

## 4" submersible pumps



*We have combined the dependable performance, durability and value of the PRO-Source KS-Series with Pentair's NEW quiet and long-lasting T-Series 4" water-filled submersible motors in the popular 10 and 20 GPM models.*

*KS-Series pumps will handle dry run conditions where other manufacturers fail.*

*Proven "Floating Impeller" staging system is designed with a corrosive resistant stainless steel wear surface that greatly reduces problems with abrasives and sand lock-up.*

*Exclusive dry-run feature.*

*Powered by water-filled Pentair T-Series submersible motors.*

### APPLICATIONS

- **Water systems...** for residential, commercial, irrigation and farm use.

### SPECIFICATIONS

- Shell** – Stainless steel
- Discharge** – Stainless steel
- Discharge Bearing** – Nylatron®
- Impellers** – Acetal
- Diffusers** – Polycarbonate
- Suction Caps** – Polycarbonate with stainless steel wear ring
- Thrust Pads** – Proprietary spec.
- Shaft and Coupling** – Stainless steel 300 grade
- Intake Screen** – Polypropylene
- Check Valve** – Durable internal check valve
- Cable Guard** – Rigid PVC
- Motor Bracket** – Stainless steel
- Motor** – Water-filled Pentair T-Series submersible motors

## KS-series STAINLESS STEEL

### FEATURES

#### Proven "Floating Impeller" Staging System –

Incorporates 1<sup>st</sup>-in-class performance, sand handling and thrust management staging system with the industry exclusive "dry-run" design element. Reinforced engineered composites and stainless steel, offering high resistance to corrosion and abrasion.

**Discharge** – Corrosion-resistant, heavy-duty 400-grade stainless steel with proven internal check valve. Large wrench flats and rope hole.

**Check Valve** – Durable internal proven poppet type check valve.

**Shell** – Heavy-gauge, 300-grade stainless steel pump shell offers high corrosion resistance.

**Shaft** – Hexagonal 3/8", 300-grade stainless steel pump shaft; offers generous impeller drive surfaces.

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

**Motor Bracket** – Corrosion-resistant, heavy-duty 400-grade stainless steel.

**Cable Guard** – Corrosion resistant rigid PVC with 300-grade stainless steel fasteners.

Nylatron® is a registered trademark of Polymer Corp.

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



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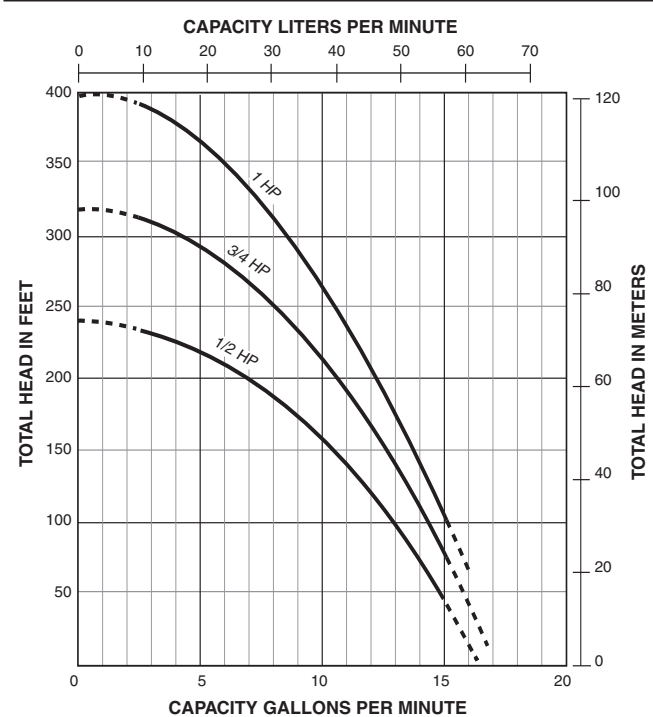
ORDERING INFORMATION								
GPM	Motor Type*	HP	Stages	Phase	Volt	Catalog Number	Length Inches**	Weight Pounds**
10 GPM	2 Wire	1/2	6	1	115	10KS05121T	21-1/2	29
	2 Wire	1/2	6	1	230	10KS05221T	21-1/2	29
	3 Wire	1/2	6	1	230	10KS05231T	21-1/2	29
	2 Wire	3/4	8	1	230	10KS07221T	24-1/4	32
	3 Wire	3/4	8	1	230	10KS07231T	24-1/4	32
	2 Wire	1	11	1	230	10KS10221T	27	36
	3 Wire	1	11	1	230	10KS10231T	27	36
20 GPM	3 Wire	1	7	1	230	20KS10231T	26-1/4	36
	3 Wire	1-1/2	9	1	230	20KS15231T	31-3/4	41

\* 3-wire models are supplied **with** the motor control box.

\*\*Length and weight are approximate.

PUMP PERFORMANCE (Capacity in Gallons Per Minute)																
HP	PSI	Pumping Depth in Feet													Shutoff Head	
		20'	40'	60'	80'	100'	150'	200'	300'	400'	500'	600'	700'	Feet	PSI	
<b>10 GPM</b>																
1/2	40	12.4	11.7	10.8	9.7	8.2	2.0								237	103
3/4	40	14.2	13.5	12.9	12.1	11.3	8.9	5.3							316	137
1	40	—	—	14.2	13.6	13.0	11.2	9.2	3.8						440	190
<b>20 GPM</b>																
1	40	27.0	24.5	22.0	19.4	16.8	2.6								252	109
1-1/2	40	29.1	27.8	26.2	24.3	22.3	17.3	8.0							325	141

## PUMP PERFORMANCE – 10 GPM



## PUMP PERFORMANCE – 20 GPM

