



## 4" submersible pumps – MS+



### MS+ Series SubPAK

Ships complete with MS+ Series pump, XE Series motor and SMC-CR Control Box. Factory assembled and tested.



*Precision-engineered, high-quality, rugged MGS Stainless Steel Series Pumps deliver efficient, dependable performance even in rough, aggressive water.*

*The MGS MS+ series puts the plus in MS+ with the advanced PENTEK® XE series motor. Superior PENTEK motor technology supercharges an MS+ pump with extra stages, raising the performance bar without exceeding recommended service factor amps.*

### APPLICATIONS

- **Water systems...** for residential, industrial, commercial, multiple housing and farm use.

### SPECIFICATIONS

**Shell** – Stainless steel

**Diameter** – 3-7/8"

**Discharge** – Stainless steel

**Discharge Bearing** – Nylatron®

**Intermediate Bearing** – (On larger units) Polycarbonate, nitrile rubber and stainless steel

**Impellers** – Acetal

**Diffusers** – Polycarbonate

**Suction Caps** – Polycarbonate with stainless steel insert

**Thrust Pads** – Proprietary spec.

**Shaft and Coupling** – Stainless steel

**Intake** – Stainless steel

**Intake Screen** – Stainless steel

**Cable Guard** – Stainless steel

**Check Valve** – Acetal†

**Agency Listings** – CSA

†Except where noted.

Nylatron® is a registered trademark of Polymer Corp. PENTEK® and BERKELEY® are registered trademarks of Pentair Water. PRO-Source™, SignaSeal™ and TrimLine™ are trademarks of Pentair Water.

In order to provide the best products possible, specifications are subject to change.

## MGS STAINLESS STEEL

### FEATURES

**Staging System** – Our proven SignaSeal™ staging system incorporates a harder-than-sand ceramic wear surface that when incorporated with our floating impeller design, greatly reduces problems with abrasives, sand lock-up and running dry.

**Discharge** – Corrosion-resistant 300 grade stainless steel for durability in aggressive water. Large octagon wrench area for ease of installation.

**Discharge Bearing** – Exclusive self-lubricating Nylatron® bearing resists wear from sand.

**Intake** – Corrosion-resistant 300 grade stainless steel for durability in aggressive water.

**Shaft** – Positive drive from 7/16" hexagonal heavy-duty 300 grade stainless steel.

**Coupling** – Stainless steel press fit to pump shaft. Couples to all standard NEMA motors.

**Shell** – Highest grade, heavy-walled corrosion-resistant stainless steel. Threaded for easy servicing.

**Hardware** – All screws, washers and nuts are corrosion-resistant 300 grade stainless steel.

**Check Valve†** – Durable internal spring-loaded check valve.

**Cable Guard** – Corrosion-resistant stainless steel guard protects motor leads. Tapered ends prevent pump from catching on well.

**Intake Screen** – Corrosion-resistant stainless steel.

**PENTEK® XE Motor** – 3 wire NEMA standard all stainless construction water-filled motors.

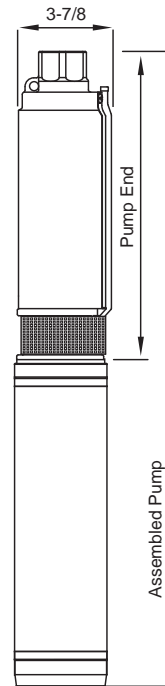


# 4" submersible pumps – MS+

## ORDERING INFORMATION

HP	Stgs	PH	Volts	Assembled Pump		
				Catalog Number	Length	Wt. Lbs.
5 GPM / 3 WIRE						
1/2	15	1	230	B5P4MS+05231	29	26
3/4	21	1	230	B5P4MS+07231	35-1/4	32
1	24	1	230	B5P4MS+10231	38-3/4	32
7 GPM / 3 WIRE						
1/2	12	1	230	B7P4MS+05231	27	26
3/4	15	1	230	B7P4MS+07231	30-3/4	30
1	19	1	230	B7P4MS+10231	35-1/2	30
10 GPM / 3 WIRE						
1/2	8	1	230	B10P4MS+05231	24	26
3/4	10	1	230	B10P4MS+07231	27	29
1	13	1	230	B10P4MS+10231	30	29
15 GPM / 3 WIRE						
1/2	7	1	230	B15P4MS+05231	24-1/2	27
3/4	9	1	230	B15P4MS+07231	28	30
1	11	1	230	B15P4MS+10231	31-1/2	30
20 GPM / 3 WIRE						
3/4	7	1	230	B20P4MS+07231	26	29
1	9	1	230	B20P4MS+10231	29-1/2	29

## OUTLINE DIMENSIONS

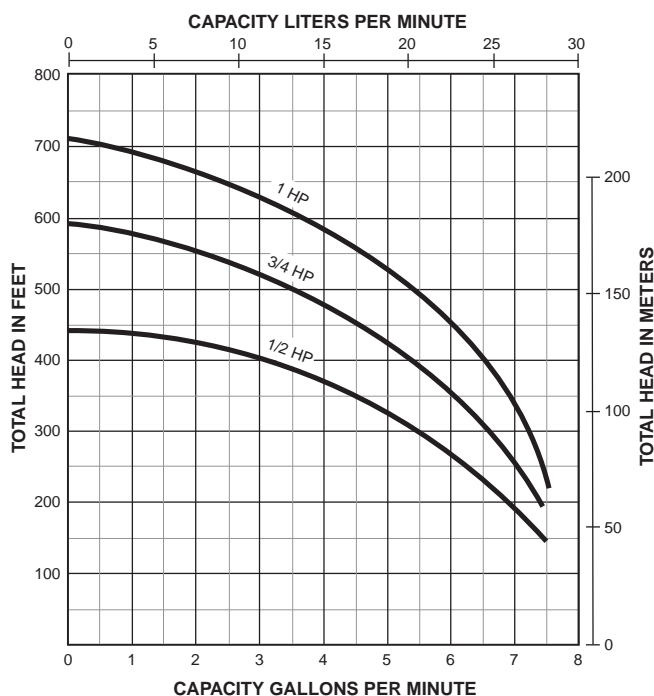


Discharge	
5 GPM	1-1/4" NPT
7 GPM	1-1/4" NPT
10 GPM	1-1/4" NPT
15 GPM	1-1/4" NPT
20GPM	1-1/4" NPT

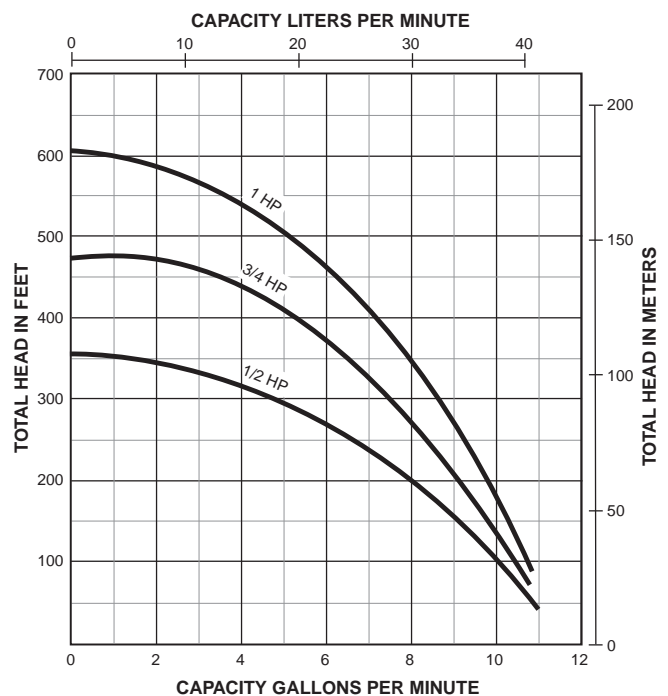
For dimensions, refer to Ordering Information table.

Dimensions (in inches) are for estimating purposes only.

## PUMP PERFORMANCE – 5 GPM



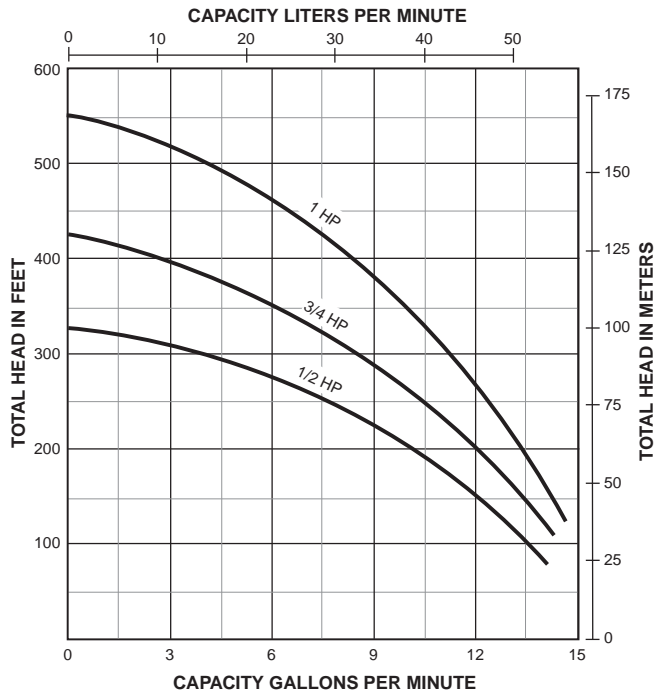
## PUMP PERFORMANCE – 7 GPM



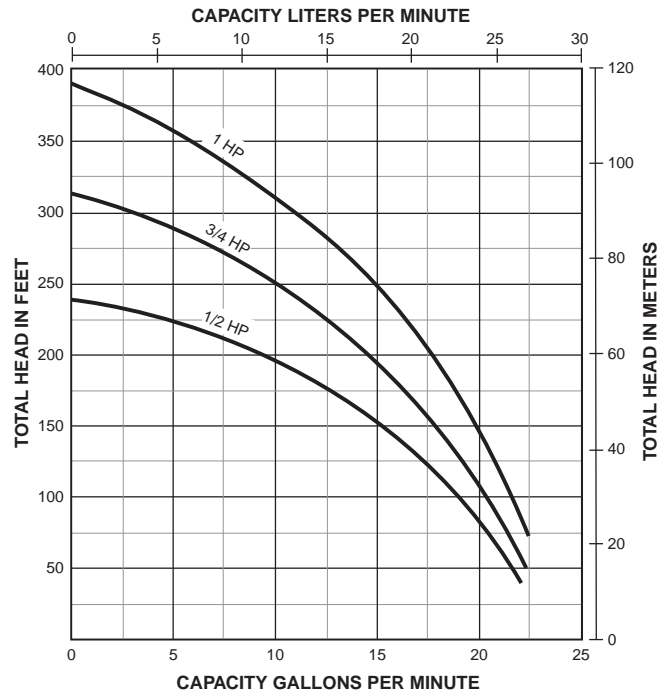


# 4" submersible pumps – MS+

## PUMP PERFORMANCE – 10 GPM



## PUMP PERFORMANCE – 15 GPM



## PUMP PERFORMANCE – 20 GPM

