



5" - 11" Texas 316 Stainless Steel Submersible Turbine Pumps

FOR 6" AND LARGER WELLS

FEATURES

Discharge Bowl: Discharge available in NPT thread or flanged.

Discharge Bearing: State of the art thermoplastic water lubricated bearing is standard. Bronze grease-packed sealed bearing complete with 316SS plug available on request.

Intermediate Bowl: Heavy duty design and investment cast for industry leading durability and efficiency.

Impeller: Wide range of hydraulic coverage designed for maximum efficiency.

Thrust Washer: Designed with an extra margin of safety against upthrust at start up.

Intermediate Bowl Bearing: State of the art thermoplastic sleeve bearings are standard. Self-flushing rubber bearing is available on request.

Taper Locks: Precision machined to ensure positive locking of impeller to pump shaft.

Suction Inlet: Hydrodynamic design ensures smooth entrance flow. Oversized inlet strainer prevents solids from entering hydraulic assembly.

Suction/Motor Adapter: Heavy duty casting designed for strength, corrosion resistance, easy access to pump/motor coupling, and ensure motor alignment.

Pump to Motor Coupling: Precision machined and balanced for perfect alignment and power transmission.

Pump Shaft: Designed for maximum strength and excellent corrosion resistance. Turn, ground and polish providing a smooth bearing surface.

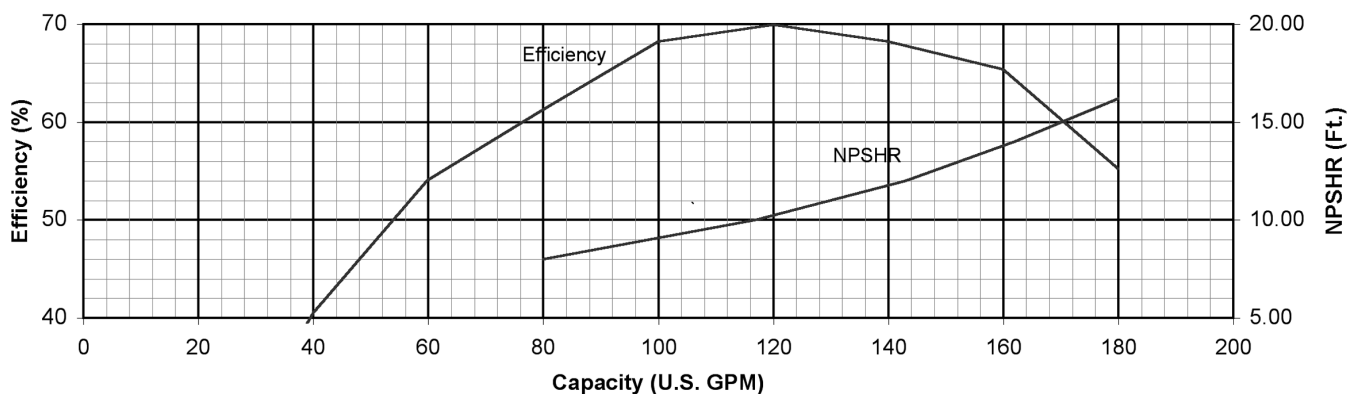
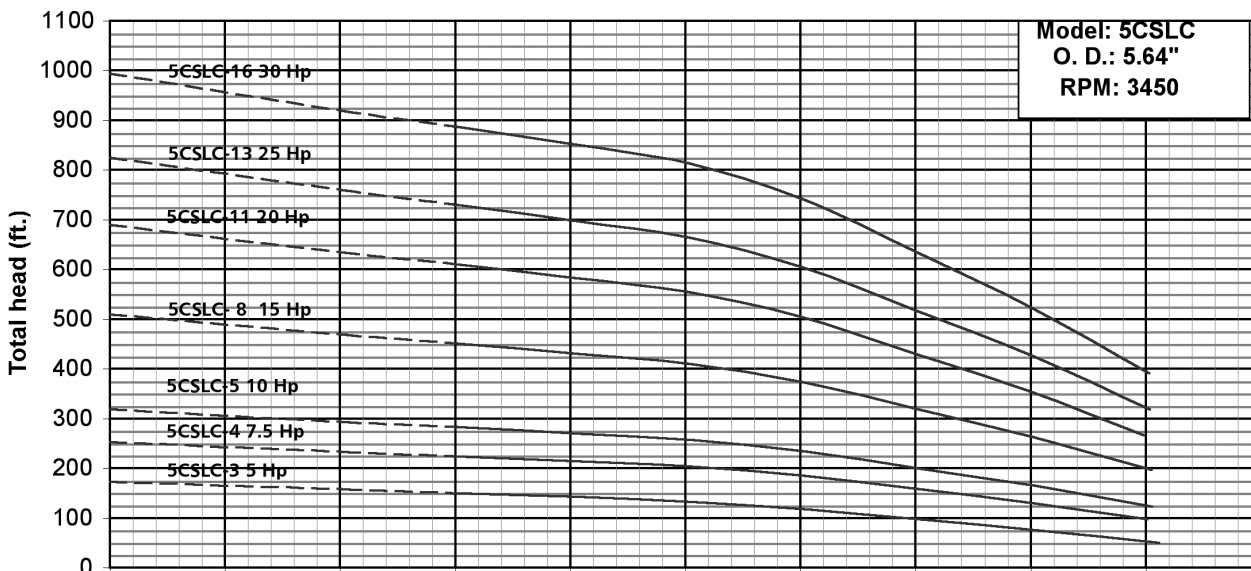
Check Valve: Goulds Water Technology also offer 316 SS check valve with NPT threads.

Powered for Continuous Operation: All hydraulic ratings are within the motor power ratings.

SPECIFICATIONS

Model	Operating Range (GPM)	Best Efficiency Flow (GPM)	Horsepower Range	Discharge Connections	Minimum Well Size
5CSLC	60 - 160	120	5 - 30	4"	6"
5CSHC	80 - 220	160	5 - 40	4"	6"
5TSLC	100 - 250	190	5 - 30	4"	6"
5TSHC	125 - 320	250	5 - 50	4"	6"
6CSLC	100 - 250	175	5 - 40	4"	8"
6CSHC	150 - 350	225	5 - 50	4"	8"
7WSEL	100 - 250	200	5 - 40	4", 6"	8"
7WSLC	130 - 300	230	7.5 - 50	4", 6"	8"
7WSHC	160 - 390	260	10 - 75	4", 6"	8"
7CSLC	200 - 500	350	10 - 75	4", 6"	8"
7CSHC	260 - 600	450	15 - 125	4", 6"	8"
7TSLC	300 - 750	600	10 - 100	4", 6"	8"
7TSHC	400 - 900	750	15 - 150	4", 6"	8"
9CNLC	400 - 900	700	30 - 150	6"	10"
9CNHC	500 - 1100	850	50 - 200	6", 8"	10"
9TNLC	700 - 1400	1100	40 - 200	6", 8"	10"
9TNHC	800 - 1600	1300	50 - 200	6", 8"	10"
11CSLC	800 - 1760	1300	75 - 200	6", 8"	12"

Model 5CSLC 316SS Submersible Pump

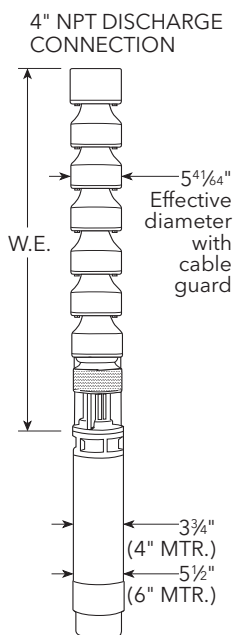


SPECIFICATIONS

- Minimum Well Size:** 6"
- Available Discharge Size:** 4"
- Available Motor Size:** 6"
- Maximum Pressure (Std Bolting):** 590 PSI
- Maximum Pressure (Double Bolting):** N/A
- Thrust Factor:** 1.4 lbs/ft.
- Specific Speed:** 2197
- One Stage Length (6" mtr.):** 18.25"
- Add stage Length:** 4.63"
- One Stage Weight (6" mtr.):** 49 lbs
- Add Stage Weight:** 13 lbs

NOTES:

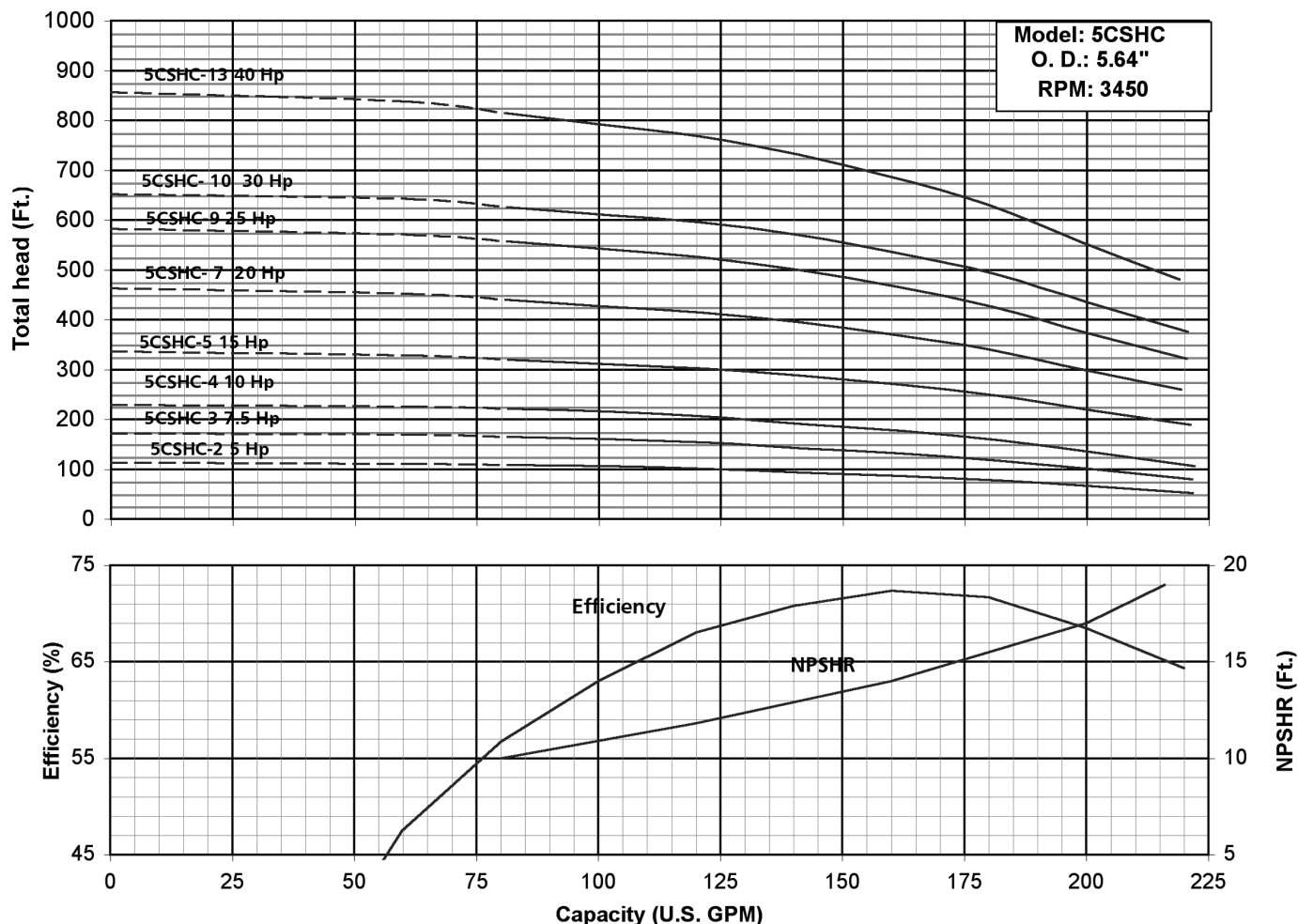
1. Solid line is recommended operating range.
2. For intermediate horsepower pumps consult factory.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 5CSHC 316 SS Submersible Pump

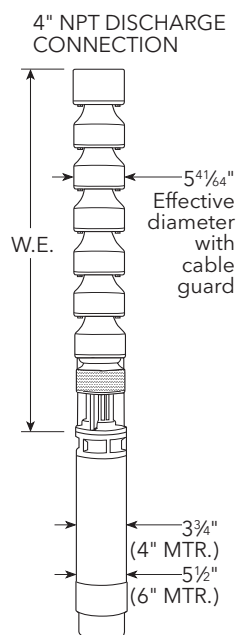


SPECIFICATIONS

- Minimum Well Size:** 6"
- Available Discharge Size:** 4"
- Available Motor Size:** 6"
- Maximum Pressure (Std Bolting):** 590 PSI
- Maximum Pressure (Double Bolting):** N/A
- Thrust Factor:** 1.4 lbs/ft.
- Specific Speed:** 2432
- One Stage Length (6" mtr.):** 18.25"
- Add stage Length:** 4.63"
- One Stage Weight (6" mtr.):** 49 lbs
- Add Stage Weight:** 13 lbs

NOTES:

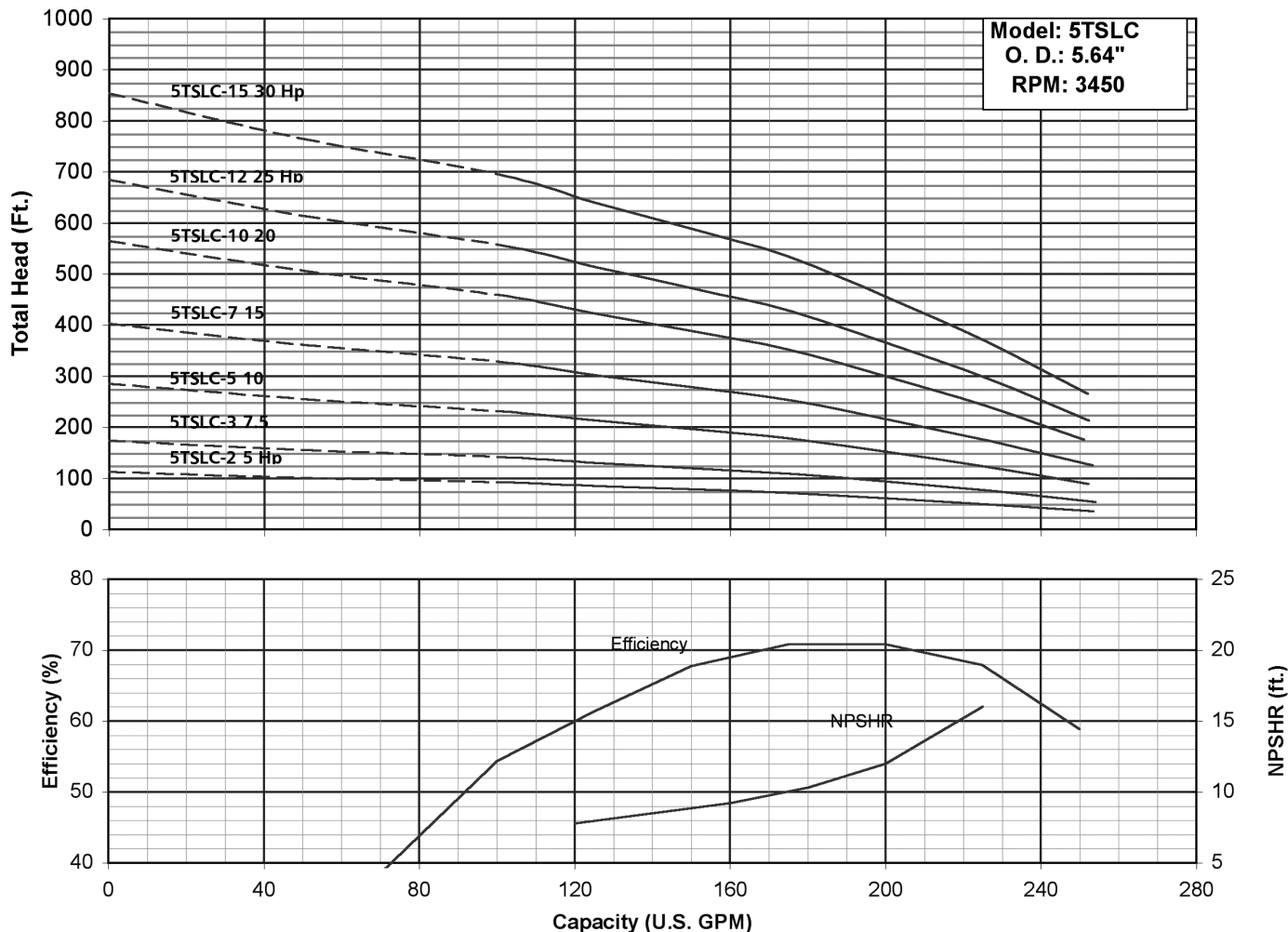
1. Solid line is recommended operating range.
2. For intermediate horsepower pumps consult factory.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 CL. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 5TSLC 316SS Submersible Pump

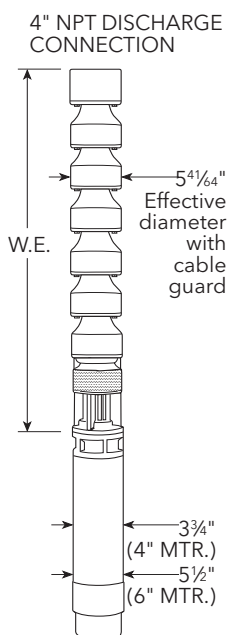


SPECIFICATIONS

- Minimum Well Size:** 6"
- Available Discharge Size:** 4"
- Available Motor Size:** 6"
- Maximum Pressure (Std Bolting):** 590 PSI
- Maximum Pressure (Double Bolting):** N/A
- Thrust Factor:** 2.36 lbs/ft.
- Specific Speed:** 3642
- One Stage Length (6" mtr.):** 18.44"
- Add stage Length:** 4.81"
- One Stage Weight (6" mtr.):** 49 lbs
- Add Stage Weight:** 13 lbs

NOTES:

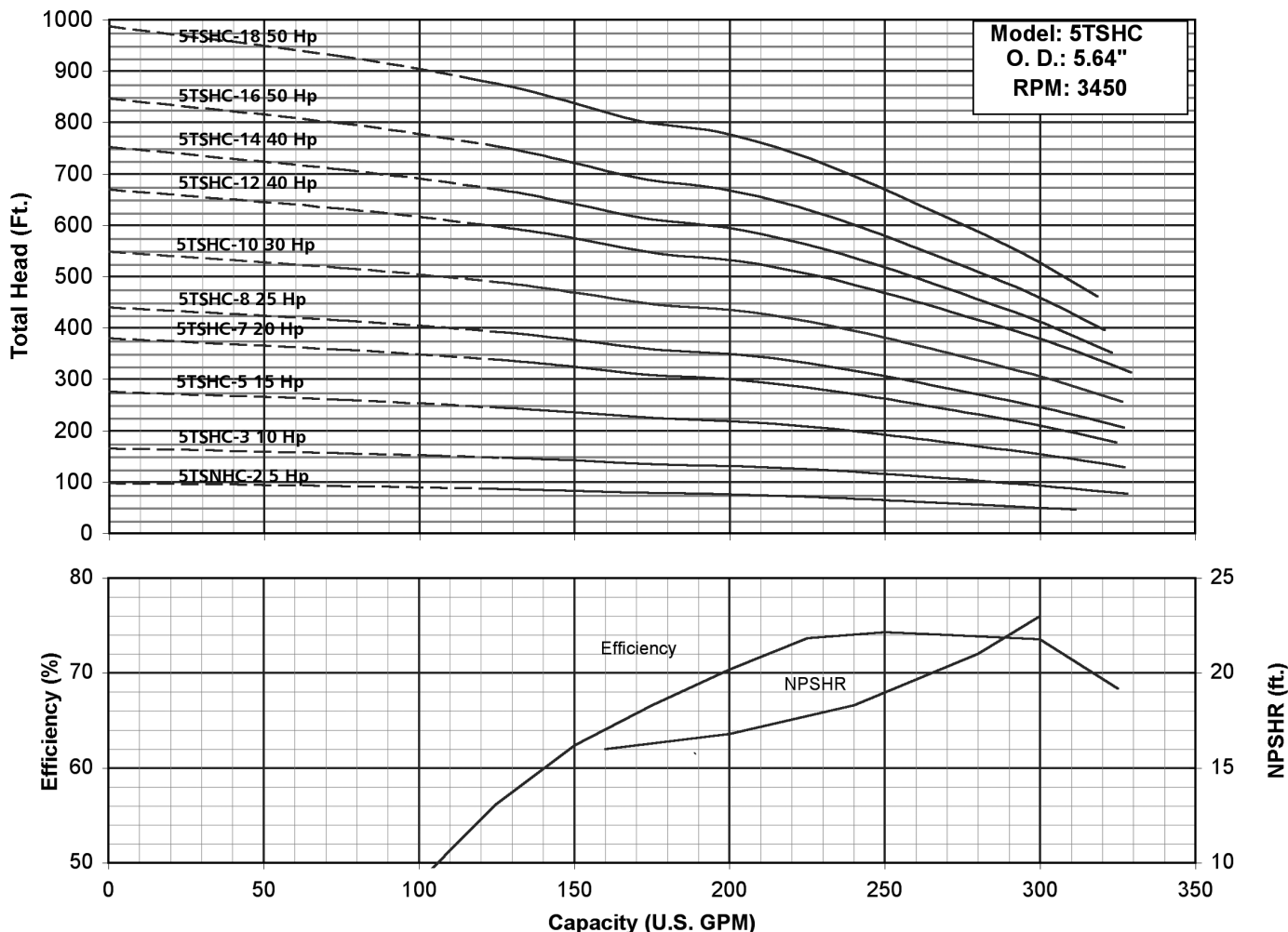
1. Solid line is recommended operating range.
2. For intermediate horsepower pumps consult factory.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 5TSHC 316 SS Submersible Pump

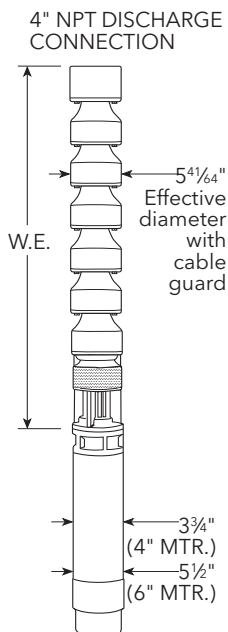


SPECIFICATIONS

- Minimum Well Size:** 6"
- Available Discharge Size:** 4"
- Available Motor Size:** 6"
- Maximum Pressure (Std Bolting):** 590 PSI
- Maximum Pressure (Double Bolting):** N/A
- Thrust Factor:** 2.36 lbs/ft.
- Specific Speed:** 3655
- One Stage Length (6" mtr.):** 18.44"
- Add stage Length:** 4.81"
- One Stage Weight (6" mtr.):** 49 lbs
- Add Stage Weight:** 13 lbs

NOTES:

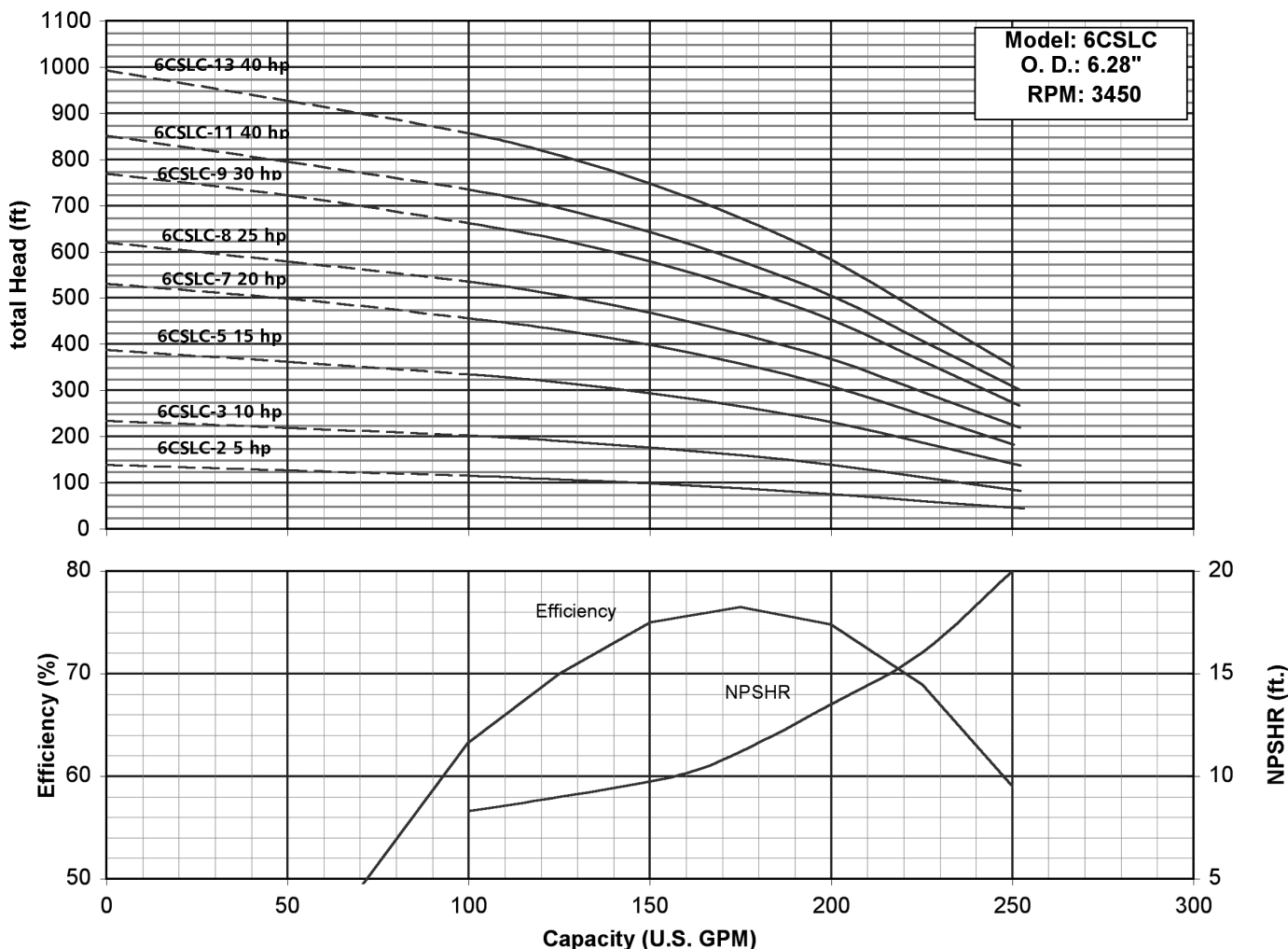
- Solid line is recommended operating range.
- For intermediate horsepower pumps consult factory.
- 50 HP performance curve based on using 6" motor. Consult factory if you want 8" motor.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 6CSLC 316SS Submersible Pump

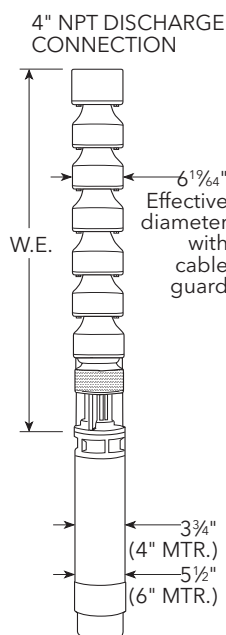


SPECIFICATIONS

- Minimum Well Size:** 8"
- Available Discharge Size:** 4"
- Available Motor Size:** 6"
- Maximum Pressure (Std Bolting):** 470 PSI
- Maximum Pressure (Double Bolting):** 490 PSI
- Thrust Factor:** 2.1 lbs/ft.
- Specific Speed:** 2476
- One Stage Length (6" mtr.):** 19.40"
- Add stage Length:** 5.13"
- One Stage Weight (6" mtr.):** 55 lbs
- Add Stage Weight:** 17 lbs

NOTES:

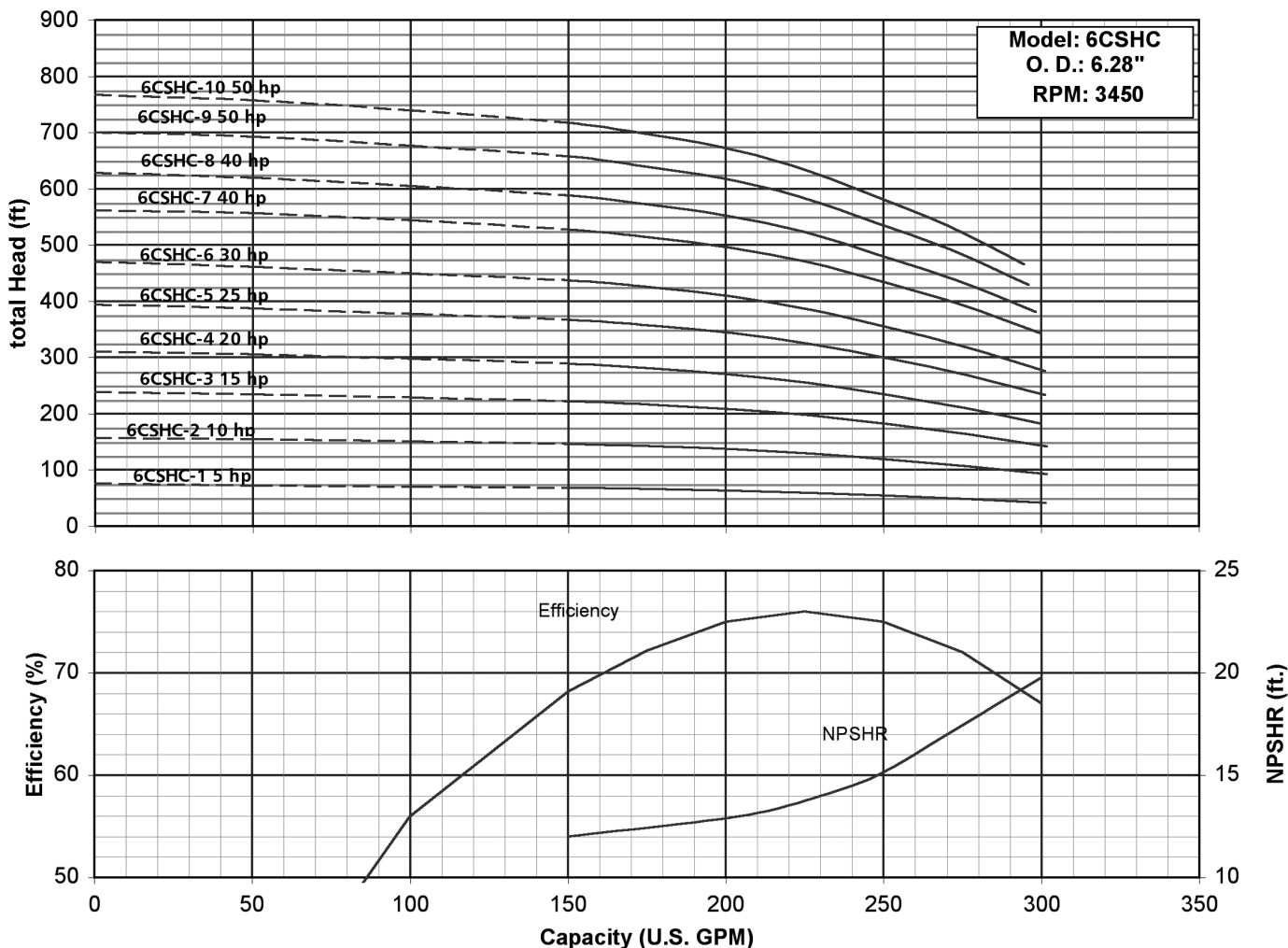
1. Solid line is recommended operating range.
2. For intermediate horsepower pumps consult factory.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 6CSHC 316 SS Submersible Pump

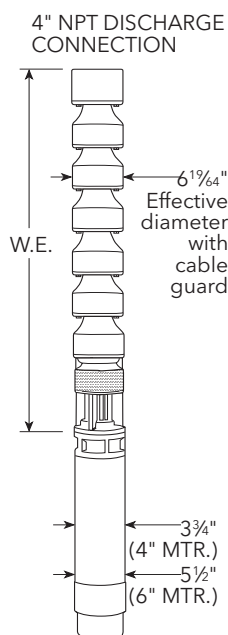


SPECIFICATIONS

- Minimum Well Size:** 8"
- Available Discharge Size:** 4"
- Available Motor Size:** 6"
- Maximum Pressure (Std Bolting):** 470 PSI
- Maximum Pressure (Double Bolting):** 490 PSI
- Thrust Factor:** 2.1 lbs/ft.
- Specific Speed:** 2458
- One Stage Length (6" mtr.):** 19.40"
- Add stage Length:** 5.13"
- One Stage Weight (6" mtr.):** 55 lbs
- Add Stage Weight:** 17 lbs

NOTES:

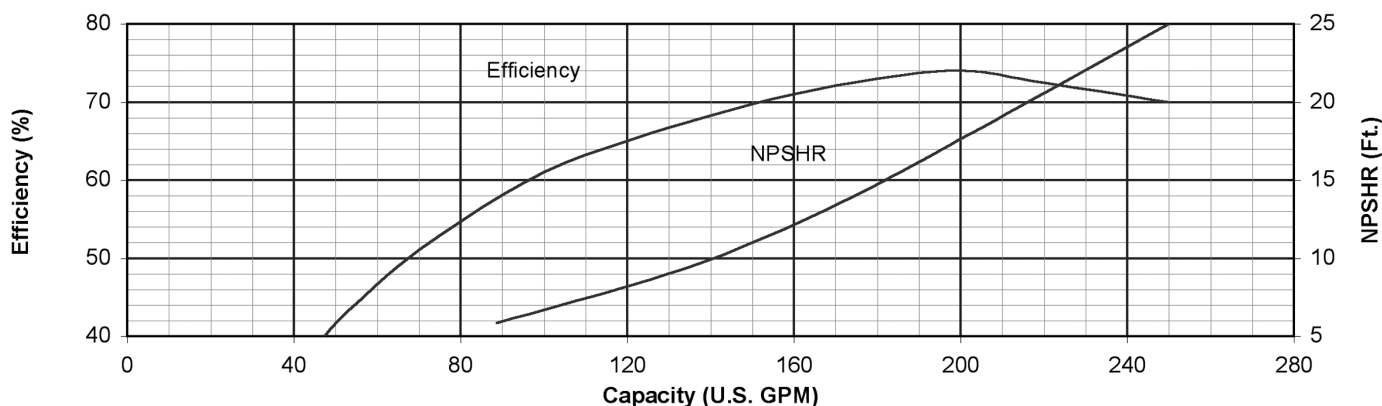
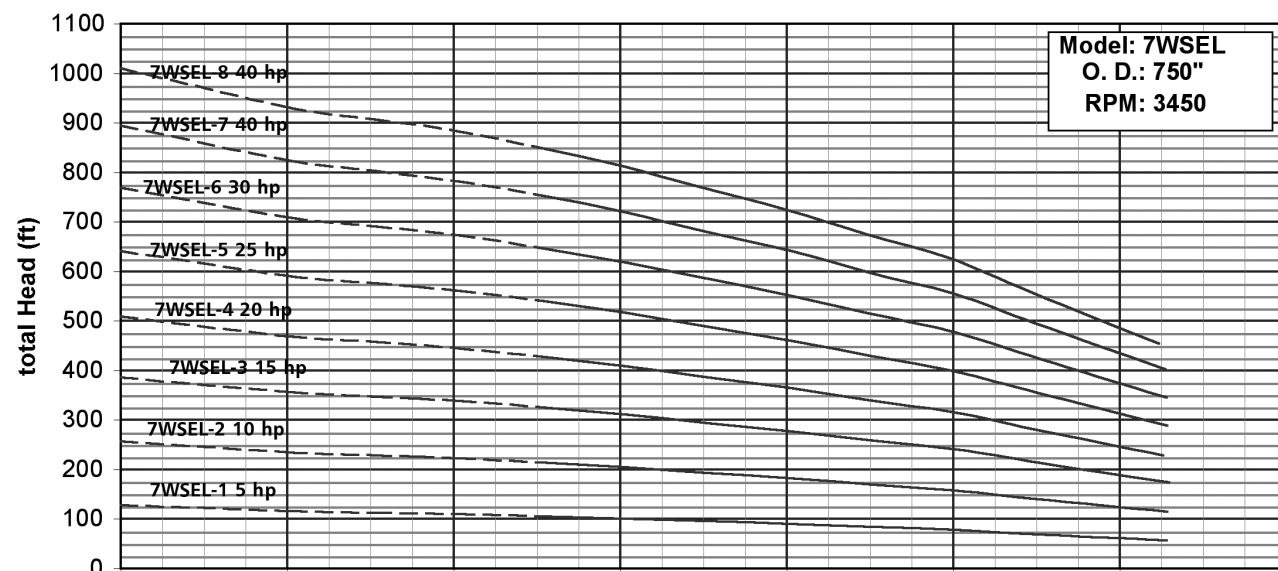
- Solid line is recommended operating range.
- For intermediate horsepower pumps consult factory.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 7WSEL 316SS Submersible Pump

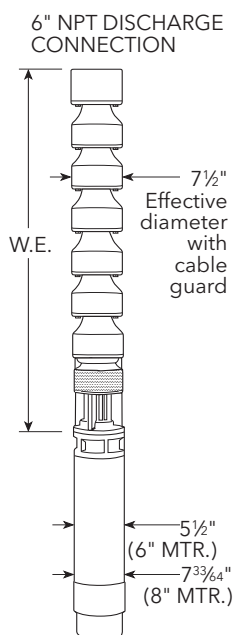


SPECIFICATIONS

- Minimum Well Size:** 8"
- Available Discharge Size:** 4" and 6"
- Available Motor Size:** 6" and 8"
- Maximum Pressure (Std Bolting):** 450 PSI
- Maximum Pressure (Double Bolting):** 780 PSI
- Thrust Factor:** 2.0 lbs/ft.
- Specific Speed:** 1841
- One Stage Length (6" mtr.):** 22.00"
- One stage Length (8" mtr.):** 23.69"
- Add stage Length:** 5.50"
- One Stage Weight (6" mtr.):** 68 lbs
- One Stage Weight (8" mtr.):** 80 lbs
- Add Stage Weight:** 30 lbs

NOTES:

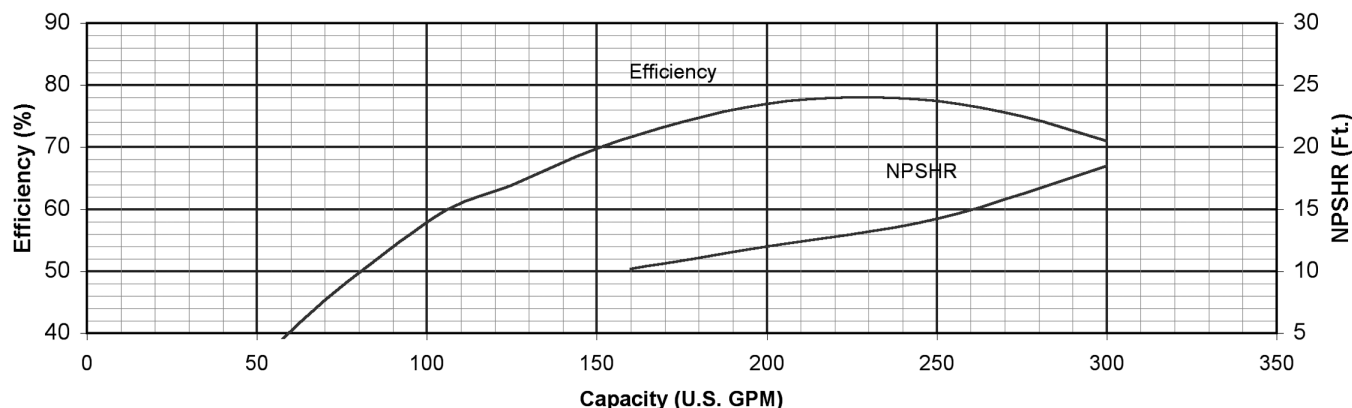
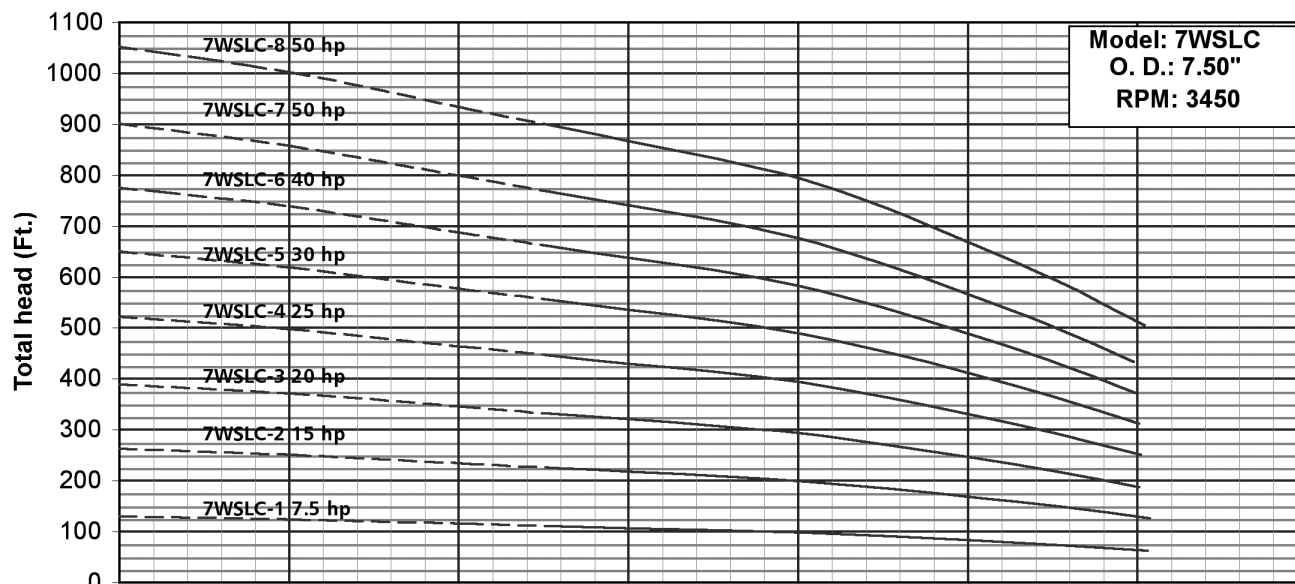
1. Solid line is recommended operating range.
2. For intermediate horsepower pumps consult factory.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 7WSLC 316 SS Submersible Pump

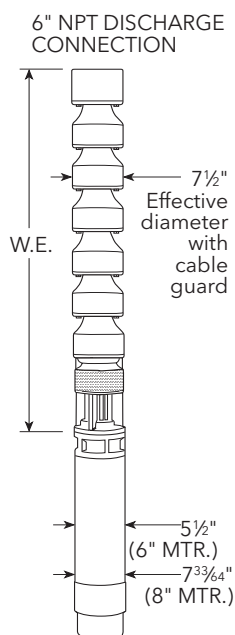


SPECIFICATIONS

- Minimum Well Size:** 8"
- Available Discharge Size:** 4" and 6"
- Available Motor Size:** 6" and 8"
- Maximum Pressure (Std Bolting):** 450 PSI
- Maximum Pressure (Double Bolting):** 780 PSI
- Thrust Factor:** 2.63 lbs/ft.
- Specific Speed:** 1853
- One Stage Length (6" mtr.):** 22.00"
- One Stage Length (8" mtr.):** 23.69"
- Add stage Length:** 5.50"
- One Stage Weight (6" mtr.):** 68 lbs
- One Stage Weight (8" mtr.):** 80 lbs
- Add Stage Weight:** 30 lbs

NOTES:

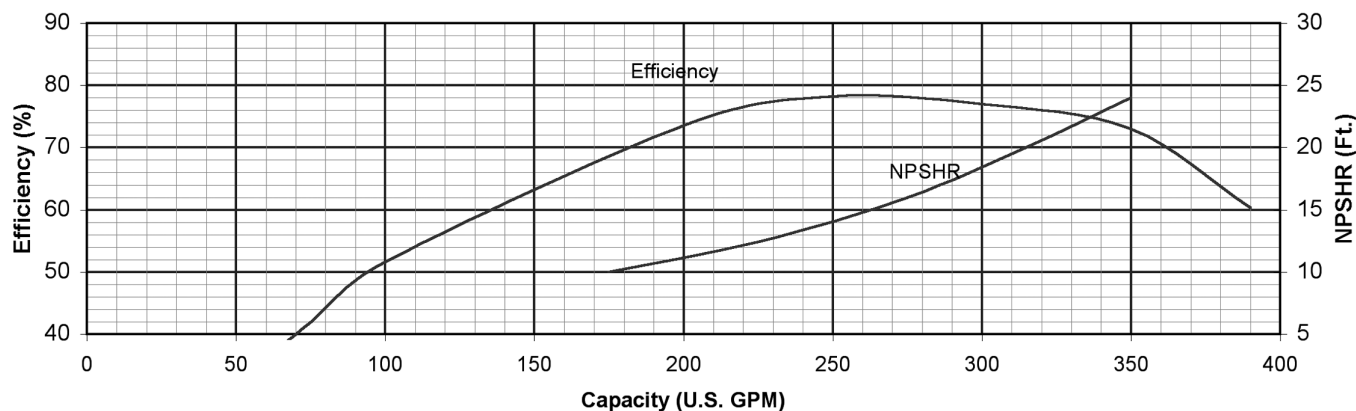
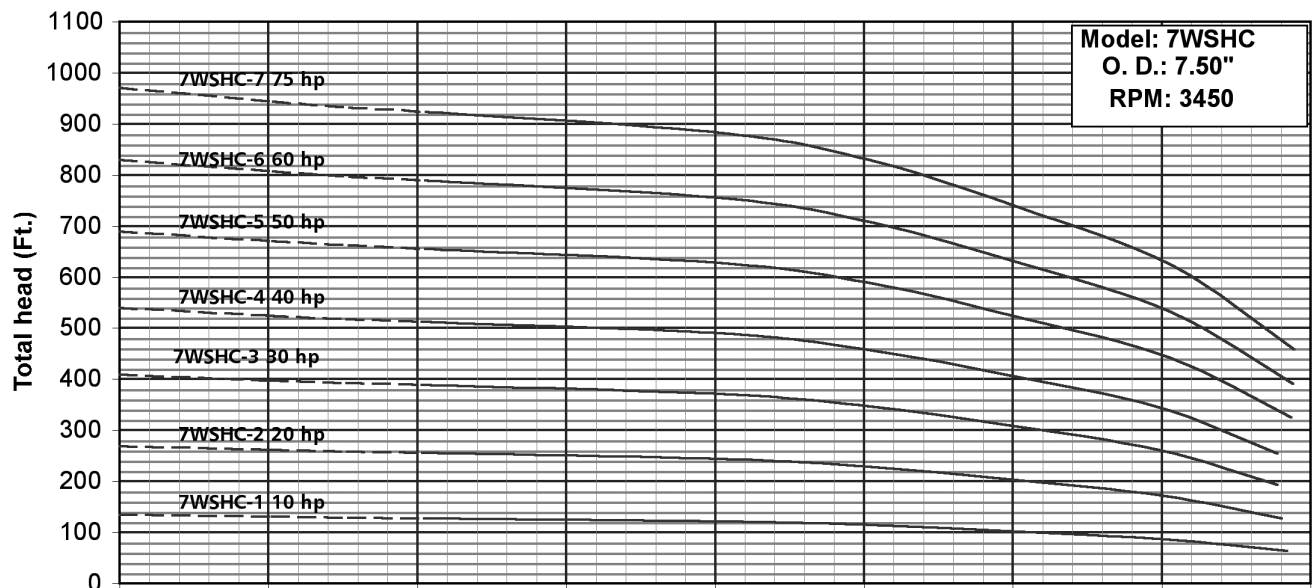
1. Solid line is recommended operating range.
2. For intermediate horsepower pumps consult factory.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 7WSHC 316 SS Submersible Pump

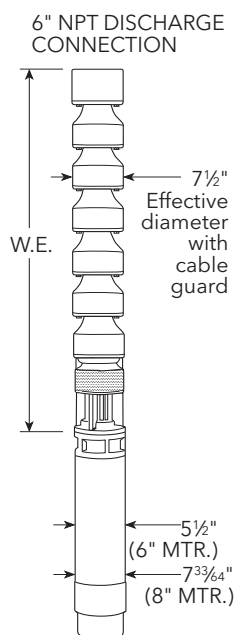


SPECIFICATIONS

- Minimum Well Size:** 8"
- Available Discharge Size:** 4" and 6"
- Available Motor Size:** 6" and 8"
- Maximum Pressure (Std Bolting):** 450 PSI
- Maximum Pressure (Double Bolting):** 780 PSI
- Thrust Factor:** 2.63 lbs/ft.
- Specific Speed:** 1683
- One Stage Length (6" mtr.):** 22.00"
- One Stage Length (8" mtr.):** 23.69"
- Add stage Length:** 5.50"
- One Stage Weight (6" mtr.):** 68 lbs
- One Stage Weight (8" mtr.):** 80 lbs
- Add Stage Weight:** 30 lbs

NOTES:

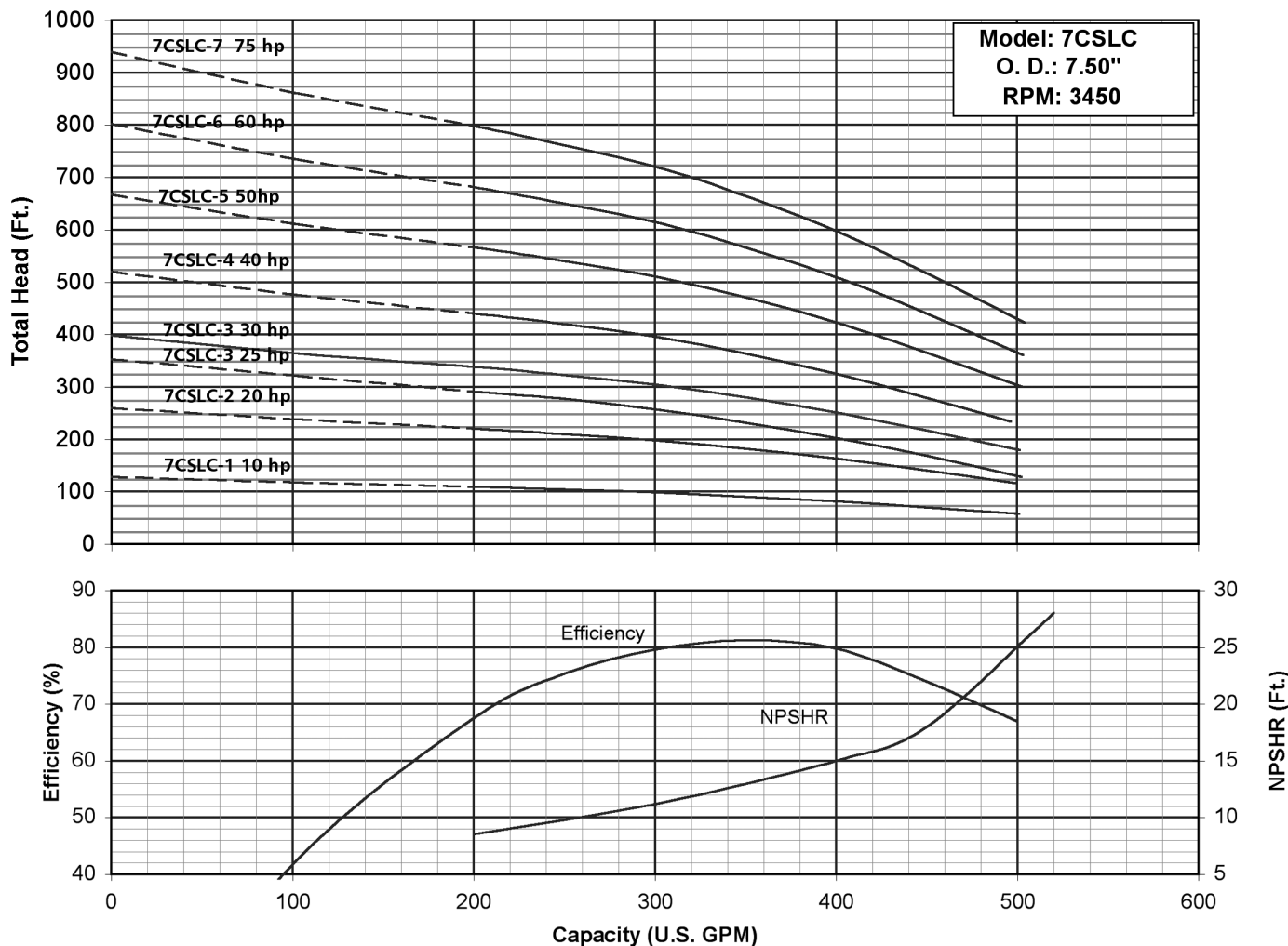
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MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 7CSLC 316SS Submersible Pump

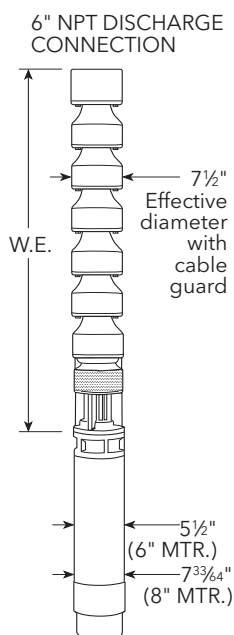


SPECIFICATIONS

- Minimum Well Size:** 8"
- Available Discharge Size:** 4" and 6"
- Available Motor Size:** 6" and 8"
- Maximum Pressure(Std Bolting):** 450 PSI
- Maximum Pressure (Double Bolting):** 780 PSI
- Thrust Factor:** 3.5 lbs/ft.
- Specific Speed:** 2183
- One Stage Length (6" mtr.):** 22.88"
- One stage Length (8" mtr.):** 24.56"
- Add stage Length:** 6.38"
- One Stage Weight (6" mtr.):** 75 lbs
- One Stage Weight (8" mtr.):** 87 lbs
- Add Stage Weight:** 28 lbs

NOTES:

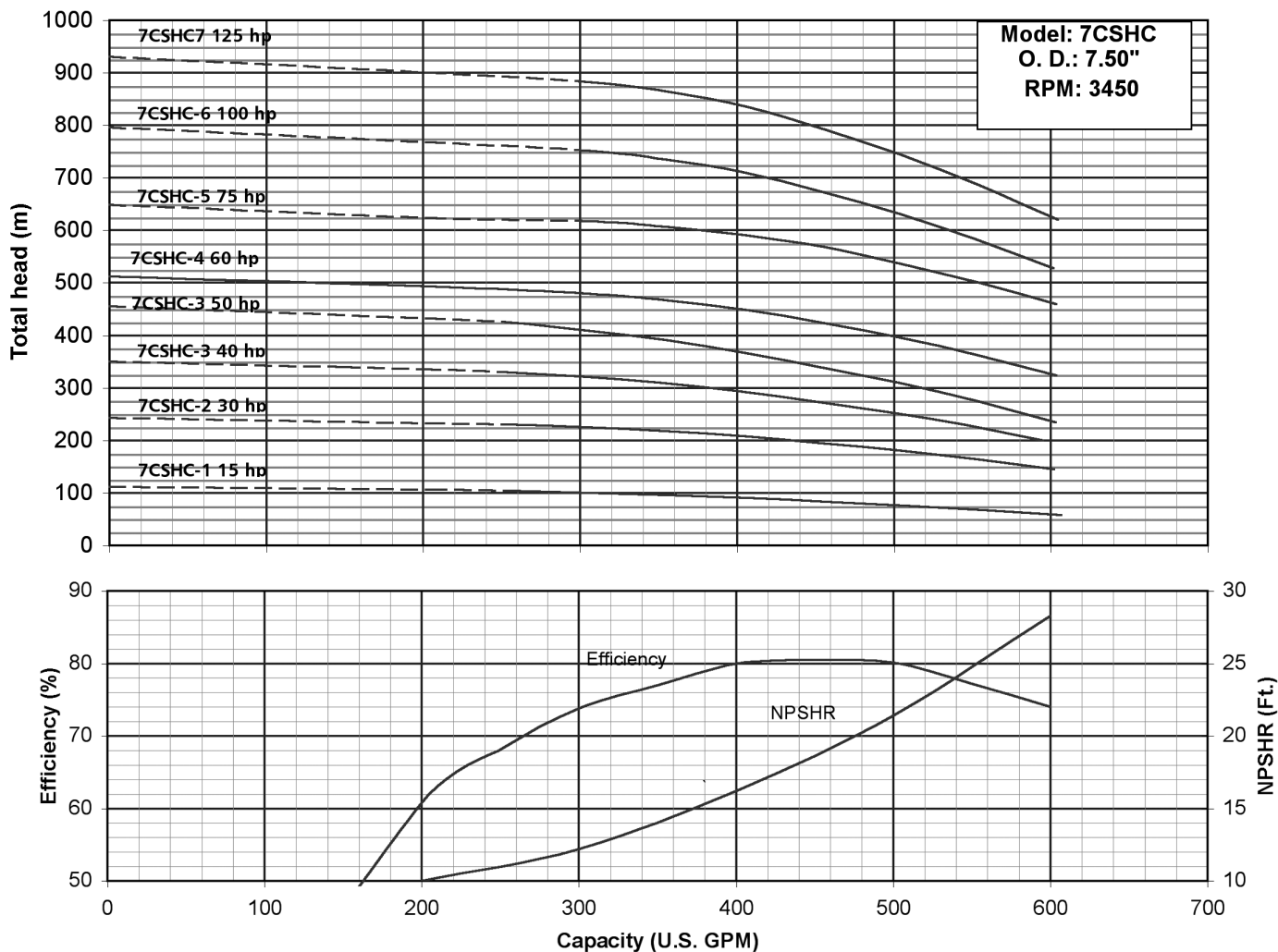
1. Solid line is recommended operating range.
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MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 7CSHC 316 SS Submersible Pump

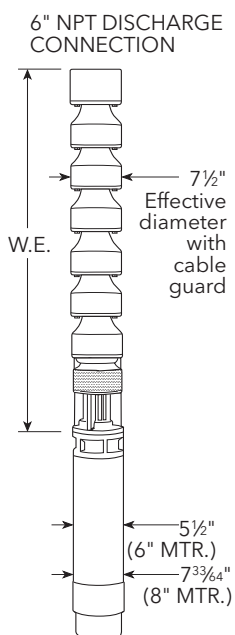


SPECIFICATIONS

- Minimum Well Size:** 8"
- Available Discharge Size:** 4" and 6"
- Available Motor Size:** 6" and 8"
- Maximum Pressure (Std Bolting):** 450 PSI
- Maximum Pressure (Double Bolting):** 780 PSI
- Thrust Factor:** 3.5 lbs/ft.
- Specific Speed:** 2195
- One Stage Length (6" mtr.):** 22.88"
- One Stage Length (8" mtr.):** 24.56"
- Add stage Length:** 6.38"
- One Stage Weight (6" mtr.):** 75 lbs
- One Stage Weight (8" mtr.):** 87 lbs
- Add Stage Weight:** 28 lbs

NOTES:

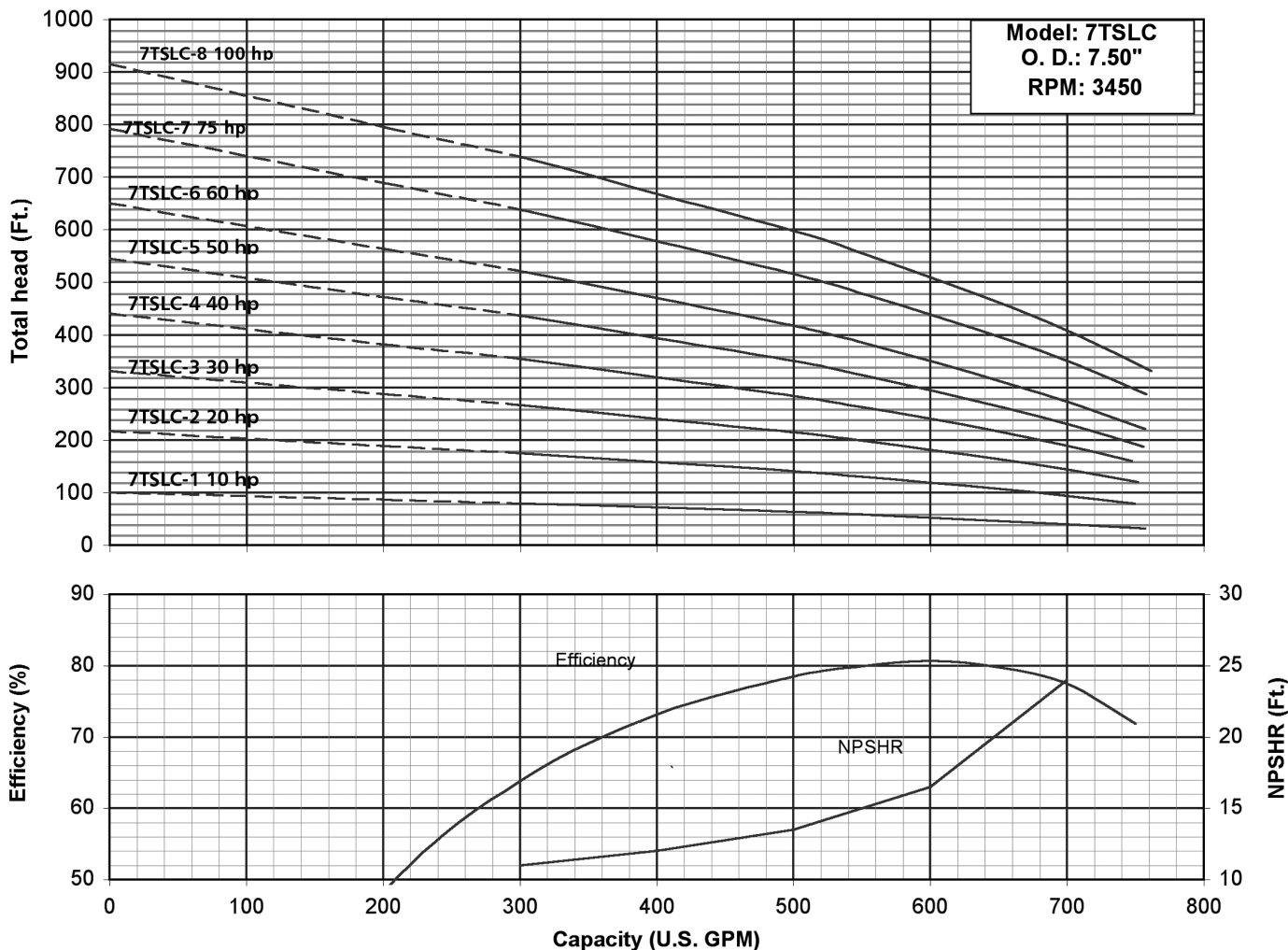
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MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 7TSLC 316SS Submersible Pump

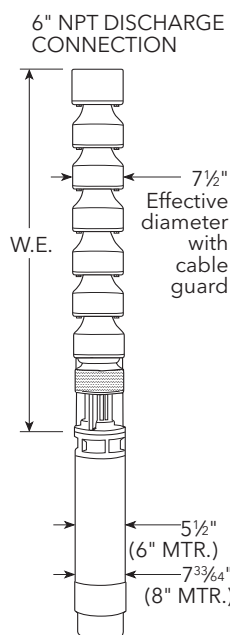


SPECIFICATIONS

- Minimum Well Size:** 8"
- Available Discharge Size:** 4" and 6"
- Available Motor Size:** 6" and 8"
- Maximum Pressure (Std Bolting):** 450 PSI
- Maximum Pressure (Double Bolting):** 770 PSI
- Thrust Factor:** 4.5 lbs/ft.
- Specific Speed:** 3466
- One Stage Length (6" mtr.):** 23.59"
- One stage Length (8" mtr.):** 25.28"
- Add stage Length:** 7.09"
- One Stage Weight (6" mtr.):** 78 lbs
- One Stage Weight (8" mtr.):** 90 lbs
- Add Stage Weight:** 31 lbs

NOTES:

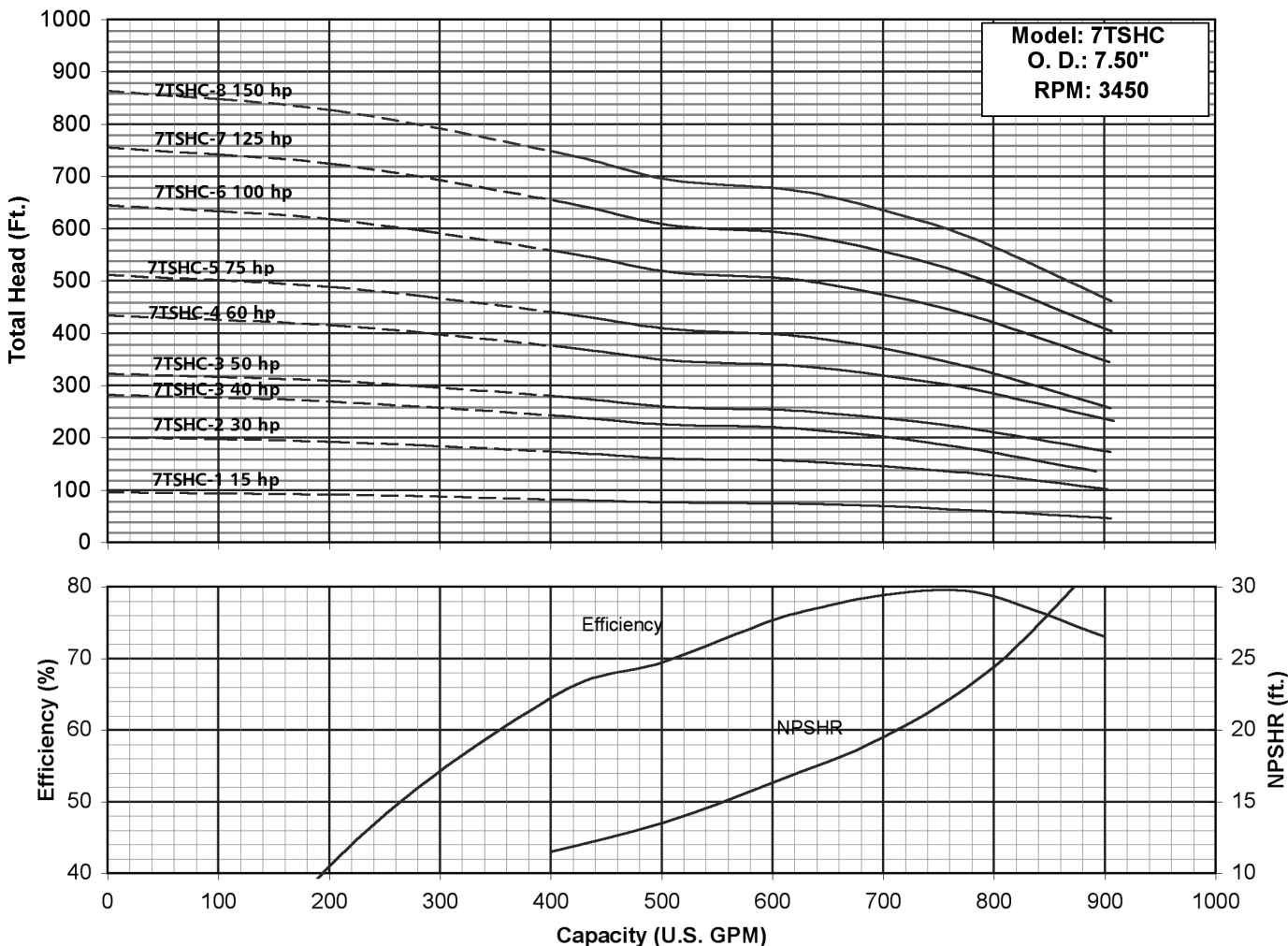
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MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 7TSHC 316 SS Submersible Pump

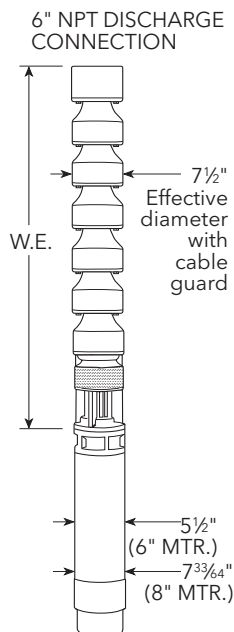


SPECIFICATIONS

- Minimum Well Size:** 8"
- Available Discharge Size:** 4" and 6"
- Available Motor Size:** 6" and 8"
- Maximum Pressure (Std Bolting):** 450 PSI
- Maximum Pressure (Double Bolting):** 770 PSI
- Thrust Factor:** 4.5 lbs/ft.
- Specific Speed:** 3503
- One Stage Length (6" mtr.):** 23.59"
- One Stage Length (8" mtr.):** 25.28"
- Add stage Length:** 7.09"
- One Stage Weight (6" mtr.):** 78 lbs
- One Stage Weight (8" mtr.):** 90 lbs
- Add Stage Weight:** 31 lbs

NOTES:

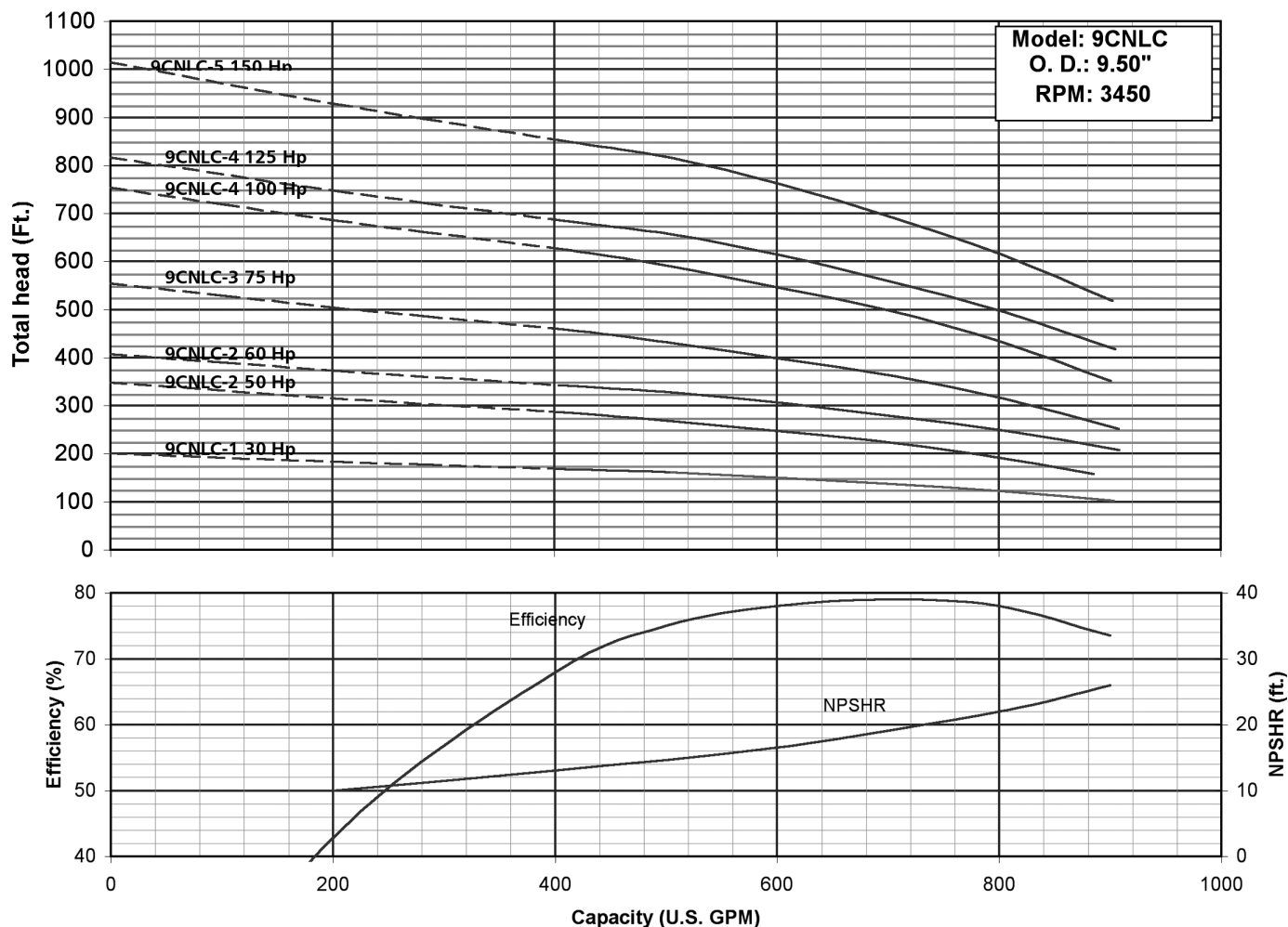
- Solid line is recommended operating range.
- For intermediate horsepower pumps consult factory.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 9CNLC 316SS Submersible Pump

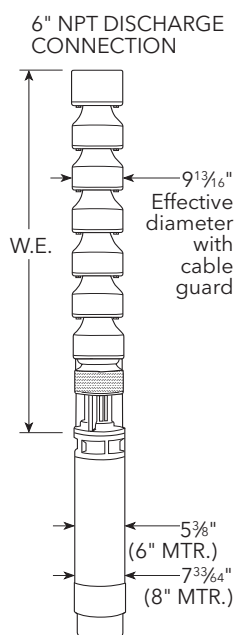


SPECIFICATIONS

- Minimum Well Size:** 10"
- Available Discharge Size:** 6"
- Available Motor Size:** 6", 8" and 10"
- Maximum Pressure(Std Bolting):** 550 PSI
- Maximum Pressure (Double Bolting):** 1100 PSI
- Thrust Factor:** 4.7 lbs/ft.
- Specific Speed:** 2241
- One Stage Length (6" mtr.):** 26.5"
- One stage Length (8" mtr.):** 28.8"
- One stage Length (10" mtr.):** 28.8"
- Add stage Length:** 8.0"
- One Stage Weight (6" mtr.):** 208 lbs
- One Stage Weight (8" mtr.):** 216 lbs
- One Stage Weight (10" mtr.):** 216 lbs
- Add Stage Weight:** 68 lbs

NOTES:

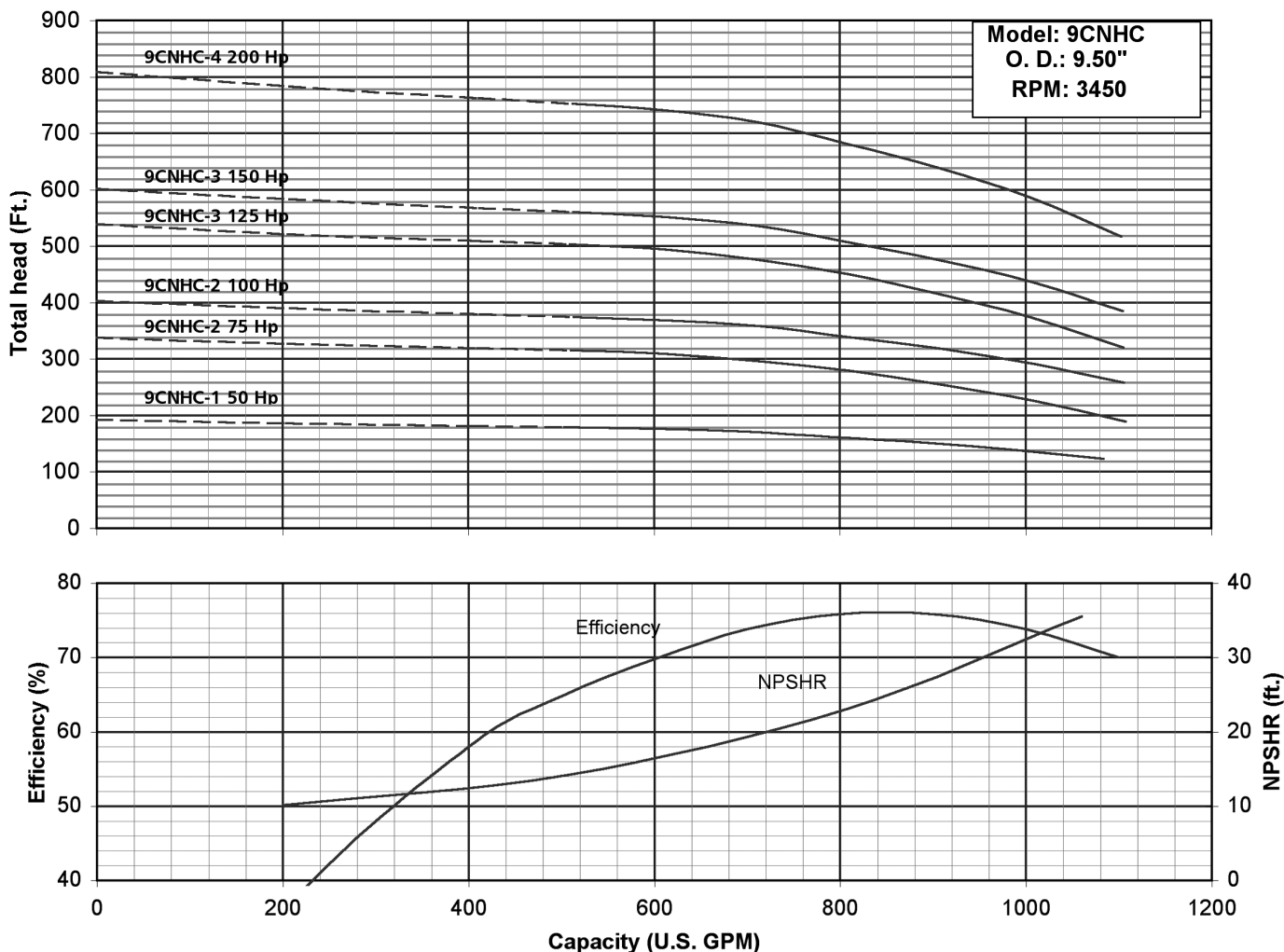
1. Solid line is recommended operating range.
2. For intermediate horsepower pumps consult factory.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 9CNHC 316 SS Submersible Pump

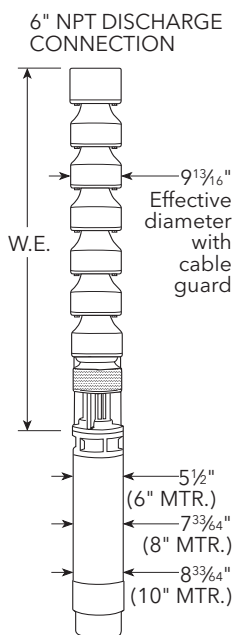


SPECIFICATIONS

- Minimum Well Size:** 10"
- Available Discharge Size:** 6"
- Available Motor Size:** 6", 8" and 10"
- Maximum Pressure(Std Bolting):** 550 PSI
- Maximum Pressure (Double Bolting):** 1100 PSI
- Thrust Factor:** 4.7 lbs/ft.
- Specific Speed:** 2214
- One Stage Length (6" mtr.):** 26.5"
- One Stage Length (8" mtr.):** 28.8"
- One Stage Length (10" mtr.):** 28.8"
- Add stage Length:** 8.0"
- One Stage Weight (6" mtr.):** 208 lbs
- One Stage Weight (8" mtr.):** 216 lbs
- One Stage Weight (10" mtr.):** 216 lbs
- Add Stage Weight:** 68 lbs

NOTES:

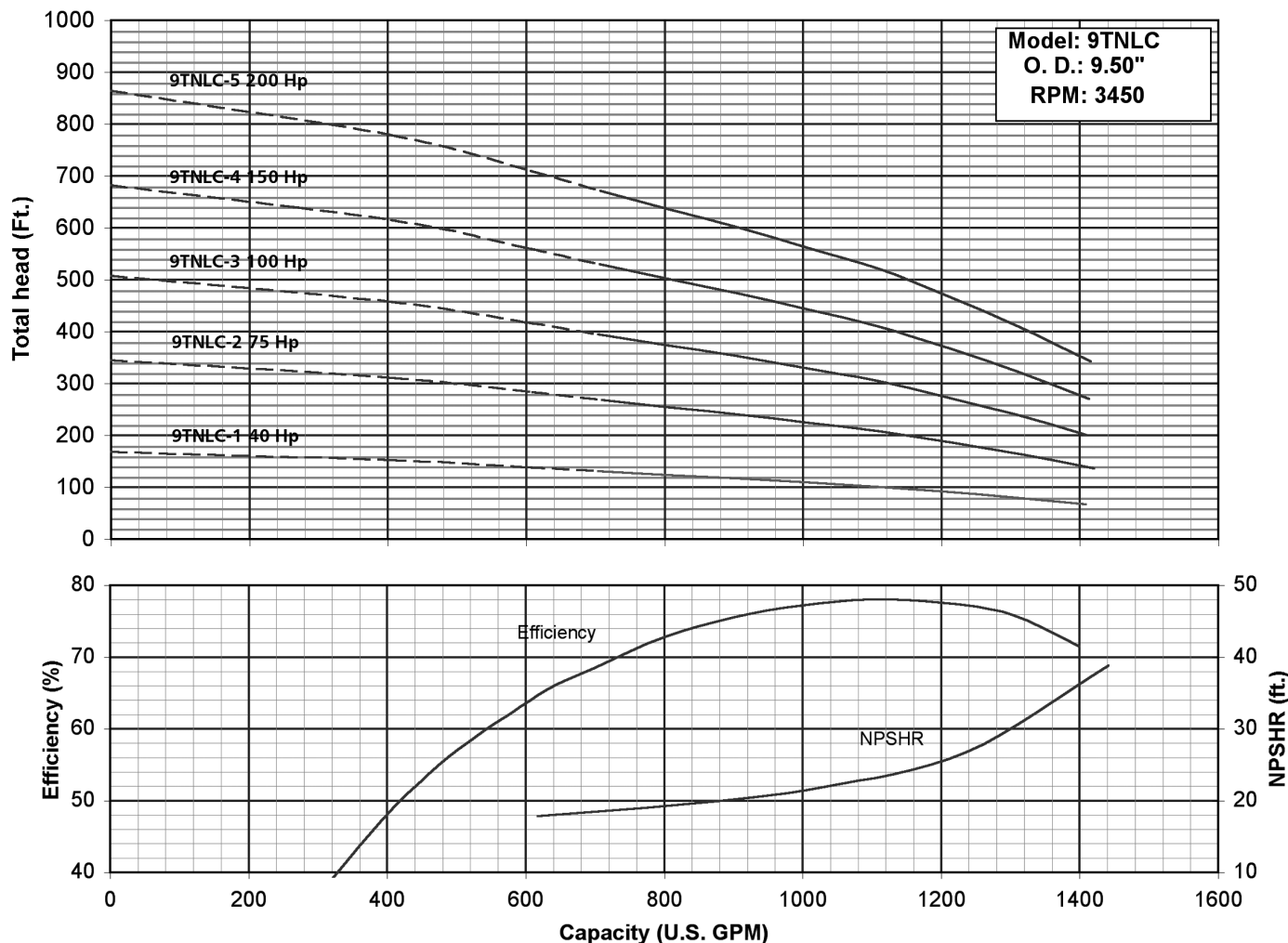
1. Solid line is recommended operating range.
2. For intermediate horsepower pumps consult factory.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 9TNLC 316SS Submersible Pump

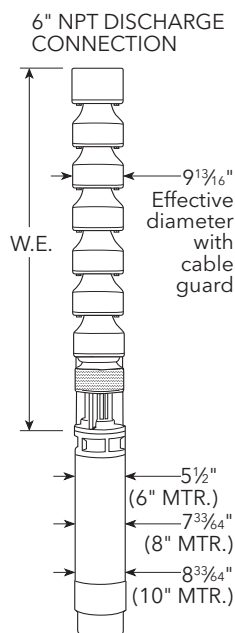


SPECIFICATIONS

- Minimum Well Size:** 10"
- Available Discharge Size:** 6"
- Available Motor Size:** 6", 8" and 10"
- Maximum Pressure (Std Bolting):** 550 PSI
- Maximum Pressure (Double Bolting):** 1100 PSI
- Thrust Factor:** 8.6 lbs/ft.
- Specific Speed:** 3552
- One Stage Length (6" mtr.):** 27.5"
- One stage Length (8" mtr.):** 29.8"
- One stage Length (10" mtr.):** 29.8"
- Add stage Length:** 9.0"
- One Stage Weight (6" mtr.):** 214 lbs
- One Stage Weight (8" mtr.):** 222 lbs
- One Stage Weight (10" mtr.):** 222 lbs
- Add Stage Weight:** 74 lbs

NOTES:

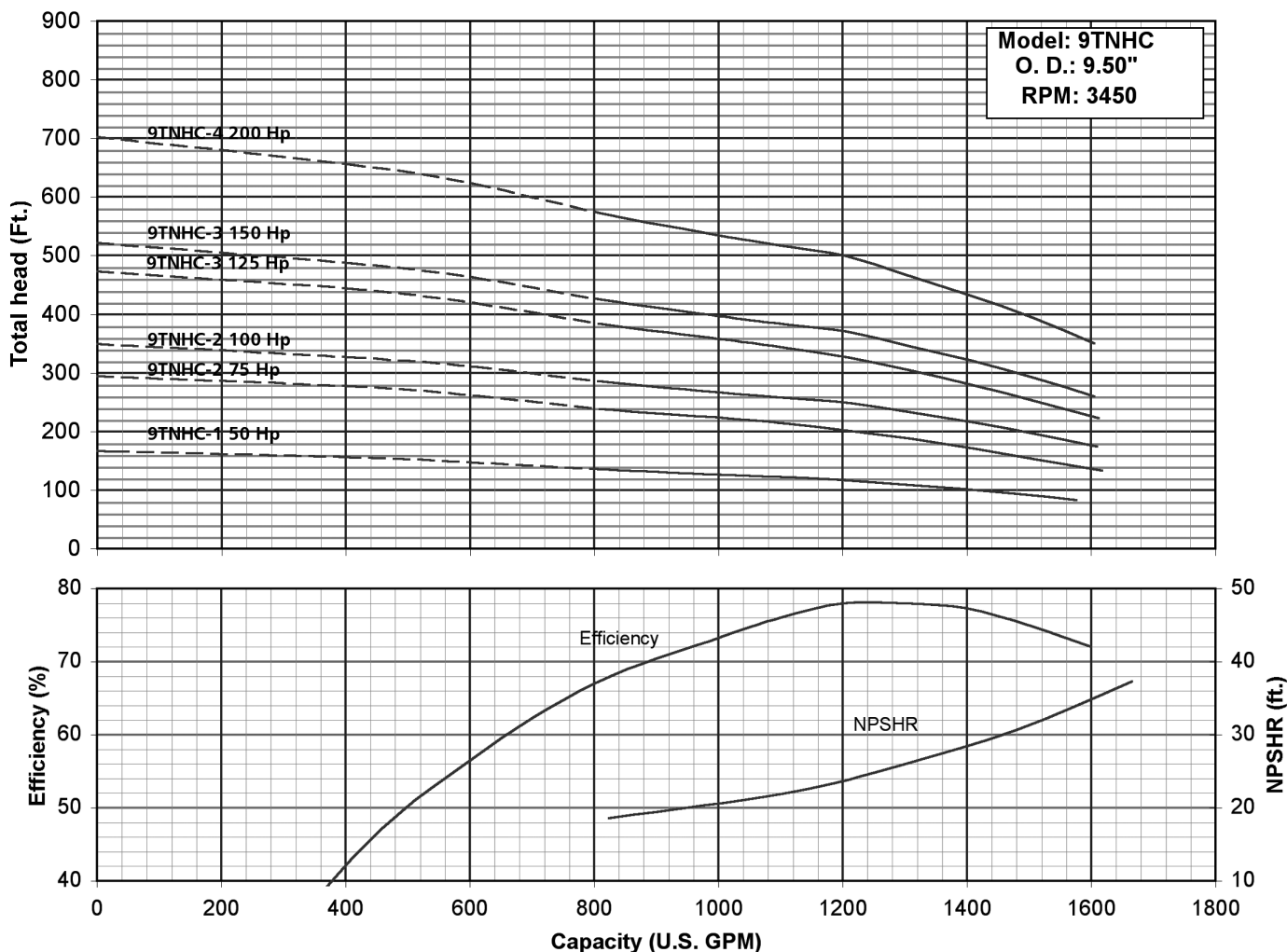
1. Solid line is recommended operating range.
2. For intermediate horsepower pumps consult factory.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 9TNHC 316 SS Submersible Pump

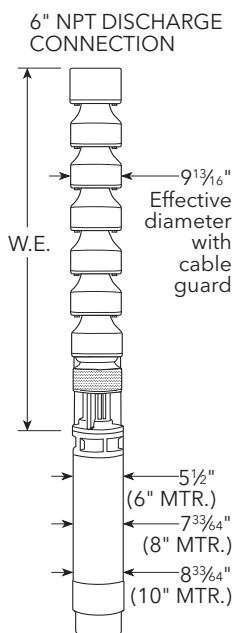


SPECIFICATIONS

- Minimum Well Size:** 10"
- Available Discharge Size:** 6"
- Available Motor Size:** 6", 8" and 10"
- Maximum Pressure (Std Bolting):** 550 PSI
- Maximum Pressure (Double Bolting):** 1100 PSI
- Thrust Factor:** 8.6 lbs/ft.
- Specific Speed:** 3474
- One Stage Length (6" mtr.):** 27.5"
- One Stage Length (8" mtr.):** 29.8"
- One Stage Length (10" mtr.):** 29.8"
- Add stage Length:** 9.0"
- One Stage Weight (6" mtr.):** 214 lbs
- One Stage Weight (8" mtr.):** 222 lbs
- One Stage Weight (10" mtr.):** 222 lbs
- Add Stage Weight:** 74 lbs

NOTES:

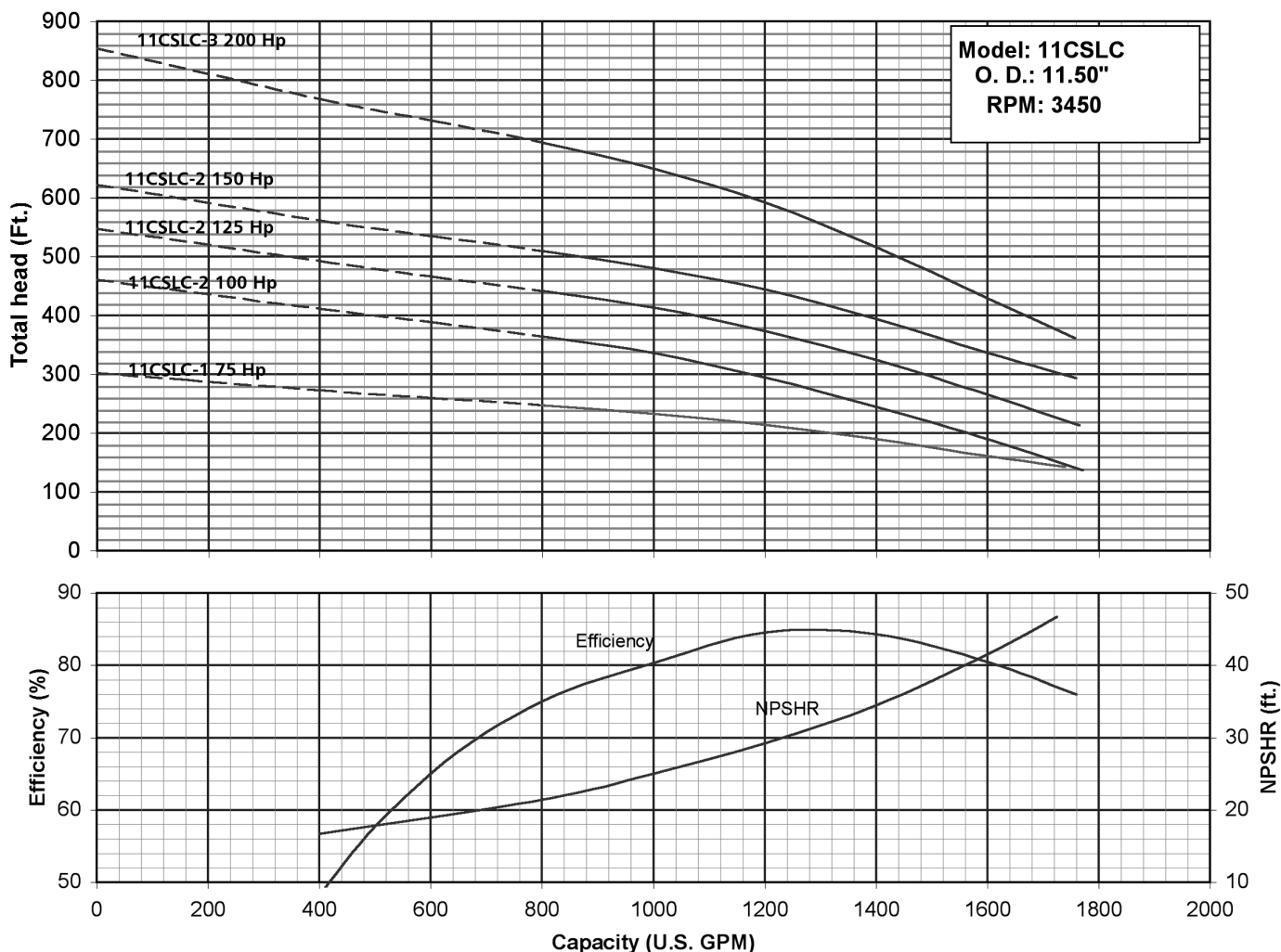
1. Solid line is recommended operating range.
2. For intermediate horsepower pumps consult factory.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Model 11CSLC 316SS Submersible Pump



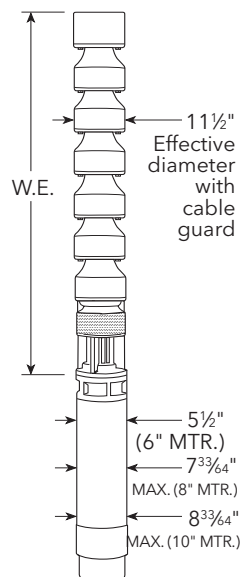
SPECIFICATIONS

- Minimum Well Size:** 12"
- Available Discharge Size:** 6" and 8"
- Available Motor Size:** 8" and 10"
- Maximum Pressure (Std Bolting):** 550 PSI
- Maximum Pressure (Double Bolting):** N/A
- Thrust Factor:** 7.1 lbs/ft.
- Specific Speed:** 2255
- One stage Length (8" mtr.):** 28.20"
- One stage Length (10" mtr.):** 28.20"
- Add stage Length:** 9.8"
- One Stage Weight (8" mtr.):** 356 lbs
- One Stage Weight (10" mtr.):** 356 lbs
- Add Stage Weight:** 125 lbs

NOTES:

1. Solid line is recommended operating range.
2. For intermediate horsepower pumps consult factory.

6" OR 8" NPT DISCHARGE CONNECTION



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 S31600
Coupling	ASTM A582 S31600
Suction Adapter	ASTM A744 CF8M
Suction Bearing	Thermoplastic
Impeller	ASTM A744 CF8M
Taperlock	ASTM A582 S31600
Intermediate Bowl	ASTM A744 CF8M
Intermediate Bowl Bearing	Thermoplastic
Intermediate Bowl Bearing	Rubber (Optional)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	Thermoplastic
Fasteners	ASTM F593 S31600
Cable Guard	ASTM A240 S31600
Suction Strainer	ASTM A240 S31600

Notes

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- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

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