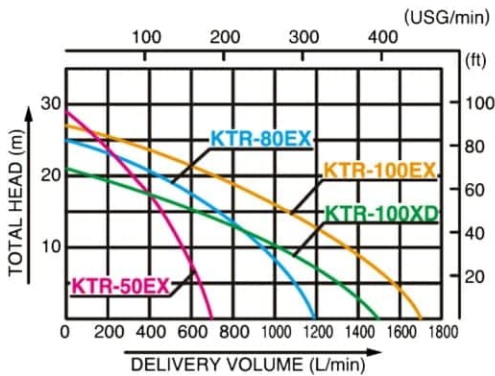


# KOSHIN

## ■ Performance Curve



### Heavy Duty Trash Pumps Powered by Honda

- Conventional mechanical seal using carbon ceramic is replaced by silicon carbide (SiC) seal. SiC seal is developed by Koshin and we are the first manufacturer to use such durable material in Japan.

### Thoughtful Design

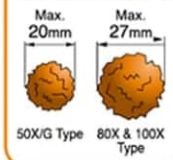
- Special plug designed on impeller allows easy removal.
- Simply insert any rod and twist to separate impeller from its casing.
- No special tool required.

### High Self-priming Performance

- Special structure is designed to ensure high capacity self-priming performance. Koshin trash pumps give excellent performance and durability.



### Solid Sizes



### Easy & Quick Maintenance



Model	KTR-50EX	KTR-80EX	KTR-100EX
Connection dia. (mm)	50 (2")	80 (3")	100 (4")
Connection thread	Outer pipe thread		
Delivery head (m)	29	25	28
Delivery volume (L/min)	700	1190	1700
Suction lift (m)	8		
Material for mechanical seal	SiC (Silicon Carbide) x SiC		
Material for impeller	Hi-Chrome		
Material for volute	Spheroidal graphite iron castings		
Engine	Subaru/Robin		
Engine model	EX17	EX27	EX40
Engine type	Forced air-cooled 4-stroke gasoline engine		
Exhaust volume (ml)	169	265	404
Output power (kW/rpm)	4.2/4000	6.6/4000	10.3/3600
(HP/rpm)	5.7/4000	9.0/4000	14.0/3600
Fuel	Automotive unleaded gasoline		
Fuel tank capacity (L)	3.2	5.6	6.8
Continuous operating time	~ 2 hrs		~ 1 hrs 30 mins
Starting method	Recoil starter		
Standard accessories	1 strainer, 2 hose couplings, 3 hose bands, 1 engine tool set		
Gross weight (kg)	53	64	90
Dimensions l x w x h (mm)	646 x 488 x 509	711 x 500 x 570	780 x 592 x 652
Packing unit	1		

