

Robin Pump



PTD Series

**206/306/406
206T/306T/405T**



FUJI HEAVY INDUSTRIES LTD.

English

DIESEL ENGINE PUMP

SELF-PRIMING CENTRIFUGAL PUMP

PTD206/306/406

- **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 DIESEL ENGINE**, which is powerful and durable ensures easy maintenance and trouble-free operation.

PTD306

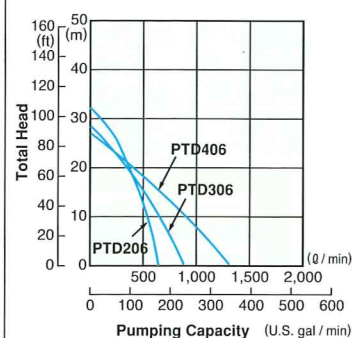


STANDARD ACCESSORIES



The above picture shows typical samples. Material and design may vary by models.

PERFORMANCE CURVE



SELF-PRIMING TRASH PUMP

PTD206T/306T/405T

- **HEAVY DUTY CONSTRUCTION PUMP** are specially designed for heavy duty use such as construction field. Pumps with 3" and 4" pipe diameters are designed to suck up to 31mm dia. trash, and the pumps with 2" pipe diameters are designed to suck up to 20mm dia. trash.
- **TOUGH AND POWERFUL PUMP MECHANICAL SEAL** is made of silicon-carbide which has most hardness. **IMPELLER** is made of hi-chrome cast iron. **INNER CASING** is made of cast-iron and due to stainless steel liner inside inner casing only requires to be replaced when defacing. **PUMP CASING, FRONT COVER** are made of cast aluminum.

PTD206T

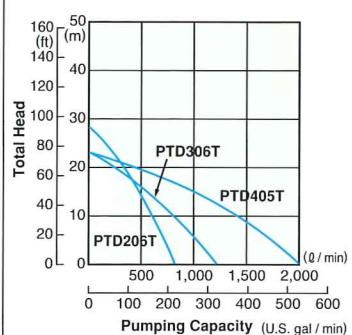


STANDARD ACCESSORIES



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PERFORMANCE CURVE



SPECIFICATIONS

MODEL		PTD206	PTD306	PTD406	PTD206T	PTD306T	PTD405T
PUMP	Type	Self-priming, Centrifugal pump			Self-priming, Trash pump		
	Suction x Delivery Diameters mm(in.)	50.8 x 50.8 (2 x 2)	76.2 x 76.2 (3 x 3)	101.6 x 101.6 (4 x 4)	50.8 x 50.8 (2 x 2)	76.2 x 76.2 (3 x 3)	101.6 x 101.6 (4 x 4)
	Total Head m(ft)	32 (105)	28 (91.9)	27 (88.6)	28 (91.9)	23 (75.5)	
	Maximum Delivery Volume Liter(U.S.gal)/min	520 (137)	900 (238)	1300 (343)	800 (172)	1200 (317)	2000 (528)
	Suction Head m(ft)	8 (26)					
	Axle Seal Material (Mechanical Seal)	Ceramic-carbon			Silicon - carbide		
ENGINE	Model	DY23-2D		DY27-2D	DY23-2D	DY27-2D	DY41D
	Type	Air-cooled, 4-cycle, single cylinder diesel engine					
	Fuel	Automobile diesel light oil					
	Fuel Tank Capacity Liter(U.S.gal)	3.2 (0.85)					4.5 (1.19)
	Lubricant	Diesel Engine OIL, Service rank CC or CD grade					
	Lubricating Oil capacity Liter (U.S.gal)	0.9 (0.24)					1.1 (0.29)
Starting system		Reciol starter					
Dimensions (L x W x H) mm(in.)		539 x 368 x 455 (21.2 x 14.5 x 17.9)	590 x 410 x 510 (23.2 x 16.1 x 20.1)	680 x 410 x 590 (26.8 x 16.1 x 23.2)	610 x 410 x 510 (24.0 x 16.1 x 20.1)	680 x 410 x 590 (26.8 x 16.1 x 23.2)	730 x 485 x 610 (28.7 x 19.1 x 24.0)
Dry weight kg(lb)		40.5 (89.3)	43.5 (95.9)	52.2 (115.1)	51.5 (113.6)	61 (134.5)	89 (196.2)
Standard accessories		Engine tool kit (1pc.), Strainer (1pc.), Hose band (3pcs.), Hose coupling (2pcs.)					

Specifications are subject to change without notice.



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