

INSTALLATION INSTRUCTIONS

Performance

1) Figures given for maximum pressure and maximum speed (rpm) apply to intermittent operation with cold water.

When the pump is used in continuous operation and/or with water warmer than 104°F (40°C), these values must be reduced by 10%.

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 68 °F (20 °C) at maximum permissible pump speed.

The inlet pressure on the suction side must not exceed 29 PSI (2 bar).

Level of noise emission

Emission sound pressure level: ≤ 91 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: $41\text{ °F} < T_{\text{Amb.}} < 86\text{ °F}$

Ambient temperature: $5\text{ °C} < T_{\text{Amb.}} < 30\text{ °C}$

Oil filling

- Filling quantity: **1.7 gal (6.5 l)**
- Quality: Industrial gear oil **ISO VG 220** or automotive gear oil **SAE 90 GL4 (Giant's p/n 01154)**
- Intervals: first oil change after **50 operating hours** then every **1000 operating hours**, but at the latest after **12 months**

Installation/ Putting into Operation

Shaft protector

When the pump is in operation, the open shaft end must be covered up by shaft protector (21), the driven shaft side and coupling by a contact-protector and the plunger room by cover (30).

Direction of pump rotation

Set the direction of rotation of the drive unit according to the direction of rotation arrow on the crankcase.

Suction line filter

Recommended mesh size 50 µm.

Operation

For informations, see assembly instructions Giant Industries.

GP7128 Torque Specifications			
Position	Thread	Lubrication Information	Torque Amount
1		Molycote Cu-Paste	
10	M10		33 ft.-lbs. (45 Nm)
12	1/2" BSP		59 ft.-lbs. (80 Nm)
15		Loctite 403	
17	M12		64 ft.-lbs. (87 Nm)
24	M10		30 ft.-lbs. (40 Nm)
32		Loctite 403	
36A		Loctite 243	33 ft.-lbs. (45 Nm)
36C	M10	Loctite 243	30 ft.-lbs. (40 Nm)
39		Copper Paste / Crankcase Side	
49		Loctite 649 / Crankcase Side	
49A	M16		133 ft.-lbs. (180 Nm)
58C	M16	Anti-Sieze 350	155 ft.-lbs. (210 Nm)