

# SELF PRIMING CENTRIFUGAL PUMP

## GASOLINE ENGINE PUMP

- SELF-PRIMING PUMP requires no water for subsequent pumping operation once initial pumping is done, and the pumping capacity is large.
- EFFICIENT, ECONOMICAL OPERATION is assured by directly coupled pump. It provides compactness and guarantees that power is not lost.
- WATER-RESISTING QUALITIES are prominent by adopting mechanical seal and the impellers which are made of special cast iron.
- HIGHLY ADVANCED ROBIN GASOLINE ENGINE, which is powerful and durable ensures easy maintenance and trouble-free operation.

Model **PTG109**  
**PTG155**  
**PTG208**  
**PTG209**  
**PTG307**  
**PTG405**

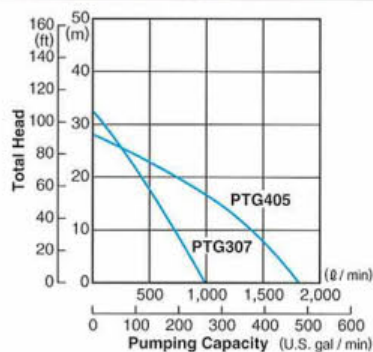
**PTG109**



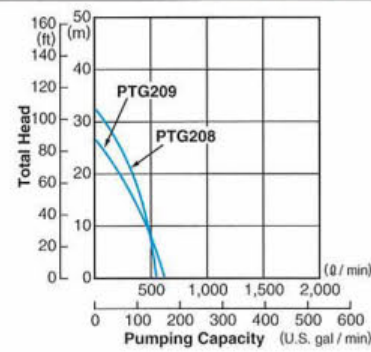
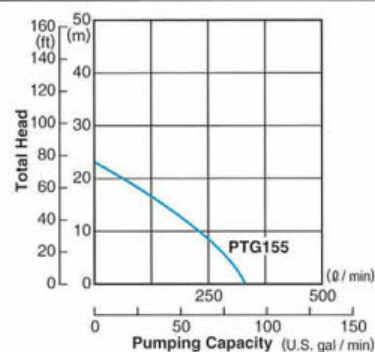
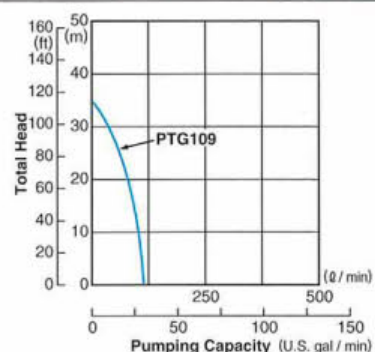
**PTG155**



**PTG307**



### PERFORMANCE CURVE



### SPECIFICATIONS

Model	PTG109	PTG155	PTG208	PTG209
Type	Self-priming, Centrifugal pump			
Suction×Delivery Diameters	25.4×25.4mm(1×1in.)	38.1×38.1mm(1.5×1.5in.)	50.8×50.8mm(2×2in.)	
Total Head	35m	23m	32m	26m
Maximum Delivery Volume	120ℓ/min	320ℓ/min	520ℓ/min	600ℓ/min
Suction Head	8.5m	8m		
Axle Seal Material(Mechanical Seal)	Ceramic-carbon			
Model	EC025GR	EY08D	EY15-3D	
Type	Robin Air-cooled, 2-stroke, Gasoline engine	Robin Air-cooled, 4-stroke, Gasoline engine		
Fuel	Mixture fuel (Automobile gasoline : Engine oil=25:1)	Automobile gasoline		
Fuel Tank Capacity	0.6L	1.5L	2.8L	
Starting System	Recoil starter			
Dimensions (L×W×H)	275×212×298mm	382×285×357mm	470×355×419mm	470×355×419mm
Net Weight	5.1kg	9.8kg	23.5kg	22.5kg
Standard Accessories	Engine tool kit (1 set), Strainer (1 pc.), Hose coupling (2 pcs.), Hose band (3 pcs.)			

PTG307	PTG405
Self-priming, Centrifugal pump	
76.2×76.2mm(3×3in.)	101.6×101.6mm(4×4in.)
32m	28m
1000ℓ/min	1800ℓ/min
8m	
Ceramic-carbon	
EY20-3D	EY28D
Robin Air-cooled, 4-stroke, Gasoline engine	
Automobile gasoline	
3.8L	5.5L
Recoil starter	
527×379×422mm	618×485×570mm
26.4kg	44.1kg
Engine tool kit (1 set), Strainer (1 pc.), Hose coupling (2 pcs.), Hose band (3 pcs.)	

Specifications are subject to change without notice.