

# 2100 SERIES

Small Displacement Roller Bearing Pumps

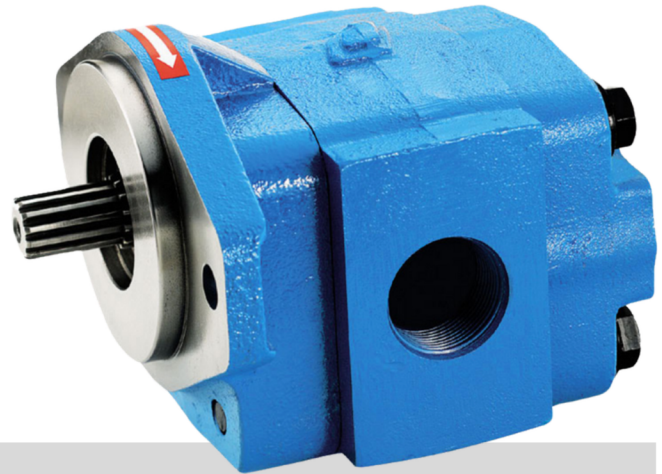


Hydraulic Pumps and Motors

## PERMCO RELIABILITY

Permco's 2100 Series Roller Bearing Gear Pumps are an industry proven design. We factory test 100% of our units. All to ensure they withstand the test of time and rigorous applications. Designed for on and off highway applications needing working pressures up to 3000 PSI.

We custom build to your specific needs more than any other manufacturer. Working on a project requiring a unique build? Call us.



## FEATURES

- Small frame size for Improved clearance.
- Doweled and high strength cast iron construction.
- Porting location options: Side, Rear, or Side & Rear.
- NPT, SAE/ORB, Split Flange and many more porting options.
- Shaft and Mount options that are best in class.
- Bi-Rotational or dedicated CW or CCW.
- Pressure balanced wear plates that maintain high pump efficiency throughout all operating conditions.
- Optional Motor Case Drain when used as a Motor.
- Flows **up to 21 GPM** at 1000 RPM.
- Offered in single, tandem, triple, or quad sections.

## COMMON APPLICATIONS

- Tow and Recovery
- Construction
- Mobile Truck Applications
- Bulk Feed
- Garbage Trucks
- Marine Industry
- Underground Mining
- Chemical Transfer Trucks



DATASHEET\_2100\_Rev1\_02-16-26

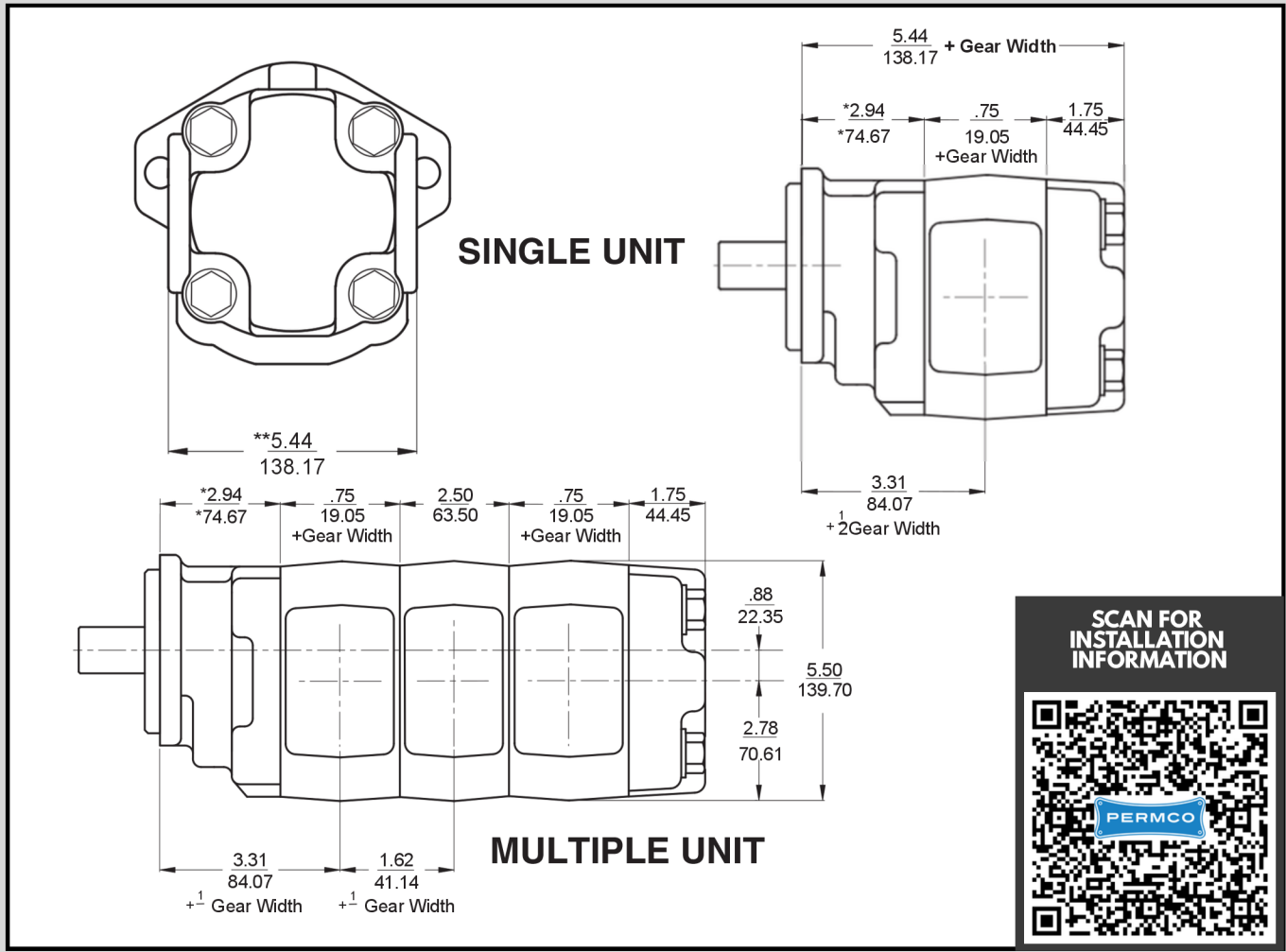
1500 Frost Rd. | P.O. Box 2068  
Streetsboro, Ohio 44241

330-626-2801  
support@permco.com

www.permco.com



## DIMENSIONAL DATA (INCHES)



## PUMP SPECIFICATIONS

Gear Size (In)	Displacement (In <sup>3</sup> )	Theoretical GPM (at 1000 RPM)	Min RPM	MAX RPM*	Max Pressure PSI (bar)
0.50	1.00	4.33	600	3600	3000 (207)
0.75	1.50	6.49	600	3600	3000 (207)
1.00	2.00	8.66	600	3000	3000 (207)
1.25	2.50	10.82	600	3000	3000 (207)
1.50	3.00	12.99	600	2500	3000 (207)
1.75	3.50	15.15	600	2500	2500 (172)
2.00	4.00	17.32	600	2500	2500 (172)
2.50	5.00	21.65	600	2000	2000 (137)

\* Do not exceed inlet vacuum of 5 InHg

DATASHEET\_2100\_Rev1\_02-16-26

1500 Frost Rd. | P.O. Box 2068  
Streetsboro, Ohio 44241

330-626-2801  
support@permco.com

www.permco.com

