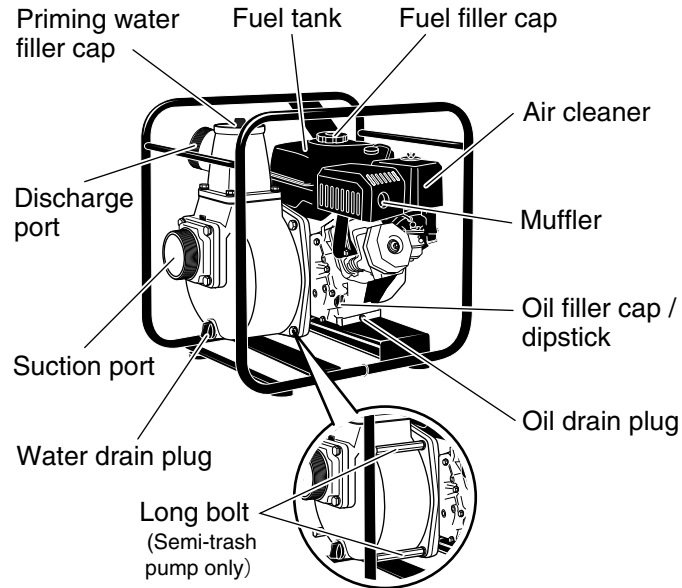
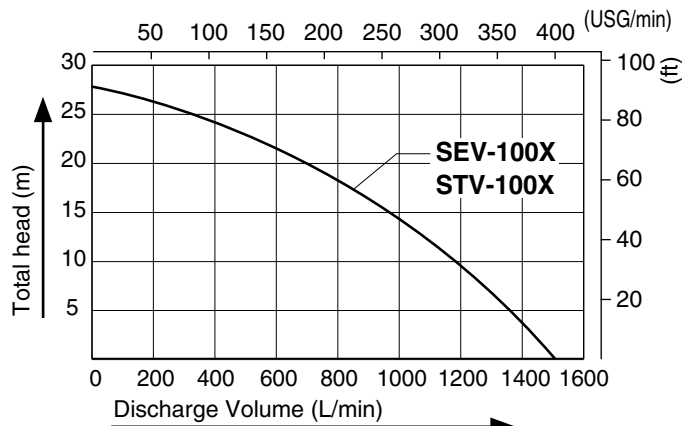


NAME OF PARTS



PERFORMANCE CURVE



Note: Performance ratings are guaranteed minimum, not inflated maximum.

SPECIFICATIONS

| | | | |
|--------------------------|----------------------------|--|---|
| Product name | | Gasoline engine pump | |
| Model name | | SEV-100X | STV-100X |
| Category | | Self-priming, Centrifugal pump (Hidels pump) | Self-priming, Centrifugal pump (Semi-trash pump) |
| Pump | Connection dia | Suction | 100 mm (4") |
| | | Discharge | 100 mm (4") |
| | Connection thread | | Outer pipe thread BSP or NPT *1 |
| | Total head | | 28 m (91 ft) |
| | Discharge volume | | 1,500 L/min (396 USG/min) |
| | Max. suction head | | 8 m (26 ft) |
| Engine | Type | | Forced air-cooled 4-stroke gasoline engine |
| | Model | | KOSHIN K300 |
| | Displacement | | 301 cm ³ |
| | Rated output | | 5.0 kW(6.8 PS) / 3,600 rpm |
| | Max. output | | 6.0 kW(8.2 PS) / 3,600 rpm |
| | Fuel | | Automotive unleaded gasoline |
| | Fuel tank capacity | | Tank size: 6.5 L (1.71 USG), Usage level: 5.9 L (1.55 USG) |
| | Engine oil | | 4-stroke engine oil: API grade SE or above, SAE 15W-40 |
| | Engine oil capacity | | 1.1 L (0.29 USG) |
| | Continuous operating time | | Approx. 1.8 hrs |
| Starting method | | Recoil starter | |
| Applicable liquids | Consistency | | Clear water Sandy and muddy water (suspended solids) *2 |
| | Suspended solid percentage | | - 10 % *3 |
| | Max. solids size | | - 9 mm (0.35 ") |
| | Temperature | | 5 - 45 °C (41 - 113 °F) |
| Standard accessories *4 | | 1 Strainer, 2 Coupling sets, 3 Hose bands, 1 Engine Tool | 1 Strainer, 2 Coupling sets, 3 Hose bands, 1 Engine Tool, 1 Spanner |
| Net weight | | 54.9 kg (121.0 lbs) | 56.5 kg (124.6 lbs) |
| Gross weight | | 64.3 kg (141.8 lbs) | 66.1 kg (145.7 lbs) |
| Product dimensions LxWxH | | 683 × 495 × 645 mm (27" × 20" × 26") | |
| Packing dimensions LxWxH | | 718 × 525 × 675 mm (29" × 21" × 27") | |

For the purpose of improvement, specifications are subject to change without notice.

*1: NPT thread is only for USA model.

*2: Sandy and muddy water (suspended solids) are defined as debris "floating" within the water.

*3: If the suspended solid percentage is higher, premature wear and failure will occur.

To properly pump water with any debris, any solids must be in a suspension.

*4: Accessories may differ depending on model.

North America

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