# **Self-Priming High Pressure & Trash Pedestal Drive Pumps**

- Aluminum Construction
- High Pressure—Type P Only
  - Aluminum Impeller with **Cast Iron Volute for High** Efficiency
  - EPDM/EPR Seals and **O-Rings**
- Trash—Type S Only

Aluminum

Pedestal

NPSHr [ft.\*] [m]

16 4

8 2

NPSHr [ft.\*] [m]

16 4

8

0 pm]

Performance of 2" Trash Pedestal Pumps

(†) Minimu (†) Operat

3450 BPM

NPSHr

20 Capacity (\*)Convert to psi, divide by 2.31 Liquid - Water specific gravity 1.0

Performance of 3" Trash Pedestal Pumps

3450 RPM

NPSHr

2850 RPM+

1725 RPM+

100 120 140 [U.S

24 28 32

(3450 RPM) = 3S5XP 5.30 HP [3.95 kW] † (2850 RPM<sup>4</sup>) = 3S5XP 4.77 HP [3.55 kW] † (1725 RPM<sub>4</sub>) = 3S5XP 2.88 HP [3.15 kW] †

2850 RPM

1725 RPM

12

(3450 RPM) = 2S5XP 4.47 HP [3.34 kW] † (2850 RPM<sup>7</sup>) = 2S5XP 3.80 HP [2.84 kW] † (1725 RPM<sup>7</sup>) = 2S5XP 2.30 HP [1.72 kW] †

- Cast Iron Impeller & Volute for Resistance to Wear and Abrasion
- Silicon/Carbide/Viton<sup>®</sup> Mechanical Seal and **EPDM/EPR O-Rings**

### Solids Handling and Dirty Water Design

Pedestal drive units for flex-coupling to an electric motor are available in general purpose, high pressure and trash versions. All models are standard with threaded impeller. Pumps are designed to handle liquids with solids content or dissolved solids and debris.



400 Spring Street • Roversford, PA 19468 USA



www.amtpump.com • 888-amt-pump (268-7867)

A Gorman-Rupp Company

**GORMAN-RUP** 

110

80 24 70

> 30 8

20 4 10

32 100

28 90

20

[m] 36 [ft.\*] 120

32

28 90

Pead 20

16 IC 50

4

110

100

80 24

70

60

40 12

> 30 8

20

10



For use with nonflammable liquids compatible with pump component materials. Viton\* and Teflon\* are registered trademarks of E. I. Dupont.

### Self-Priming High Pressure & Trash Pedestal Pumps

## Aluminum with Cast Iron Pedestal Drive with Dual Sealed Ball Bearings

High Pressure Pedestal Drive								
Model	del NPT Required Valve O-R		0-Ring	Seal Type & Elastomer/Faces	Ship Wt. (Lbs.)			
2P5XP	2"	5	EPDM/ EPR	EPDM/ EPR	EPDM/EPR/ CAR/CER	43		

#### **Trash Pedestal Drive**

Model	NPT	HP Required	Check Valve	0-Ring	Seal Type & Elastomer/Faces	Ship Wt. (Lbs.)
2 <b>S</b> 5XP	2"	5	EPDM/ EPR	EPDM/ EPR	Viton®/SIC/SIC	47
3 <b>S</b> 5XP	3"					49



### **Pump Dimensional & Specification Data**

Model	SUC*	DIS*	L	W	Н
2P5XP / 2S5XP	2" (Male)	2" (Male)	18.3 [46.4]	12.5 [31.7]	16.4 [41.6]
3\$5XP	3" (Male)	3" (Male)	18.5 [46.9]	12.5 [31.7]	16.0 [40.6]

(\*) Standard NPT pipe thread.

NOTE: Dimensions are in inches (centimeters) and have a tolerance of  $\pm 1/8$ ".



#### **Standard Features**

- Stainless Steel Internal Screws and Pins for Easy Servicing
- Large Pump Casing for Faster Priming
- Built-in EPDM/EPR Check Valve for Fast Priming
- Horizontal Discharge–No Need to Buy Elbow
- Threaded Male Connections—No Need to Buy Nipples
- Stainless Steel Shaft Sleeve
- Strainer Supplied with Each Pump-to Prevent Clogging



Manufacturer of AMT & IPT Pumps 400 Spring Street • Royersford, PA 19468 USA www.amtpump.com • 888-amt-pump (268-7867)



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