

# PUMP SPECIFICATIONS

## Performance

	Power Required	Pressure	Max. Speed	Max. Flow	Max. Temp.	Plunger $\varnothing$	Plunger Stroke	Weight
Model	BHP (kW)	PSI (bar)	RPM	GPM (l/min)	°F (°C)	in (mm)	in (mm)	lbs. (kg)
P206-5125	1.3 (1.0)	2500 (170)	1750	0.73 (2.8)	160 (70)	0.47 (12)	0.22 (5.5)	13.3 (6.0)
P207-5125	1.5 (1.1)	2500 (170)	1750	0.9 (3.4)	160 (70)	0.47 (12)	0.25 (6.3)	13.3 (6.0)

Performance data for intermittent operation, data for continuous operation on request.

For information on intermittent operation and calculating of the performance data, see the Giant Industries assembly instructions.

### NPSHR / Inlet pressure

Required NPSH refers to water at 70°F (20°C) at maximum permissible pump speed.  
Maximum inlet pressure: 29 PSI (2 bar)

### Level of noise emission

Emission sound pressure level:  $\leq 77$  dB(A)

### Fields of application

The fields of application of these pump types correspond to the specifications in the assembly instructions Giant Industries.

### Ambient conditions

Ambient temperature:  $41^{\circ}\text{C} < T_{\text{Amb.}} < 86^{\circ}\text{C}$   
Ambient temperature:  $5^{\circ}\text{C} < T_{\text{Amb.}} < 30^{\circ}\text{C}$

### Oil filling

- Filling quantity: **8.1 fl. oz. (0.24 l)**
- Quality: Industrial gear oil **ISO VG 220** or automotive gear oil **SAE 90 GL4** or Giant's part number **01154**
- Intervals: first oil change after **50 operating hours** then every **500 operating hours**, but at the latest after **12 months**

## Installation/ Putting into Operation

### To Turn Drive Shaft to the Other Side

Remove the valve casing.

Turn the seal adaptors (20) by 180° also so that the leakage holes are underneath.

Remount valve casing rotated 180°.

Interchange plug (5) and oil dipstick (2) with each other.

Turn crankcase cover (3) by 180°.

### Direction of pump rotation

When looking at crankshaft with valve casing mounted on left-hand side, counterclockwise direction of rotation.

When looking at crankshaft with valve casing mounted on right-hand side, clockwise direction of rotation.

### Suction line filter

Recommended mesh size 150  $\mu\text{m}$ .