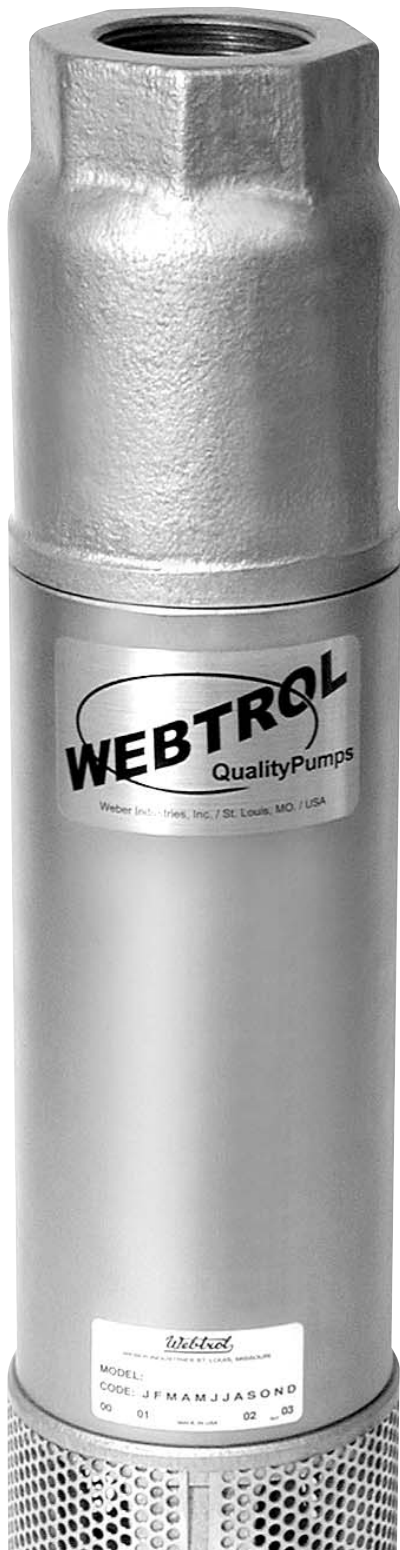


6 INCH SUBMERSIBLE PUMP

60 & 80 Series For 6 1/4 Inch or Larger Diameter Wells



The **Webtrol 6 Inch Submersible Pump** can be installed in 6 1/4" or larger dia. wells. The design of the 6" Submersible allows for use of less stages than a four inch turbine for more efficiency. This is an important feature for those commercial, industrial and irrigation jobs that require several hours of operation daily, which translate into savings for your customer.

The design of the Webtrol 6" Submersible pump utilizes a thermoplastic rotating assembly generating less motor load and vibration free performance due to light weight and perfectly balanced impellers.

Webtrol recognizes that when your customer invest in a pumping system, they will be looking for a quality pump, years of trouble free service and a quick pay back period. Webtrol will give them what they expect and deserve.

Features And Benefits

- Heavy wall close Ni-resist castings
- Thermoplastic impellers and diffusers
- Stainless steel wear rings throughout
- Heavy duty 7/8" dia. stainless steel shaft
- Built in stainless steel check valve
- Heavy wall stainless steel pump housing, intake screen and hardware.

Specifications

Webtrol 6 Inch Submersible Pumps are available from 30 to 100 Gallons Per Minute. Models, 1 1/2 Hp - 30 Hp.

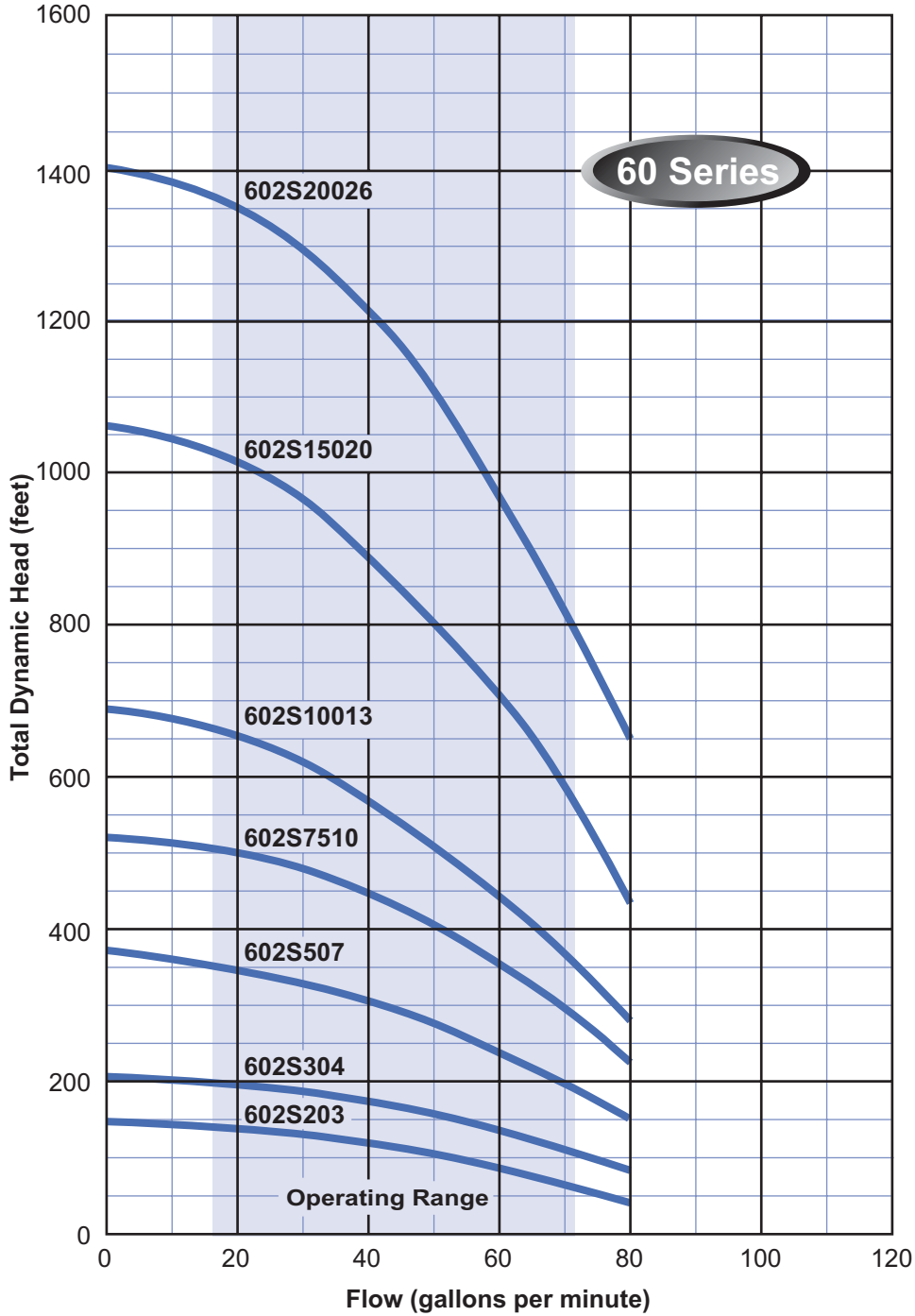
6 INCH SUBMERSIBLE PUMP

Construction And Design Features



- 1 Discharge**
One piece Ni-resist casting with a 2 1/2" female pipe thread.
- 2 Built In Check Valve**
Positive closing, stainless steel, check valve.
- 3 Shaft Sleeve Bearing**
Large diameter, stainless steel sleeve radial bearing.
- 4 Pump Shaft**
Heavy duty, 7/8" diameter, stainless steel pump shaft with two keyways spaced 180 degrees apart for smooth transition of motor torque.
- 5 Pump Housing**
Seamless, stainless steel construction, which minimizes deterioration due to water conditions or electrolysis. Accurate machining of pump housing assures straightness and provides absolute alignment of internal pump parts.
- 6 Impellers And Diffusers**
Impellers and diffusers are precision molded out of specially compounded polycarbonate. Water passages throughout the impeller and diffuser are glass smooth for minimum friction, increasing pump efficiencies. Diffusers have molded in stainless steel wear rings at all critical points. Patented top diffuser has molded in, lead free bearing, for accurate alignment of pump shaft.
- 7 Wire Cover**
Stainless steel wire cover attached with stainless steel screws.
- 8 Motor Bracket**
Ni-resist casting.
- 9 Franklin Electric Motor**
Water lubricated motor, hermetically sealed windings in a stainless steel enclosure.
- 10 Quality Construction**
The remarkable efficiency of Webtrol's 6" Submersible Pump is due to improved design, quality components, precision machining and careful construction by people who care. Every complete pump is thoroughly tested for flow, pressure and motor load.

6 INCH SUBMERSIBLE PUMP 60 GPM - Performance Curve



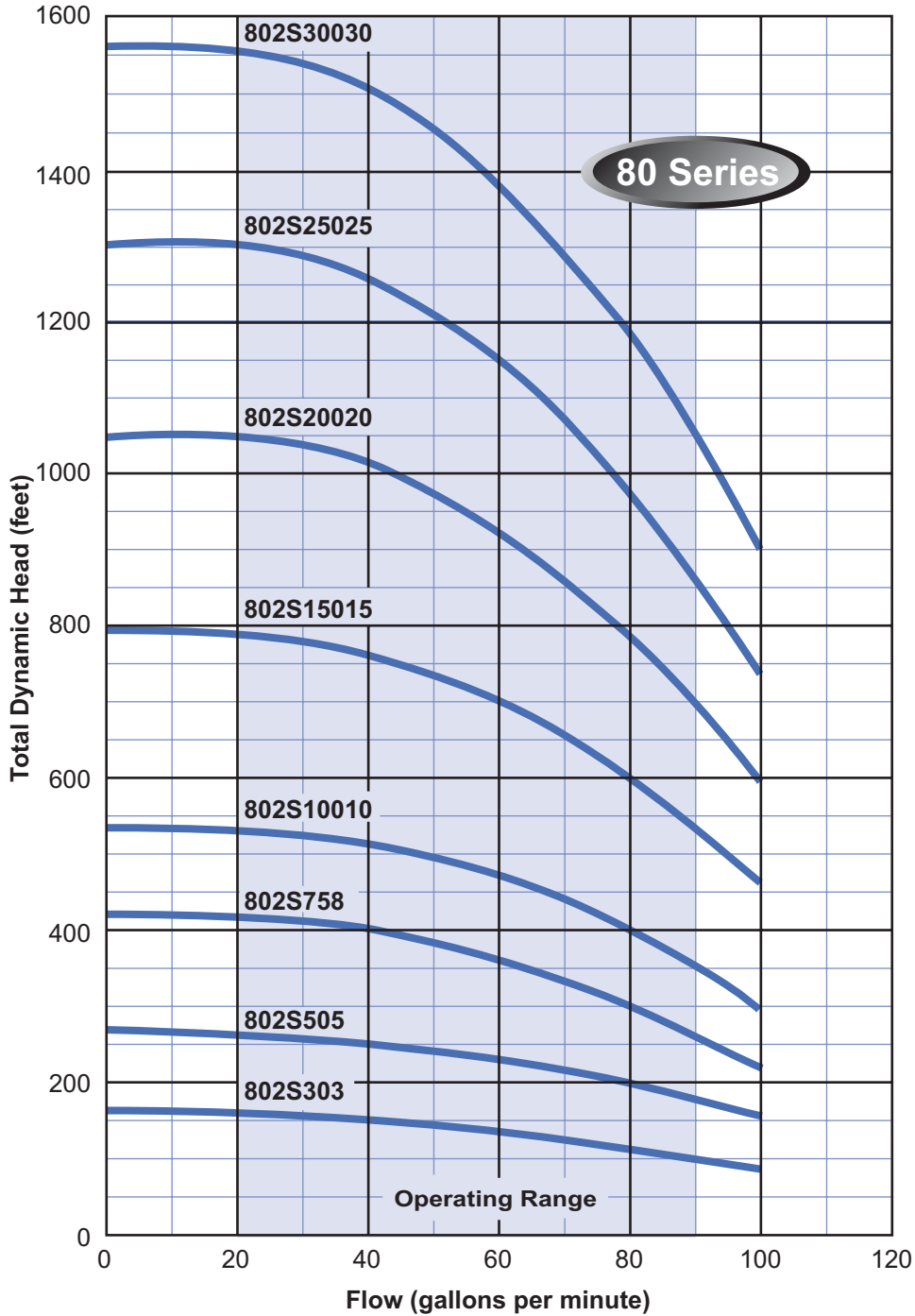
Note:

For well of 6" or larger diameter.

Caution: Do not use pump at flow rates outside of operating range. To do so can cause premature pump failure.

These curves are based on factory tests when pumping clear, fresh, non-aerated water at a temperature not exceeding 85°F and under suction conditions as indicated. Due to production tolerances, these curves can vary plus or minus five percent.

6 INCH SUBMERSIBLE PUMP 80 GPM - Performance Curve



Note:

For well of 6" or larger diameter.

Caution: Do not use pump at flow rates outside of operating range. To do so can cause premature pump failure.

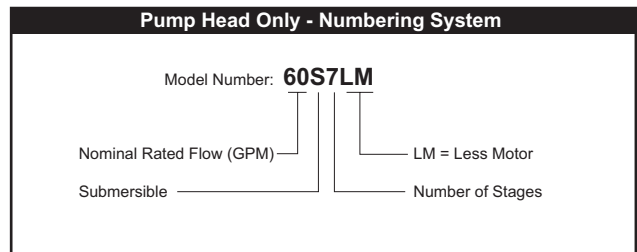
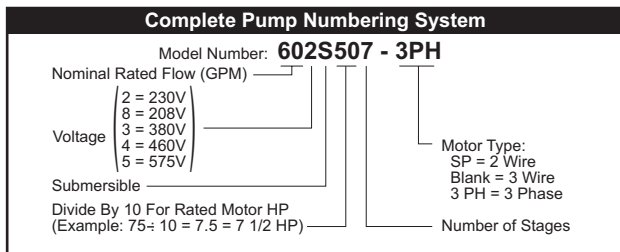
These curves are based on factory tests when pumping clear, fresh, non-aerated water at a temperature not exceeding 85°F and under suction conditions as indicated. Due to production tolerances, these curves can vary plus or minus five percent.



6 INCH SUBMERSIBLE PUMP 60 GPM Series Pump & Component Specifications

Complete Pump											Motor		Control Box		Pump End	
SERIES	WIRE	HP	STGS	DISCH.	LENGTH	PH	VOLTS	MTR. DIA.	MODEL NO.	WT (LBS.)	MODEL NO.	WT (LBS.)	MODEL NO.	WT (LBS.)	MODEL NO.	WT (LBS.)
60	3	2	3	2.5"	43.09"	1	230	4"	602S203	75	10S220-M	33	31S220-M	7	60S3LM	42
		2	3	2.5"	41.59"	3	230	4"	602S203-3PH	70	10S220-M3PH	28	SEE NOTE 3		60S3LM	42
		3	4	2.5"	50.95"	1	230	4"	602S304	85	10S230-M	41	31S230-M	7	60S4LM	44
		3	4	2.5"	47.95"	3	230	4"	602S304-3PH	79	10S230-M3PH	35	SEE NOTE 3		60S4LM	44
		5	7	2.5"	55.50"	1	230	4"	602S507	119	10S250-M	70	31S250-M	8	60S7LM	49
		5	7	2.5"	49.50"	3	230	4"	602S507-3PH	104	10S250-M3PH	55	SEE NOTE 3		60S7LM	49
		7.5	7	2.5"	62.48"	1	230	6"	602S7510	177	10S275-6M	123	31S275-M	13.5	60S10-6LM	54
		7.5	10	2.5"	62.68"	3	230	4"	602S7510-3PH	124	10S275-M3PH	70	SEE NOTE 3		60S10LM	54
		10	13	2.5"	75.80"	1	230	6"	602S10013	202	10S2100-6M	141	31S2100-M	14.6	60S13LM	61
		10	13	2.5"	69.98"	3	230	6"	602S10013-3PH	177	10S2100-6M3PH	116	SEE NOTE 3		60S13LM	61
		15	20	2.5"	90.00"	1	230	6"	602S15020	226	10S2150-M	154	31S2150-DM	18	60S20LM	72
		15	20	2.5"	84.90"	3	230	6"	602S15020-3PH	201	10S2150-M3PH	129	SEE NOTE 3		60S20LM	72
		20	26	2.5"	101.16"	3	230	6"	602S20026-3PH	231	10S2200-M3PH	145	SEE NOTE 3		60S26LM	86

- Note:**
- 1). For 6 1/4" diameter or larger wells.
 - 2). Motor controls used on 3 phase units must be equipped with quick trip (10 seconds maximum) heaters on each leg or warranty is void.
 - 3). Solid state starters sold separately. See motors and controls section.
 - 4). 50 cycle units are available upon request.
 - 5). For settings of 500 feet or more an additional check valve is required and should be placed two thirds of the way between the pump and the well seal or pitless adapter.
 - 6). The standard motor for a 2HP through 5HP 1PH pump and a 2HP through 7.5HP 3PH pump is a 4" diameter motor. If you are ordering a complete pump and you want a 6" diameter motor, place a (-6) after the number of stages in the model number (Example: 802S505-6 or 802S505-6-3PH). When ordering a pump end for a 6" diameter motor that is typically standard with a 4" diameter motor, place a (-6) before the LM in the model number (Example: 80S5-6LM). The standard motor for a 7.5HP through 15HP 1PH and 10HP though 30HP 3PH pump is a 6" diameter motor.



Effective Date: 4/08

Prices are subject to change without notice, catalog updated monthly.



6 INCH SUBMERSIBLE PUMP 80 GPM Series Pump & Component Specifications

Complete Pump											Motor		Control Box		Pump End	
SERIES	WIRE	HP	STGS	DISCH.	LENGTH	PH	VOLTS	MTR. DIA.	MODEL NO.	WT (LBS.)	MODEL NO.	WT (LBS.)	MODEL NO.	WT (LBS.)	MODEL NO.	WT (LBS.)
80	3	3	3	2.5"	49.63"	1	230	4"	802S303	83	10S230-M	41	31S230-M	7	80S3LM	42
		3	3	2.5"	46.63"	3	230	4"	802S303-3PH	77	10S230-M3PH	35	SEE NOTE 3		80S3LM	42
		5	5	2.5"	52.55"	1	230	4"	802S505	116	10S250-M	70	31S250-M	8	80S5LM	46
		5	5	2.5"	46.55"	3	230	4"	802S505-3PH	101	10S250-M3PH	55	SEE NOTE 3		80S5LM	46
		7.5	8	2.5"	59.83"	1	230	6"	802S758	174	10S275-6M	123	31S275-M	13.5	80S8-6LM	51
		7.5	8	2.5"	60.03"	3	230	4"	802S758-3PH	121	10S275-M3PH	70	SEE NOTE 3		80S8LM	51
		10	10	2.5"	69.09"	1	230	6"	802S10010	196	10S2100-6M	141	31S2100-M	14.6	80S10LM	54
		10	10	2.5"	63.89"	3	230	6"	802S10010-3PH	170	10S2100-6M3PH	116	SEE NOTE 3		80S10LM	54
		15	15	2.5"	83.43"	1	230	6"	802S15015	219	10S2150-M	154	31S2150-DM	18	80S15LM	65
		15	15	2.5"	78.33"	3	230	6"	802S15015-3PH	194	10S2150-M3PH	129	SEE NOTE 3		80S15LM	65
		20	20	2.5"	91.64"	3	230	6"	802S20020-3PH	217	10S2200-M3PH	145	SEE NOTE 3		80S20LM	72
		25	25	2.5"	107.03"	3	230	6"	802S25025-3PH	240	10S2250-M3PH	156	SEE NOTE 3		80S25LM	84
		30	30	2.5"	115.20"	3	230	6"	802S30030-3PH	266	10S2300-M3PH	174	SEE NOTE 3		80S30LM	92

- Note:**
- For 6 1/4" diameter or larger wells.
 - Motor controls used on 3 phase units must be equipped with quick trip (10 seconds maximum) heaters on each leg or warranty is void.
 - Solid state starters sold separately. See motors and controls section.
 - 50 cycle units are available upon request.
 - For settings of 500 feet or more an additional check valve is required and should be placed two thirds of the way between the pump and the well seal or pitless adapter.
 - The standard motor for a 2HP through 5HP 1PH pump and a 2HP through 7.5HP 3PH pump is a 4" diameter motor. If you are ordering a complete pump and you want a 6" diameter motor, place a (-6) after the number of stages in the model number (Example: 802S505-6 or 802S505-6-3PH). When ordering a pump end for a 6" diameter motor that is typically standard with a 4" diameter motor, place a (-6) before the LM in the model number (Example: 80S5-6LM). The standard motor for a 7.5HP through 15HP 1PH and 10HP though 30HP 3PH pump is a 6" diameter motor.

