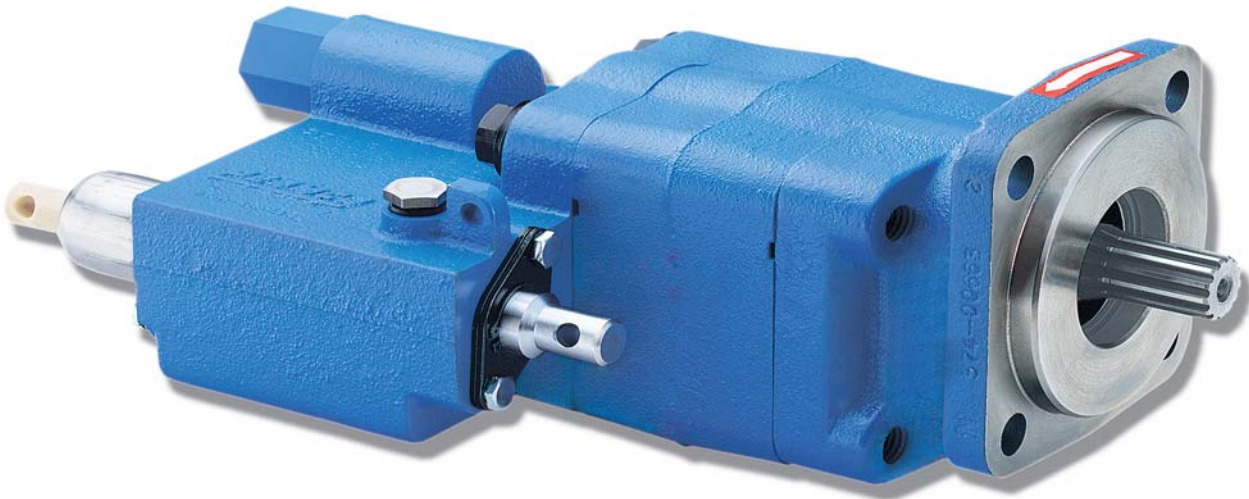


PERMCO

DUMP PUMPS

PUMP/VALVE ASSEMBLY FOR MEDIUM AND LIGHT DUTY DUMP TRUCKS AND TRAILERS



DMD-400 Series

DUMP PUMP FEATURES

- Pump and cylinder protected in the “Raise” and “Neutral” position of the spool
- Manual or air shifts each with full metering capabilities
- Built-in load check maintains dump body angle and is installed in the cylinder port for superior self-cleaning
- Direct mount SAE “B” 4 bolt or twin shafted remote mount with bracket, other options available
- Built-in direct acting relief valve set at factory
- 100% factory tested
- Flows of 21 and 29 GPM at 1800 RPM
- Pressures to 2500 PSI
- Speeds to 2400 RPM
- High strength alloy steel gear and shaft set
- Neutral lock-out safety cap for use with pull-out cable
- 2 line for intermittent duty or 3 line for continuous duty
- Low weight: 36 lbs. for unit with remote mount configuration
- Pressure balanced wear plates maintain high pump efficiency throughout all operating ranges



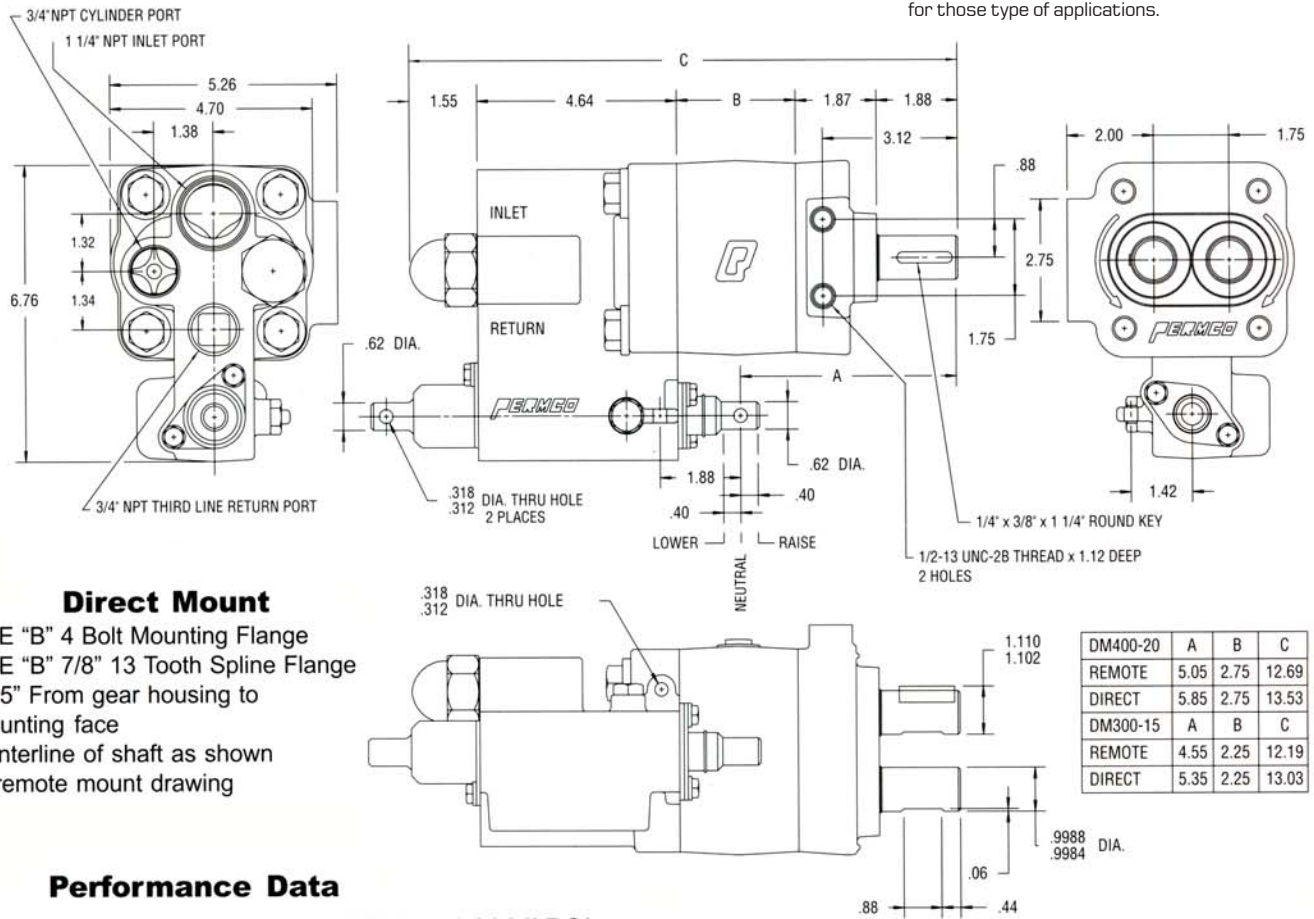
DMR-400 Series



The Sensible Choice

Dimensional Data (inches)

Dump Pumps are not recommended for ejector, conveyor, or moving floor type applications; please refer to Gemini brochure (bult # 02-402G) for those type of applications.



Direct Mount

SAE "B" 4 Bolt Mounting Flange
 SAE "B" 7/8" 13 Tooth Spline Flange
 2.95" From gear housing to mounting face
 Centerline of shaft as shown in remote mount drawing

Performance Data

DM*300 21.5 GPM @ 1800 RPM and 2000 PSI
 DM*400 29.4 GPM @ 1800 RPM and 2000 PSI

DM400-20	A	B	C
REMOTE	5.05	2.75	12.69
DIRECT	5.85	2.75	13.53
DM300-15	A	B	C
REMOTE	4.55	2.25	12.19
DIRECT	5.35	2.25	13.03

Pump Code

DM* - 400 - 20 - ** - 200 - AS

Dump Pump

D Direct Mount

R Remote Mount

Cubic inch Displacement

300 3.0 cu. in. / 1.5" gear

400 4.0 cu.in. / 2.0" gear (Std.)

15 1.5" Gear

20 2.0" Gear (Std.)

Z With 3 line sleeve

X Without sleeve

AS Air Shift

Delete Manual Shift

Relief Valve Setting

200 2000 PSI

Direct Mount / Rotation

L Left hand rotation

R Right hand rotation

Remote Mount / Valve Orientation

L Left side (Std.)

R Right side

Permco US
 1500 Frost Road
 P. O. Box 2068
 Streetsboro, OH 44241

Phone 330-626-2801
 Fax 330-626-2805
 e-mail info@permco.com
 www.permco.com

Permco TianJin Fluidpower
 Fenghua Industrial Park
 9th Avenue
 TEDA, China PC: 300457

Permco (TianJin) Hydraulics Inc., Ltd.
 236 Jinbindadao Free Trade Zone
 TianJin Port, China
 e-mail technic@permcotj.com
 www.permcotj.com