



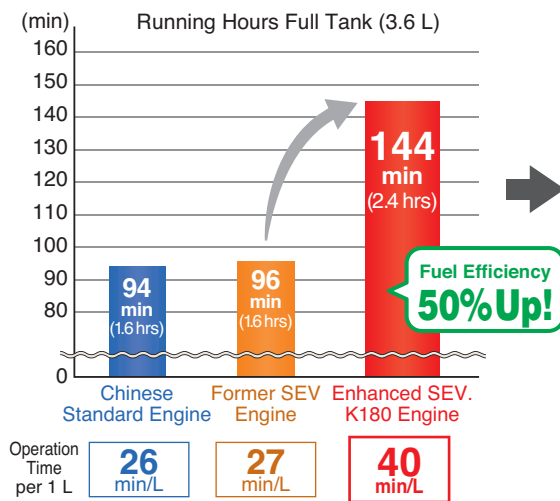
# PORTABLE & POWERFUL

## New! KOSHIN Engine Competitive Price & Guaranteed Quality

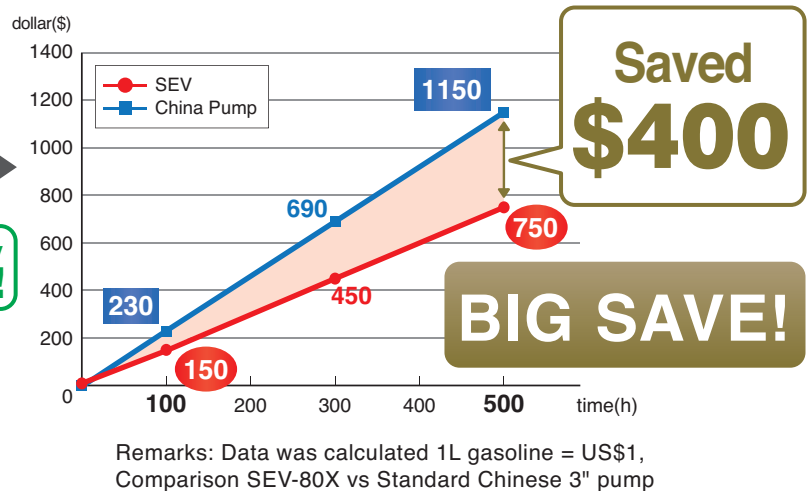
(1) Low fuel consumption. The Koshin engine achieves the lowest fuel consumption.

### Low Fuel Consumption (SEV-80X case)

Comparison of Fuel Consumption



Comparison of Running Cost (Pump + Fuel)



### (2) Low Vibration

Comfortable in use after reducing engine vibration.

### (3) Guaranteed performance

Koshin guarantees 8 m suction lift and specifications.

# Clear Water Pump

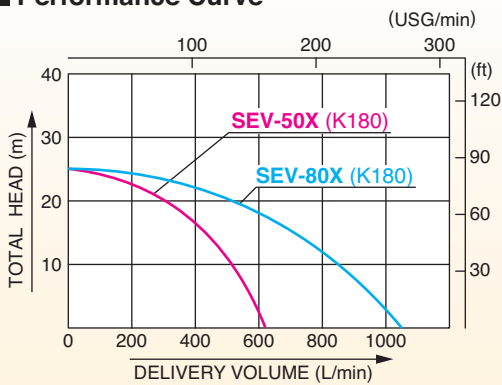


SEV-50X



SEV-80X

## Performance Curve



## Specifications

Model		SEV-50X	SEV-80X
PUMP	Connection Dia	50 mm (2")	80 mm (3")
	Connection Thread	Outer Pipe Thread BSP	
	Total Head	27 m (90 ft)	
	Delivery Volume	620 L/min (163 USG/min)	1050 L/min (277 USG/min)
ENGINE	Max. Suction Lift	8 m (26 ft)	
	Type	Forced Air-cooled 4-stroke Gasoline Engine	
	Model	Koshin K180	
	Exhaust Volume	179 cc	
	Rated Output	3.1 kW (4.2 PS) / 3600 rpm	
	Fuel	Automotive Unleaded Gasoline	
	Fuel Tank Capacity	3.6 L (0.95 USG)	
	Continuous Operating Time	Approx. 2.6 hrs	Approx. 2.4 hrs
	Starting Method	Recoil Starter	
Standard Accessories	1 Strainer, 3 Hose Bands, 2 Quick Couplings, 1 Engine Tool Set		
Gross Weight	27.2 kg (59.9 lbs)	30.7 kg (67.6 lbs)	
Dimensions LxWxH (mm)	504 x 405 x 411	543 x 425 x 460	
Packing Unit	1		

# Semi-Trash Pump

• **SIC**

Silicon Carbide Mechanical Seal 4-5 times more durable than Standard Carbon Ceramic mechanical seal.



• **FCD**

Spheroidal Graphite Iron Casting for Impeller & Volute Casing 6.5 times more erosion resistance than Standard FC or Cast Iron.



**Solid Sizes**

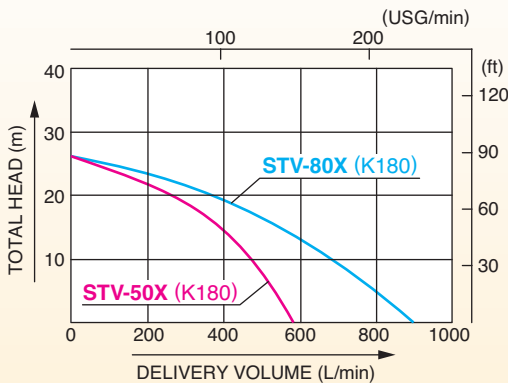
Max. 8mm



■ **Outstanding Features**

- Suitable for Sandy and Muddy Water usage
- Particles up to 8 mm can be pumped through
- Guaranteed suction lift of 8 meters
- Long bolt assembly for easy maintenance

■ **Performance Curve**



STV-80X

■ **Specifications**

Model		STV-50X	STV-80X
PUMP	Connection Dia	50 mm (2")	80 mm (3")
	Connection Thread	Outer Pipe Thread BSP	
	Total Head	26 m (85 ft)	
	Delivery Volume	580 L/min (153 USG/min)	900 L/min (238 USG/min)
	Max. Suction Lift	8 m (26 ft)	
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine	
	Model	Koshin K180	
	Exhaust Volume	179 cc	
	Rated Output	3.1 kW (4.2 PS) / 3600 rpm	
	Fuel	Automotive Unleaded Gasoline	
	Fuel Tank Capacity	3.6 L (0.95 USG)	
	Continuous Operating Time	Approx. 2.6 hrs	Approx. 2.4 hrs
Starting Method		Recoil Starter	
Standard Accessories		1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set, 1 Spanner	
Gross Weight		31 kg (68.3 lbs)	32.9 kg (72.5 lbs)
Dimensions LxWxH (mm)		554 x 400 x 471	593 x 425 x 528
Packing Unit		1	

# Clear Water Pump



**New**



**4  
STROKE**

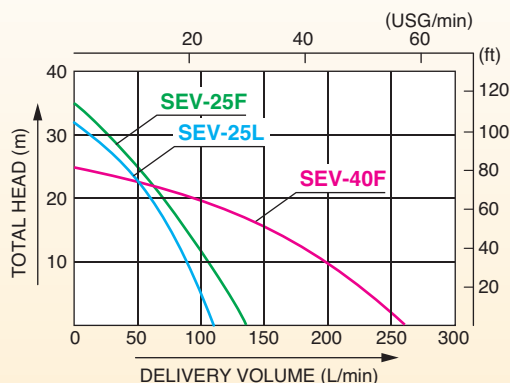
SEV-25F

## ULTRALIGHT 4-STROKE ENGINE

- EASIER STARTING!
- LESS NOISE!

- Compact Environmentally Friendly 4-stroke engine
- Cleaner exhaust emissions
- Half the CO and NOx emissions of a 2-stroke engine

### Performance Curve



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



**2  
STROKE**

SEV-25L



**4  
STROKE**

SEV-40F

### Specifications

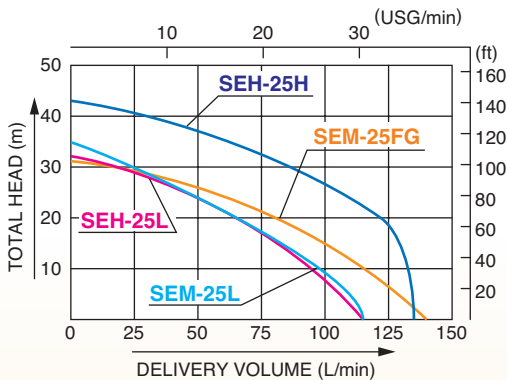
Model	SEV-25L	SEV-25F	SEV-40F		
PUMP	Connection Dia	25 mm (1")	25 mm (1")	40 mm (1½")	
	Connection Thread		Outer Pipe Thread BSP		
	Total Head	32 m (105 ft)	35 m (115 ft)	26 m (85 ft)	
	Delivery Volume	110 L/min (29 USG/min)	135 L/min (36 USG/min)	260 L/min (68 USG/min)	
ENGINE	Max. Suction Lift		8 m (26 ft)		
	Type	Forced Air-cooled 2-stroke Gasoline Engine		Forced Air-cooled 4-stroke Gasoline Engine	
	Model	Koshin KC26		Koshin K35	Koshin K100
	Exhaust Volume	26 cc		35 cc	98 cc
	Rated Output	0.70 kW (0.93 PS) / 7500 rpm		0.81 kW (1.1 PS) / 6500 rpm	1.6 kW (2.1 PS) / 3600 rpm
	Fuel	2-stroke Mixed Gas and Oil (50:1)		Automotive Unleaded Gasoline	
	Fuel Tank Capacity	0.6 L (0.16 USG)		0.73 L (0.19 USG)	2.0 L (0.53 USG)
	Continuous Operating Time	Approx. 50 min		Approx. 1 hrs	Approx. 2 hrs
	Starting Method			Recoil Starter	
Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set				
Gross Weight	5.5 kg (12.1 lbs)	8.5 kg (18.74 lbs)	18 kg (39.7 lbs)		
Dimensions LxWxH (mm)	358 x 263 x 323	403 x 266 x 348	428 x 308 x 374		
Packing Unit				1	

## Up to 50% Fuel Saving & Noise Reduction\* Double Life Span

\* Fuel consumption and engine noise are half of 2-stroke engine.



### Performance Curve



SEM-25L

SEH-25H

SEH-25L

### Available 25 mm Hose Set

#### N-Type Hose Set

- Washing of agriculture & construction machinery



- 1 Discharge hose <8 m (26 ft)>
- 1 Nozzle (Jet)

#### R-Type Hose Set

- Washing of agriculture machinery
- Water sprinkling to the field



- 1 Discharge hose <8 m (26 ft)>
- 1 Nozzle (Jet & Mist)

### New Spray Nozzle



#### SJ-20

- Large volume of spraying water
- 1 Coupling set <20 mm (3/4")>
- 1 Hose nipple <20 mm (3/4") x 15 mm (1/2")>



### Specifications

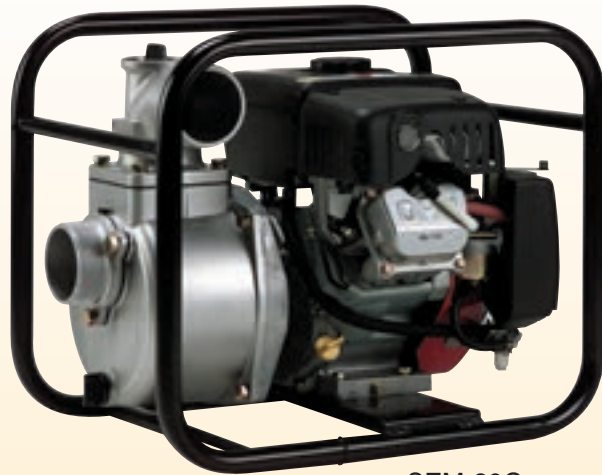
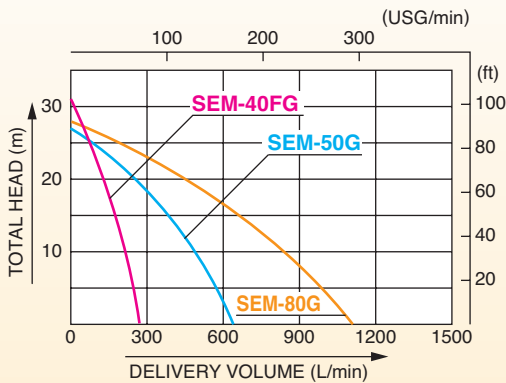
Model		SEH-25L	SEH-25H	SEM-25L	SEM-25FG
PUMP	Connection Dia	25 mm (1")			
	Connection Thread	Outer Pipe Thread BSP			
	Total Head	32 m (105 ft)	43 m (141 ft)	35 m (115 ft)	31 m (102 ft)
	Delivery Volume	115 L/min (30 USG/min)	135 L/min (36 USG/min)	115 L/min (30 USG/min)	140 L/min (37 USG/min)
Max. Suction Lift		8 m (26 ft)			
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine		Forced Air-cooled 2-stroke Gasoline Engine	Forced Air-cooled 4-stroke Gasoline Engine
	Model	Honda GX25	Honda GXH50	Mitsubishi TU26	Mitsubishi GT241
	Exhaust Volume	25 cc	49 cc	25.6 cc	79.6 cc
	Rated Output	—		—	1.3 kW (1.8 PS) / 3600 rpm
	Max. Output	0.81 kW (1.1 PS) / 7000 rpm	1.8 kW (2.5 PS) / 7000 rpm	1.03 kW (1.4 PS) / 7500 rpm	1.8 kW (2.4 PS)
	Fuel	Automotive Unleaded Gasoline		2 Stroke Mixed Gas and Oil (25:1)	Automotive Unleaded Gasoline
	Fuel Tank Capacity	0.55 L (0.14 USG)	0.9 L (0.24 USG)	0.6 L (0.16 USG)	1.6 L (0.42 USG)
	Continuous Operating Time	Approx. 1 hrs		Approx. 50 min	Approx. 2 hrs
	Starting Method	Recoil Starter			
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set			
Gross Weight	7 kg (15.4 lbs)	13.5 kg (29.7 lbs)	6.5 kg (14.3 lbs)	18 kg (39.7 lbs)	
Dimensions LxWxH (mm)	375 x 243 x 320	385 x 311 x 453	330 x 245 x 325	485 x 325 x 385	
Packing Unit	1				

- Highly effective Mechanical Seal made with Special Carbon Ceramics provides extra durability.
- Entire unit is protected by sturdy rollover pipe frame.
- Strong and lightweight die-cast aluminum pump.



SEM-40FG

## Performance Curve



SEM-80G

## Specifications

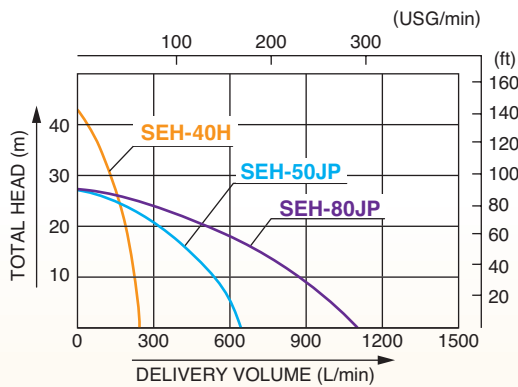
Model		SEM-40FG	SEM-50G	SEM-80G
PUMP	Connection Dia	40 mm (1½")	50 mm (2")	80 mm (3")
	Connection Thread	Outer Pipe Thread BSP		
	Total Head	31 m (102 ft)	27 m (88 ft)	28 m (92 ft)
	Delivery Volume	270 L/min (71 USG/min)	640 L/min (169 USG/min)	1100 L/min (290 USG/min)
	Max. Suction Lift	8 m (26 ft)		
Type: Forced Air-cooled 4-stroke Gasoline Engine				
ENGINE	Model	Mitsubishi GT241	Mitsubishi GT400	Mitsubishi GT600
	Exhaust Volume	79.6 cc	126 cc	181 cc
	Rated Output	1.3 kW (1.8 PS) / 3600 rpm	2.1 kW (2.8 PS) / 3600 rpm	3.3 kW (4.5 PS) / 3600 rpm
	Max. Output	1.8 kW (2.4 PS)	2.9 kW (4.0 PS)	4.4 kW (6.0 PS)
	Fuel	Automotive Unleaded Gasoline		
	Fuel Tank Capacity	1.6 L (0.42 USG)	2.5 L (0.66 USG)	3.8 L (1.00 USG)
	Continuous Operating Time	Approx. 2 hrs    Approx. 3 hrs		
	Starting Method	Recoil Starter		
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tools Set		
Gross Weight	21 kg (46.3 lbs)	26 kg (57.3 lbs)	33 kg (72.7 lbs)	
Dimensions LxWxH (mm)	450 x 330 x 397	500 x 395 x 415	525 x 420 x 488	
Packing Unit	1			

# Complete Range of Water Pumps Powered by Honda Engine

- Highly effective Mechanical Seal made with special Carbon Ceramics provides extra durability.
- Entire unit is protected by sturdy Rollover Pipe Frame.
- Strong and lightweight die-cast Aluminum Pump.



## Performance Curve



**New**

## Specifications

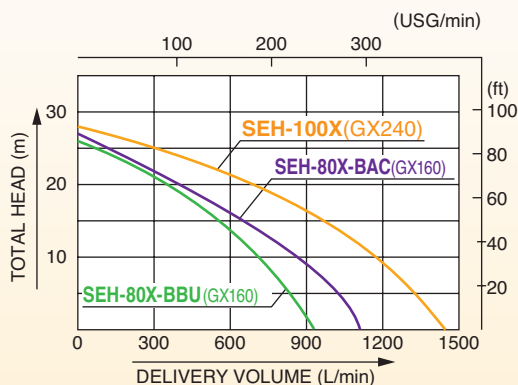
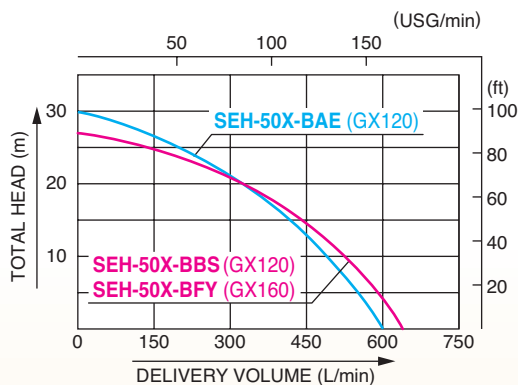
Model		SEH-40H	SEH-50JP	SEH-80JP
PUMP	Connection Dia	40 mm (1½")	50 mm (2")	
	Connection Thread	Outer Pipe Thread BSP		
	Total Head	43 m (141 ft)	27 m (88 ft)	
	Delivery Volume	280 L/min (73 USG/min)	640 L/min (169 USG/min)	1100 L/min (290 USG/min)
	Max. Suction Lift	8 m (26 ft)		
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine		
	Model	Honda GXH50	Honda GP160	
	Exhaust Volume	49.4cc	163 cc	
	Rated Output	1.6 kW (2.2 PS) / 1700 rpm	2.9 kW (3.9 PS) / 3600 rpm	
	Max. Output	—	3.6 kW (4.9 PS) / 3600 rpm	
	Fuel	Automotive Unleaded Gasoline		
	Fuel Tank Capacity	0.7 L(0.2 USG)	3.1 L (0.8 USG)	
	Continuous Operating Time	Approx. 2 hrs		
	Starting Method	Recoil Starter		
	Standard Accessories	1 Strainer, 2 Quick Couplings, 3 Hose Bands, 1 Engine Tool Set		
Gross Weight	13.5 kg (29.7 lbs)	26 kg (57.3 lbs)	30 kg (66.0 lbs)	
Dimensions LxWxH (mm)	405 × 302 × 447	504 × 401 × 406	525 × 389 × 458	
Packing Unit	1			

# Complete Range of Water Pumps Powered by Honda Engine

- Highly effective Mechanical Seal made with special Carbon Ceramics provides extra durability.
- Entire unit is protected by sturdy Rollover Pipe Frame.
- Strong and lightweight die-cast Aluminum Pump.



## Performance Curve



SEH-50X



SEH-80X

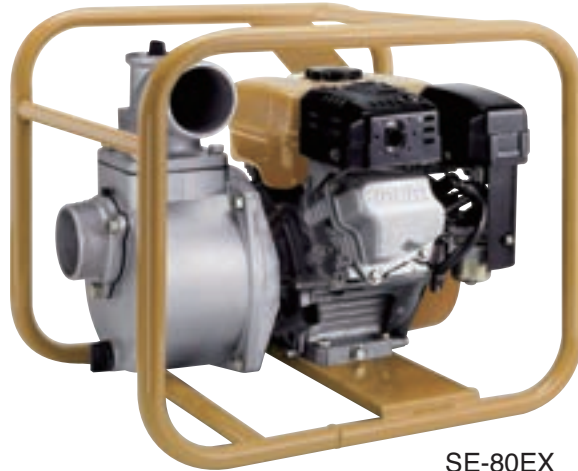
## Specifications

Model	SEH-50X-BAE	SEH-50X-BBS	SEH-50X-BFY	SEH-80X-BBU	SEH-80X-BAC	SEH-100X	
PUMP	Connection Dia			50 mm (2")		80 mm (3")	100 mm (4")
	Connection Thread						Outer Pipe Thread BSP
	Total Head	30 m (98 ft)	27 m (88 ft)		26 m (85 ft)	27 m (88 ft)	28 m (92 ft)
	Delivery Volume	600 L/min (158 USG/min)	640 L/min (169 USG/min)		930 L/min (246 USG/min)	1100 L/min (290 USG/min)	1450 L/min (383 USG/min)
	Max. Suction Lift	8 m (26 ft)					
	Impeller	FC200					
	Volute Casing	ADC12	FC200		ADC12	FC200	
ENGINE	Type						Forced Air-cooled 4-stroke Gasoline Engine
	Model	Honda GX120		Honda GX160		Honda GX240	
	Exhaust Volume	118 cc		163 cc		270 cc	
	Rated Output	2.1 kW (2.9 PS) / 3600 rpm		2.9 kW (3.9 PS) / 3600 rpm		4.6 kW (6.2 PS) / 3600 rpm	
	Max. Output	2.6 kW (3.5 PS) / 3600 rpm		3.6 kW (4.9 PS) / 3600 rpm		5.9 kW (9.8 PS) / 3600 rpm	
	Fuel	Automotive Unleaded Gasoline					
	Fuel Tank Capacity	2.0 L (0.53 USG)		3.1 L (0.82 USG)		5.3 L (1.4 USG)	
	Continuous Operating Time	Approx. 2 hrs					Approx. 2.5 hrs
	Starting Method	Recoil Starter					
	Standard Accessories	1 Strainer, 2 Quick Couplings, 3 Hose Bands, 1 Engine Tool Set					
Gross Weight	22 kg (48.5 lbs)	23 kg (50.7 lbs)	27 kg (50.0 lbs)	30 kg (66.0 lbs)		59 kg (130 lbs)	
Dimensions LxWxH (mm)	483 x 375 x 376		504 x 401 x 406		525 x 389 x 458		670 x 477 x 669
Packing Unit	1						



## Strong & Durable Subaru Engine

- Highly effective Mechanical Seal made with special Carbon Ceramics provides extra durability.
- Entire unit is protected by sturdy Rollover Pipe Frame.
- Strong and lightweight die-cast Aluminum Pump.

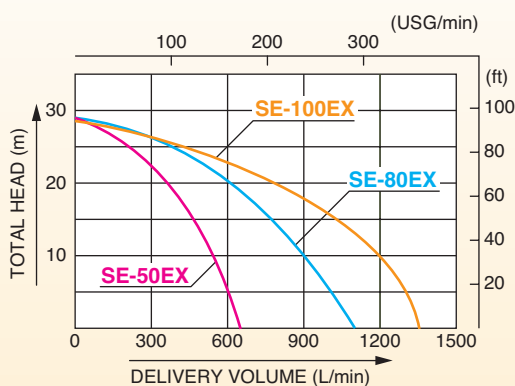
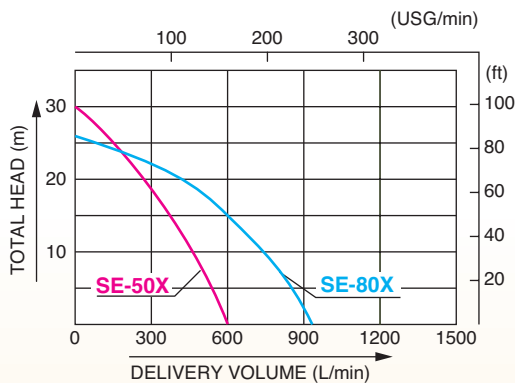


SE-80EX



SE-100EX

### Performance Curve



### Specifications

Model	SE-50X	SE-80X	SE-50EX	SE-80EX	SE-100EX	
PUMP	Connection Dia	50 mm (2")	80 mm (3")	50 mm (2")	80 mm (3")	100 mm (4")
	Connection Thread	Outer Pipe Thread BSP				
	Total Head	30 m (98 ft)	26 m (85 ft)	28 m (92 ft)	28 m (92 ft)	27 m (89 ft)
	Delivery Volume	600 L/min (158 USG/min)	930 L/min (246 USG/min)	650 L/min (172 USG/min)	1100 L/min (290 USG/min)	1350 L/min (356 USG/min)
	Max. Suction Lift	8 m (26 ft)				
ENGINE	Type					Forced Air-cooled 4-stroke Gasoline Engine
	Model	Subaru EY15-3D	Subaru EY20-3D	Subaru EX16	Subaru EX17	Subaru EX27
	Exhaust Volume	143 cc	183 cc	169 cc	169 cc	265 cc
	Rated Output	2.0 kW (2.7 PS) / 3600 rpm	2.6 kW (3.5 PS) / 3600 rpm	2.2 kW (3.0 PS) / 3600 rpm	2.9 kW (4.0 PS) / 3600 rpm	5.1 kW (7.0 PS) / 3600 rpm
	Max. Output	2.6 kW (3.5 PS) / 4000 rpm	3.7 kW (5.0 PS) / 4000 rpm	3.2 kW (4.3 PS) / 4000 rpm	4.2 kW (5.7 PS) / 4000 rpm	6.6 kW (9.0 PS) / 4000 rpm
	Fuel	Automotive Unleaded Gasoline				
	Fuel Tank Capacity	2.8 L (0.74 USG)	3.8 L (1.00 USG)	3.2 L (0.84 USG)	3.2 L (0.84 USG)	5.6 L (1.48 USG)
	Continuous Operating Time	Approx. 2.8 hrs	Approx. 3 hrs	Approx. 2.5 hrs		Approx. 2.1 hrs
	Starting Method	Recoil Starter				
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set				
Gross Weight	23 kg (50.7 lbs)	33 kg (72.7 lbs)	27 kg (59.5 lbs)	33 kg (72.7 lbs)	57 kg (125 lbs)	
Dimensions LxWxH (mm)	484 x 330 x 420	525 x 370 x 472	504 x 401 x 411	530 x 405 x 465	670 x 477 x 669	
Packing Unit	1					

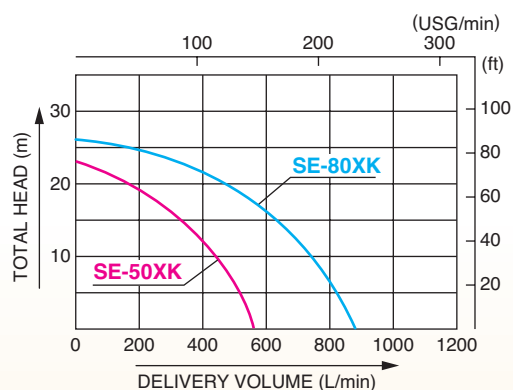
# Kerosene Engine Pumps



SE-80XK



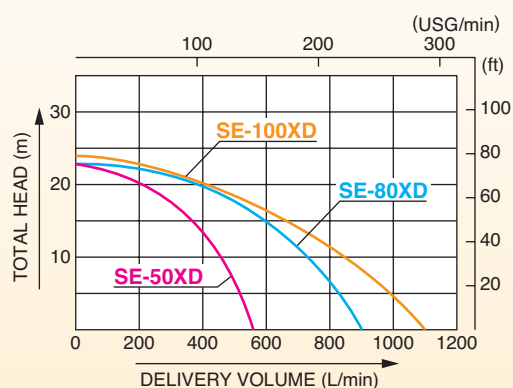
## Performance Curve



# Diesel Engine Pumps



SE-100XD



## Specifications

Model	SE-50XK	SE-80XK	SE-50XD	SE-80XD	SE-100XD	
PUMP	Connection Dia	50 mm (2")	80 mm (3")	50 mm (2")	80 mm (3")	100 mm (4")
	Connection Thread	Outer Pipe Thread BSP				
	Total Head	23 m (75 ft)	26 m (85 ft)	23 m (75 ft)		24 m (79 ft)
	Delivery Volume	560 L/min (148 USG/min)	880 L/min (232 USG/min)	560 L/min (148 USG/min)	900 L/min (238 USG/min)	1100 L/min (290 USG/min)
	Max. Suction Lift	8 m (26 ft)				
ENGINE	Type	Forced Air-cooled 4-stroke Kerosene Engine		Forced Air-cooled 4-stroke Diesel Engine		
	Model	Subaru EY15-3DK	Subaru EY20-3DK	Robin DY23-2D		Robin DY27-2D
	Exhaust Volume	143 cc	183 cc	230 cc		265 cc
	Rated Output	1.6 kW (2.2 PS) / 3600 rpm	2.3 kW (3.1 PS) / 3600 rpm	3.1 kW (4.2 PS) / 3600 rpm		3.7 kW (5.0 PS) / 3600 rpm
	Max. Output	2.4 kW (3.3 PS) / 4000 rpm	3.2 kW (4.3 PS) / 4000 rpm	3.5 kW (4.8 PS) / 3600 rpm		4.4 kW (6.0 PS) / 3600 rpm
	Fuel	Kerosene (Automotive unleaded gasoline (starting))		Diesel Light Oil		
	Fuel Tank Capacity	Kerosene: 2.6 L (0.68 USG) Gasoline: 0.13 L (0.03 USG)	Kerosene: 3.4 L (0.90 USG) Gasoline: 0.17 L (0.04 USG)	3.2 L (0.84 USG)		
	Continuous Operating Time	Approx. 2.5 hrs		Approx. 3.5 hrs	Approx. 3 hrs	Approx. 2.5 hrs
	Starting Method	Recoil Starter				
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set				
Gross Weight	25 kg (55.1 lbs)	34 kg (74.9 lbs)	47 kg (103 lbs)	50 kg (110 lbs)	64 kg (141 lbs)	
Dimensions LxWxH (mm)	479 x 352 x 420	529 x 419 x 477	573 x 413 x 500	573 x 413 x 500	664 x 445 x 698	
Packing Unit	1					