

# HEAVY DUTY R-SERIES GEAR PUMPS

The R series Heavy Gear Pumps are a close tolerance, medium flow, high pressure positive displacement pump. A standard in the industry since 1906.

## APPLICATIONS

- Oil Transfer Pump
- Liquid Transfer/Circulation
- Small Booster Jockey Pump
- Spray Nozzles/Misting
- Hydraulic/Hydrostatic

**FLOW:** 0-105 GPM | 0-6.62 L/s | 0-23.8 m<sup>3</sup>/hr

**PRESSURE:** 0-250 PSI | 10.5 Bar | 0-346 Ft.



## FEATURES

- Precision Spur Style Gears
- Self Priming due to close manufacturing tolerances
- Suction lift of up to 25 feet
- Pump housings are of Cast Iron
- Pump shafts are of stainless steel
- Mechanical seals of Buna or Viton
- Carbon graphite shaft bearings
- Bearings never need lubrication
- Easy maintenance and service

## SPECIFICATIONS

PORTS	2-1/2" NPT / 63.5 mm
CAPACITY	105.0 USGPM / 6.62 L/s (Max.)
PRESSURE	250 PSI / 10.5 Bar (Max.)
INLET PRESSURE	50 PSI / 3.5 Bar (Max.)
TEMPERATURE	225° F (100°C) (Buna Seal)

## ROTATION

Standard rotation has the pump discharge on the right (facing the pump end). Standard Motors are uni-directional, so to change the rotation on the pumps simply loosen the bolt that holds the pump-end to the motor, and rotate the pump 180° so the discharge is on the left.

## MAINTENANCE

To ensure a long life to this pump a strainer is always recommended in front of the pump inlet.

## PERFORMANCE

SPEED	US GPM
1760 RPM	105
1150 RPM	68
880 RPM	49

## DIMENSIONS

