# GEAR PUMPS

## GL Series for low-viscocity oil

GL-50-5

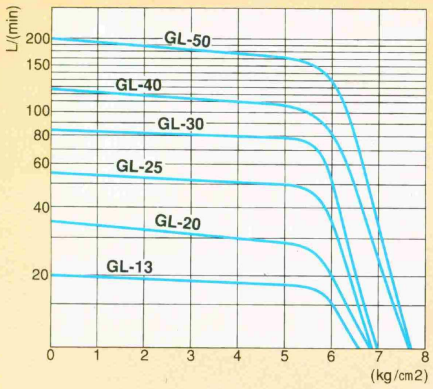
GL-40-10

GL-25-5

### Features

- Since the pump is of high-quality, finished at the same accuracy as hydraulic pump, it can be applied to a wide range of activities from low-viscosity oil such as kerosene, light oil, etc. to medium/high-viscosity oil.
- Since the pump is a bypass valve built-in type, and is equipped with relief function, it can be used safely.

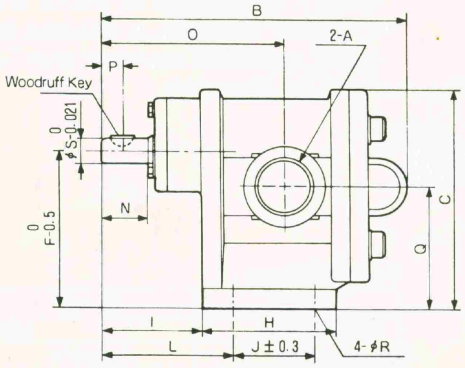
### Performance Curve

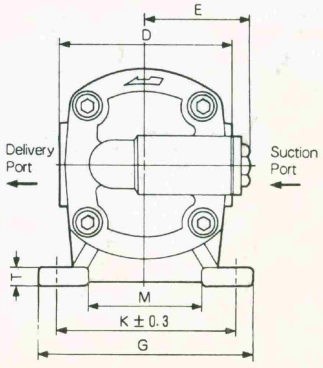



### Specification

| Connection Dia. (m/m) | Pump Model | Pump Gross Weight (kg) | Power (kw) | Poles | Standard Delivery Pressure (kg/cm²) | Delivery Volume 60Hz (1800rpm) | Delivery Volume 50Hz (1500rpm) | Dimension | Packing Unit | Pump Shaft Dia. |
|---|---|---|---|---|---|---|---|---|---|---|
| 13m/m (½″) | GL-13-5 | 8 | 0.4 | 4P | 1~5 | 21ℓ/min 5.5U.S.G/min | 18ℓ/min 4.8U.S.G/min | 234X160X170 | 1 | 18φm/m |
| | GL-13-10 | | 0.75 | | 1~10 | | | | | |
| 20m/m (¾″) | GL-20-5 | 8.5 | 0.75 | | 1~5 | 37ℓ/min 9.8U.S.G/min | 31ℓ/min 8.2U.S.G/min | 234X160X170 | 1 | |
| | GL-20-10 | | 1.5 | | 1~10 | | | | | |
| 25m/m (1″) | GL-25-5 | 9 | 1.5 | | 1~5 | 58ℓ/min 15.3U.S.G/min | 48ℓ/min 12.7U.S.G/min | 234X160X170 | 1 | |
| | GL-25-10 | | 2.2 | | 1~10 | | | | | |
| 32m/m (1¼″) | GL-32-5 | 11 | 2.2 | | 1~5 | 88ℓ/min 23.2U.S.G/min | 73ℓ/min 19.3U.S.G/min | 317X160X170 | 1 | |
| | GL-32-10 | | 3.7 | | 1~10 | | | | | |
| 40m/m (1½″) | GL-40-5 | 21 | 2.2 | 6P | 1~5 | 125ℓ/min 33U.S.G/min | 95ℓ/min 25.1U.S.G/min | 328X268X235 | 1 | 22φm/m |
| | GL-40-10 | | 5.5 | | 1~10 | | | | | |
| 50m/m (2″) | GL-50-5 | 23 | 3.7 | | 1~5 | 200ℓ/min 52.8U.S.G/min | 150ℓ/min 39.6U.S.G/min | 328X268X235 | 1 | |

※GL-32-5 has a flexible joint, and other types use flexible coupling.
※When using high/midium-viscosity oil, use the pump together with the motor of one rank higher grade.
(belting is not applicable).




| TYPE | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GL-13-5 | PS½ | 189 | 131 | 108 | 64.5 | 95 | 138 | 73 | 71 | 40 | 116 | 87 | 68 | 31 | 113 | 15 | 75 | 11 | 18 | 12 | 4X19 |
| GL-20-5 | PS¾ | 196 | 131 | 108 | 64.5 | 95 | 138 | 73 | 71 | 40 | 116 | 87 | 68 | 31 | 116 | 15 | 75 | 11 | 18 | 12 | 4X19 |
| GL-25-5 | PS1 | 208 | 131 | 108 | 64.5 | 95 | 138 | 73 | 71 | 40 | 116 | 87 | 68 | 31 | 122 | 15 | 75 | 11 | 18 | 12 | 4X19 |
| GL-32-5 | PS1¼ | 222 | 131 | 108 | 64.5 | 95 | 138 | 73 | 71 | 40 | 116 | 87 | 68 | 31 | 129 | 15 | 75 | 11 | 18 | 12 | 4X19 |
| GL-40-5 | PS1½ | 265 | 189 | 148 | 89.5 | 136 | 184 | 112 | 86 | 70 | 156 | 111 | 100 | 40 | 157 | 19 | 106 | 11 | 22 | 16 | 5X22 |
| GL-50-5 | PS2 | 290 | 189 | 148 | 89.5 | 136 | 184 | 112 | 86 | 70 | 156 | 111 | 100 | 40 | 170 | 19 | 106 | 11 | 22 | 16 | 5X22 |