

# For Sandy and Muddy Water

• **SIC**

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

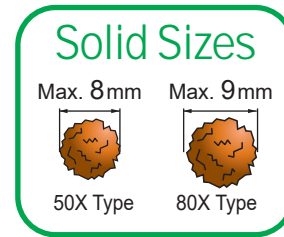


• **FCD**

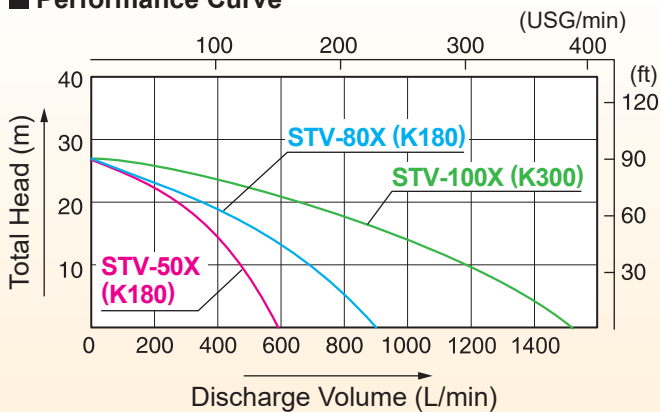
Spheroidal Graphite Iron Casting for Impeller & Volute Casing 6.5 times more erosion resistance than Standard Cast Iron (FC200)

## Outstanding Features

- ▶ Suitable for Sandy and Muddy Water usage
- ▶ Particles up to 9 mm can be pumped through
- ▶ Guaranteed 8 meters suction lift
- ▶ Long bolt assembly for easy maintenance



■ **Performance Curve**



STV-80X

■ **Specification**

Model		STV-50X	STV-80X	STV-100X
PUMP	Connection Dia	50 mm (2")	80 mm (3")	100 mm (4")
	Connection Thread	Outer Pipe Thread BSP or NPT		Outer Pipe Thread BSP
	Total Head	26 m (85 ft)		28 m (91 ft)
	Discharge Volume	580 L/min (153 USG/min)	900 L/min (238 USG/min)	1500 L/min (396 USG/min)
	Max. Suction Lift	8 m (26 ft)		
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine		
	Model	Koshin K180		Koshin K300
	Displacement	179 cc		301 cc
	Rated Output	3.1 kW (4.2 PS) / 3600 rpm		5.0 kW (6.8 PS) / 3600 rpm
	Max. Output	3.5 kW (4.8 PS) / 3600 rpm		6.0 kW (8.2 PS) / 3600 rpm
	Fuel	Automotive Unleaded Gasoline		
	Fuel Tank Capacity	3.6 L (0.95 USG)		5.9 L (1.55 USG)
	Continuous Operating Time	Approx. 2 hrs	Approx. 1.6 hrs	Approx. 1.8 hrs
	Starting Method	Recoil Starter		
Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set, 1 Spanner			
Net Weight	29 kg (63 lbs)	30.9 kg (68.1 lbs)	56.5 kg (124.6 lbs)	
Gross Weight	31 kg (68.3 lbs)	32.9 kg (72.5 lbs)	66.1 kg (145.7 lbs)	
Dimensions L×W×H (mm)	554 × 400 × 471	593 × 425 × 528	718 × 525 × 675	
Packing Unit	1			