rotary-action roller principle requires no valves while providing positive displacement characteristics with less friction and lower starting torque than other pumps. Construction features include a cast-iron, Ni-Resist or the new Silver-Cast™ body and rotor, 416 stainless steel shaft, sealed factory-lubricated ball bearings, cartridge-type lip seals of Viton, Buna-N or leather and versatile Super Rollers. (Super Rollers feature the life of polypropylene and the chemical resistance of nylon.) Rotation for all models is counterclockwise for easy tractor PTO drive, except models 4001 and 4101 which are clockwise. Pumps are available in reverse rotation.

Features:

- Housing is available in cast iron, Ni-Resist or silver series.
- Ni-Resist is a high nickel content alloy for better corrosion resistance.
- Silver series has a custom alloy that provides the best corrosion resistance and is "Ready for Roundup®".
- Self priming operation; roller pumps should not be run dry.
- Adaptable to PTOs or gas engines.
- Standard seals are viton, standard super rollers provide excellent chemical resistance.

Note: Other Hypro Roller Pumps available but not shown include 7700, 1500 and 1200. Call for more information.

SERIES 4000 - 4 ROLLER

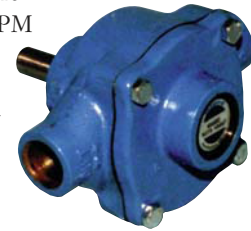
- Max. flow: 4001: 9 GPM at 1800 RPM
4101: 7 GPM at 2600 RPM
- Max. pressure: 150 PSI
- Max. speed: 4001: 1800 RPM
4101: 2600 RPM
- Standard Rotation - CW
Rev. -CCW
- Shaft size: 5/8" solid
- Port size: 3/4" NPT



Roller Kit 3430-0390

SERIES 6500 - 6 ROLLER

- Max. flow: 9.7 GPM at 540 RPM
18.2 GPM at 1000 RPM
- Max. pressure: 300 PSI
- Max. speed: 1200 RPM
- Standard Rotation - CCW
Reverse -CW
- Shaft size: 5/8" solid
- Port size: 3/4" NPT



Roller Kit 3430-0380

SERIES 7560 - 8 ROLLER

- Max. flow: 12 GPM at 540 RPM
22.5 GPM at 1000 RPM
- Max. pressure: 300 PSI
- Max. speed: 1000 RPM
- Standard Rotation - CCW
Reverse -CW
- Shaft size: 15/16" solid
- Port size: 3/4" NPT



Roller Kit 3430-0381

SERIES 1700 - 5 ROLLER

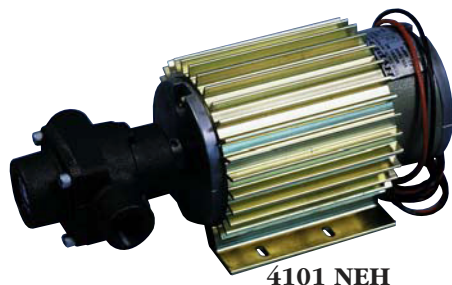
- Max. flow: 25 GPM at 540 RPM
45 GPM at 1000 RPM
- Max. pressure: 200 PSI
- Max. speed: 1000 RPM
- Shaft size: 15/16" solid
- Port size: 1" NPT
- Standard rotation - CCW
Reverse-CW



Roller Kit 3430-0437

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

SERIES 4101-EH AND 4001-EH; 4101-E2H & 4001-E2H 12-VOLT DC, 4-ROLLER



4101 NEH

- Packaged unit includes a Hypro 4-roller pump, 12-volt DC motor, locking collar and torque arm.
- Max. flow: 7.5 GPM for 4101-EH
5.9 GPM for 4101-E2H
10.4 GPM for 4001-EH
9.9 GPM for 4001-E2H
- Max. pressure: 50 PSI continuous duty for 4101-EH
90 PSI continuous duty for 4101-E2H
30 PSI continuous duty for 4001-EH
50 PSI continuous duty for 4001-E2H
- Super Rollers and Viton seals standard
- Pump shaft: 1/2" hollow