

3.Specification Tables

| Model name | | | L48V6V | L48V5V | L48N6 |
|-----------------------------|-----------------------|----------------------|--|-----------------------------------|-----------------------------|
| Type | | | 4-stroke, vertical-cylinder, air-cooled diesel | | |
| Combustion system | | | Direct injection | | |
| No. of cylinder-bore×stroke | | mm | 1- ϕ 70×57 | | |
| Displacement | | liter | 0.219 | | |
| Output | Continuous | kW/min ⁻¹ | 3.1 (4.2PS, 4.2HP) / 3600 | 2.7 (3.7PS, 3.6HP) / 3000 | 3.1 (4.2PS, 4.2HP) / 3600 |
| | Maximum | kW/min ⁻¹ | 3.4 (4.6PS, 4.6HP) / 3600 | 3.0 (4.1PS, 4.0HP) / 3000 | 3.5 (4.8PS, 4.7HP) / 3600 |
| Speed at no load | Minimum | min ⁻¹ | 1200 or more | | |
| | Maximum | min ⁻¹ | 3800 ± 30 | 3175 ± 30 | 3800 ± 30 |
| PTO shaft | PTO position | | Crankshaft | | |
| | Direction of rotation | | Counterclockwise viewed from PTO side | | |
| Injection timing (FIC-air) | | deg. | BTDC.14.5 ± 1.0 | BTDC.13.5 ± 1.0 | * BTDC.16.5 ± 1.0 |
| Fuel | Continuous | | Diesel fuel (L-V : Ultra low sulfur) | | |
| Lubricating | Oil selection | | Grade CJ-4 | SAE 10W30, API grade CD or higher | |
| | Oil capacity | liter | 0.8 (effective, 0.25) | | |
| Governor | | | All speed type, mechanical | | |
| Balancer shaft | | | Single balancer shaft | | |

* This value is for stepped plunger type of fuel injection pump in L48N series

| Model name | | | L70V6 | L70V5 |
|-------------------------------|-----------------------|----------------------|--|-----------------------------|
| Type | | | 4-stroke, vertical-cylinder, air-cooled diesel | |
| Combustion system | | | Direct injection | |
| No. of cylinder-bore × stroke | | mm | 1- ϕ 78×67 | |
| Displacement | | liter | 0.320 | |
| Output | Continuous | kW/min ⁻¹ | 4.3 (5.8PS, 5.8HP) / 3600 | 4.0 (5.4PS, 5.4HP) / 3000 |
| | Maximum | kW/min ⁻¹ | 4.8 (6.5PS, 6.4HP) / 3600 | 4.4 (6.0PS, 5.9HP) / 3000 |
| Speed at no load | Minimum | min ⁻¹ | 1200 or more | |
| | Maximum | min ⁻¹ | 3800 ± 30 | 3175 ± 30 |
| PTO shaft | PTO position | | Crankshaft | |
| | Direction of rotation | | Counterclockwise viewed from PTO side | |
| Injection timing (FIC-air) | | deg. | BTDC.15.5 ± 0.8 | BTDC.13.5 ± 0.8 |
| Fuel | Continuous | | Diesel fuel (L-V : Ultra low sulfur) | |
| Lubricating | Oil selection | | SAE 10W30, API grade CD or higher | |
| | Oil capacity | liter | 1.1 (effective, 0.4) | |
| Governor | | | All speed type, mechanical | |
| Balancer shaft | | | Single balancer shaft | |

| Model name | | | L70N6 | L70W6 |
|-------------------------------|-----------------------|----------------------|--|-----------------|
| Type | | | 4-stroke, vertical-cylinder, air-cooled diesel | |
| Combustion system | | | Direct injection | |
| No. of cylinder-bore × stroke | | mm | 1- ϕ 78×67 | |
| Displacement | | liter | 0.320 | |
| Output | Continuous | kW/min ⁻¹ | 4.4 (6.0PS, 5.9HP) / 3600 | 4.3 / 3600 |
| | Maximum | kW/min ⁻¹ | 4.9 (6.7PS, 6.6HP) / 3600 | 4.8 / 3600 |
| Speed at no load | Minimum | min ⁻¹ | 1200 or more | |
| | Maximum | min ⁻¹ | 3800 ± 30 | 3800 ± 30 |
| PTO shaft | PTO position | | Crankshaft | |
| | Direction of rotation | | Counterclockwise viewed from PTO side | |
| Injection timing (FIC-air) | | deg. | *BTDC.13.0 ± 1.0 | BTDC.14.0 ± 0.5 |
| Fuel | Continuous | | Diesel fuel (L-W : Ultra low sulfur) | |
| Lubricating | Oil selection | | SAE 10W30, API grade CD or higher | Grade: CJ-4 |
| | Oil capacity | liter | 1.1 (effective, 0.4) | |
| Governor | | | All speed type, mechanical | |
| Balancer shaft | | | Single balancer shaft | |

* This value is for stepped plunger type of fuel injection pump in L70N series

| Model name | | | L100V6 | L100V5 |
|-------------------------------|-----------------------|----------------------|--|-----------------------------|
| Type | | | 4-stroke, vertical-cylinder, air-cooled diesel | |
| Combustion system | | | Direct injection | |
| No. of cylinder-bore × stroke | | mm | 1- ϕ 86 × 75 | |
| Displacement | | liter | 0.435 | |
| Output | Continuous | kW/min ⁻¹ | 6.2 (8.4PS, 8.3HP) / 3600 | 5.7 (7.7PS, 7.6HP) / 3000 |
| | Maximum | kW/min ⁻¹ | 6.8 (9.2PS, 9.1HP) / 3600 | 6.3 (8.6PS, 8.4HP) / 3000 |
| Speed at no load | Minimum | min ⁻¹ | 1200 or more | |
| | Maximum | min ⁻¹ | 3800 ± 30 | 3175 ± 30 |
| PTO shaft | PTO position | | Crankshaft | |
| | Direction of rotation | | Counterclockwise viewed from PTO side | |
| Injection timing (FIC-air) | | deg. | BTDC.16.5 ± 1.0 | BTDC.14.5 ± 1.0 |
| Fuel | Continuous | | Diesel fuel (L-V : Ultra low sulfur) | |
| Lubricating | Oil selection | | SAE 10W30, API grade CD or higher | |
| | Oil capacity | liter | 1.6 (effective, 0.6) | |
| Governor | | | All speed type, mechanical | |
| Balancer shaft | | | Single balancer shaft | |

| Model name | | | L100N6 | L100W6 |
|-------------------------------|-----------------------|----------------------|--|-----------------|
| Type | | | 4-stroke, vertical-cylinder, air-cooled diesel | |
| Combustion system | | | Direct injection | |
| No. of cylinder-bore × stroke | | mm | 1- ϕ 86 × 75 | |
| Displacement | | liter | 0.435 | |
| Output | Continuous | kW/min ⁻¹ | 6.6 (9.0PS, 8.9HP) / 3600 | 6.2 / 3600 |
| | Maximum | kW/min ⁻¹ | 7.4 (10.1PS, 9.9HP) / 3600 | 6.8 / 3600 |
| Speed at no load | Minimum | min ⁻¹ | 1200 or more | |
| | Maximum | min ⁻¹ | 3800 ± 30 | 3800 ± 30 |
| PTO shaft | PTO position | | Crankshaft | |
| | Direction of rotation | | Counterclockwise viewed from PTO side | |
| Injection timing (FIC-air) | | deg. | *BTDC.13.0 ± 1.0 | BTDC.16.5 ± 0.5 |
| Fuel | Continuous | | Diesel fuel (L-W : Ultra low sulfur) | |
| Lubricating | Oil selection | | SAE 10W30, API grade CD or higher | Grade: CJ-4 |
| | Oil capacity | liter | 1.6 (effective, 0.6) | |
| Governor | | | All speed type, mechanical | |
| Balancer shaft | | | Single balancer shaft | |

* This value is for stepped plunger type of fuel injection pump in L100N series