



## HIGH PRESSURE

### Suitable for Sprinkler System & Fire Fighting

- Compact & lightweight high pressure pump.
- 3 ways discharge flange [2"×1, 1"×2].



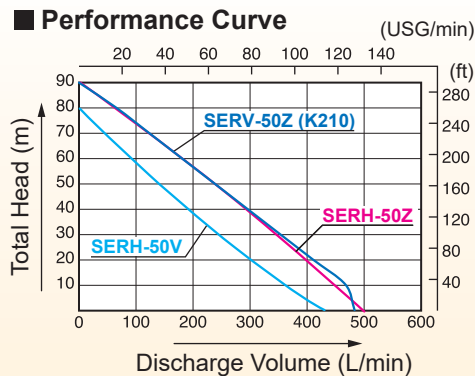
SERH-50V SERH-50Z



SERV-50Z



SERH-50Z



#### Specification

Model		SERH-50V	SERV-50Z	SERV-50Z
PUMP	Connection Dia	50 mm (2")		
	Suction Discharge	50 mm (2") / 25 mm (1") × 2		
	Connection Thread	Outer Pipe Thread BSP or NPT*1		
	Total Head	80 m (262 ft)	90 m (295 ft)	
ENGINE	Discharge Volume	430 L/min (114 USG/min)	500 L/min (132 USG/min)	480 L/min
	Max. Suction Lift	8 m (26 ft)		
	Type	Forced Air-cooled 4-stroke Gasoline Engine		
	Model	Honda GX160 High rpm	Honda GX200 High rpm	Koshine K210 High rpm
	Displacement	163cc	196cc	212cc
	Rated Output	2.9 kW (3.9 PS) / 3600 rpm	3.7 kW (5.0 PS) / 3600 rpm	4.4 kW (6.0 PS)(5.9 HP) / 4400 rpm
	Max. Output	3.6 kW (4.8 PS) / 3600 rpm	4.5 kW (6.1 PS) / 4000 rpm	4.9 kW (6.7 PS)(6.6 HP) / 4000 rpm
	Fuel	Automotive Unleaded Gasoline		
	Fuel Tank Capacity	3.1L (0.82 USG)		3.3L (0.87 USG)
	Continuous Operating Time	Approx. 2 hrs		Approx. 1.2 hrs
Starting Method		Recoil Starter		
Standard Accessories		1 Strainer,*2 3 Hose Bands (ø60)*2 2 Hose Bands (ø32),*2 1 Coupling Set (50 mm), 1 Closing Plate (50 mm), 2 Nipples (25 mm) 1 Quick Coupling (25 mm),*2 1 Engine Tool		
Net Weight		34 kg (75 lbs)	34.6 kg (76 lbs)	33.9 kg (74.7 lbs)
Gross Weight		37 kg (82 lbs)	37.6 kg (83 lbs)	37.5 kg (82.7 lbs)(BSP model) 36.2 kg (79.8 lbs)(NPT model)
Dimensions L×W×H (mm)		555 × 450 × 468		570 × 450 × 468
Packing Unit		1		

\*1 Discharge thread for North America Model:NPT for 2" and BSP for 1" \*2 BSP model only

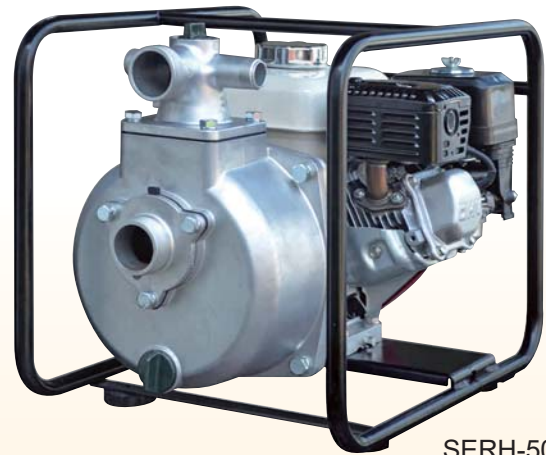
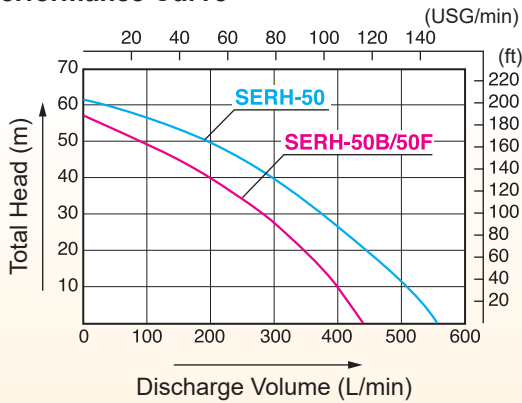
## Suitable for Sprinkler (System) & General Irrigation



SERH-50B



### Performance Curve



SERH-50F

### Specification

Model		SERH-50B	SERH-50	SERH-50F
PUMP	Connection Dia	50 mm (2")	65 mm (2½")	50 mm (2")
	Discharge	50 mm (2")		50 mm (2") / 25mm (1") × 2
	Connection Thread	Outer Pipe Thread BSP or NPT		
	Total Head	57 m (187 ft)	62 m (203 ft)	57m (187 ft)
Discharge Volume	440 L/min(116 USG/min)	560 L/min (148 USG/min)	440 L/min (116USG/min)	
Max. Suction Lift	8 m (26 ft)			
Type	Forced Air-cooled 4-stroke Gasoline Engine			
Model	Honda GX160	Honda GX240	Honda GX160	
Displacement	163 cc	270 cc	163cc	
Rated Output	2.9 kW (3.9 PS) / 3600 rpm	4.6 kW (6.3 PS) / 3600 rpm	2.9 kW (3.9 PS) / 3600 rpm	
Max. Output	3.6 kW (4.9 PS) / 3600 rpm	5.9 kW (8.0 PS) / 3600 rpm	3.6 kW (4.9 PS) / 3600 rpm	
Fuel	Automotive Unleaded Gasoline			
Fuel Tank Capacity	3.1 L (0.82 USG)	5.3 L (1.40 USG)	3.1 L (0.82 USG)	
Continuous Operating Time	Approx. 2 hrs	Approx. 2.5 hrs	Approx. 2 hrs	
Starting Method	Recoil Starter			
Standard Accessories	2 Coupling Set 3 Hose Bands (ø60) 1 Strainer 1 Engine Tool Set	1 Coupling Set (50 mm) 1 Coupling Set (65 mm) 2 Hose Bands (ø80) 1 Hose Band (ø60) 1 Strainer (65 mm) 1 Engine Tool Set	1 Coupling Set (50mm) 1 Check Plate (50mm) 2 Check Coupling Set (25mm) 2 Hose Nipple (ø25) 1 Engine Tool Set	
Net Weight	31 kg (68.3 lbs)	44 kg (97 lbs)	31 kg (68 lbs)	
Gross Weight	34 kg (74.9 lbs)	46 kg (101 lbs)	34 kg (74.9 lbs)	
Dimensions L×W×H (mm)	535 × 405 × 440	568 × 482 × 518	535 × 405 × 455	
Packing Unit	1			