

# R SERIES

## TANDEM PISTON PUMPS



### A fixed displacement tandem piston pump

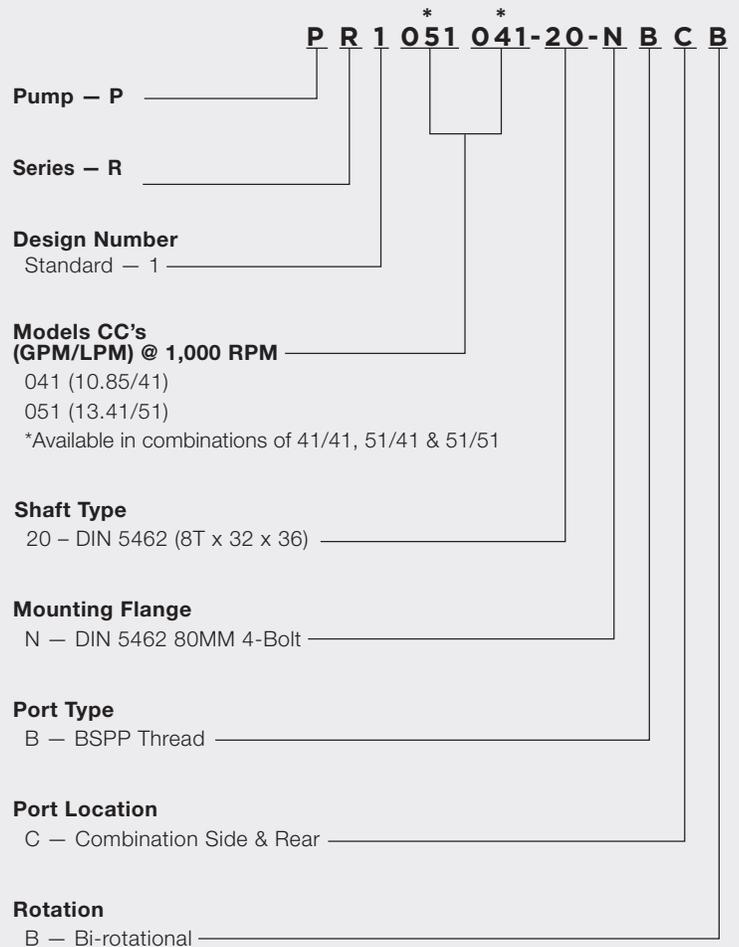
Ultimate power and performance in a small package best describes the fixed displacement Tandem R Series Piston Pumps. The R Series Tandem is designed exclusively for high pressure applications and provides dual flow for multiple circuits. It's high efficiency and rugged design provides for high performance and extra long life.



### KEY FEATURES

- Two standard sizes 10-13 GPM (41-51 LPM)
- Pressures to 4,350 PSI (300 BAR) continuous duty
- Speeds to 1,600 RPM
- Bi-rotational operation
- Double shaft seals
- DIN 5462 4-Bolt shaft and flange
- BSPP straight thread ports
- Proven European design
- Full one-year warranty
- Complimentary mounts are available on most Muncie Power PTO series

### MODEL NUMBER CONSTRUCTION

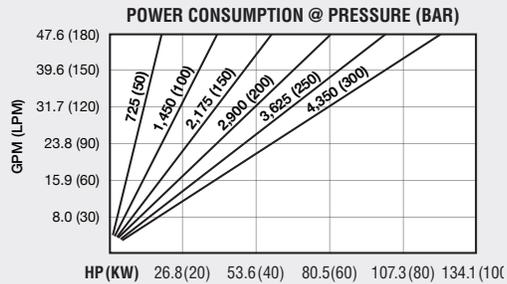
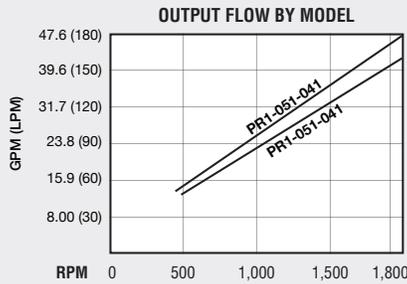


# PISTON PUMP SPECIFICATIONS

MODEL NO.	DISPLACEMENT CU IN (CC)	MAX RPM	MIN RPM	MAX PSI (BAR)	MAX OIL TEMPERATURE	MAX INLET VACUUM	APPROX. WEIGHT LBS.(KG)
PR1-041	2.50 (41)	1,600	600	4,350 (300)	180°F (82°C)	6 in.Hg. (.20 BAR)	39.0 (17.7)
PR1-051	3.11 (51)	1,600	600	4,350 (300)	180°F (82°C)	6 in.Hg. (.20 BAR)	39.0 (17.7)

**Inlet Ports:** 1½" Female BSPP **Outlet Ports** 1" Female BSPP **Note:** 10 Micron return line filtrations recommended.  
**Recommended Oil Viscosity:** Cold climate 22 cSt, Medium climate 37 cSt; Hot climate 46 cSt

## PUMP PERFORMANCE



## OPTIONAL FITTINGS

Optional low pressure and high pressure fittings provided for easy connection to typical North American hoses and thread types.

MODEL NO.	DESCRIPTION	MODEL NO.	DESCRIPTION
R4BP90-32-24	2" hose barb, 90°, to 1½ male BSPP, swivel	BP-MJ-16-16P	1" male BSPP, to -16 male JIC
HC-32-HD	Heavy duty 2" hose clamp	BP-MJ-16-12P	1" male BSPP, to -12 male JIC
BP-MJ-24-24P	1½" male BSPP, to -24 male JIC	BP-MJ45-16-16P	1" male BSPP, 45°, to -16 male JIC
BP-MJ90-24-24P	1½" male BSPP, 90°, to -24 male JIC	BP-MJ90-16-16P	1" male BSPP, 90°, to -16 male JIC

## MOUNTING DIMENSIONS

