

SUBMERSIBLE TURBINE PUMPS

8" SR SERIES



FEATURES

- Stainless steel impellers and diffusers to resist corrosion
- Heavy-duty stainless steel shell assures permanent alignment of all components to increase longevity and enables higher pressures than strap designs
- PTFE floating wear ring, ceramic bearing journal, and nitrile rubber fluted bearing ensure durability against wear for long-lasting performance and reliability
- Suited to operate in horizontal position
- Built-in check valve to protect the pump against water hammer
- Energy-efficient hydraulic design for cost effective operation
- Space-saving compact design
- 140 °F/60 °C (304 stainless steel) and 194 °F/90 °C (316 stainless steel) maximum operating temperature



SPECIFICATIONS

- Capacities to 650 gpm
- Heads to 1300 feet
- Efficiencies to 80%

APPLICATIONS

- Industrial
- Agricultural
- Irrigation
- Commercial

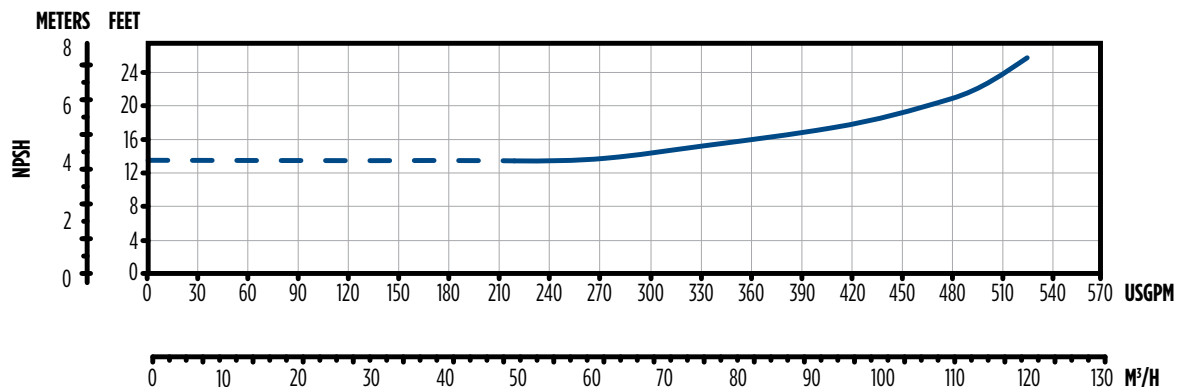
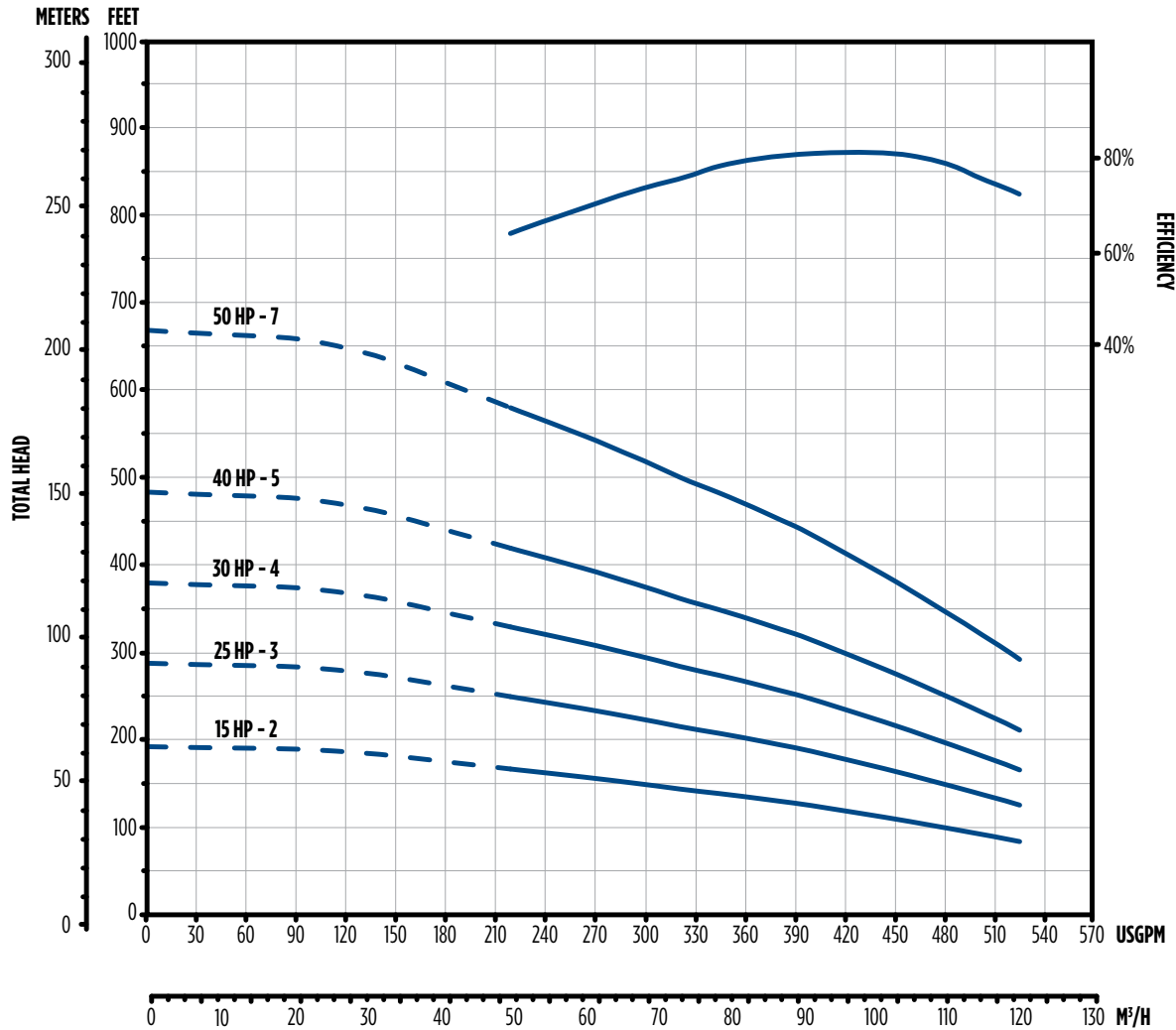
SUBMERSIBLE TURBINE PUMPS

8" SR SERIES



PERFORMANCE

400 GPM



— RECOMMENDED OPERATING RANGE

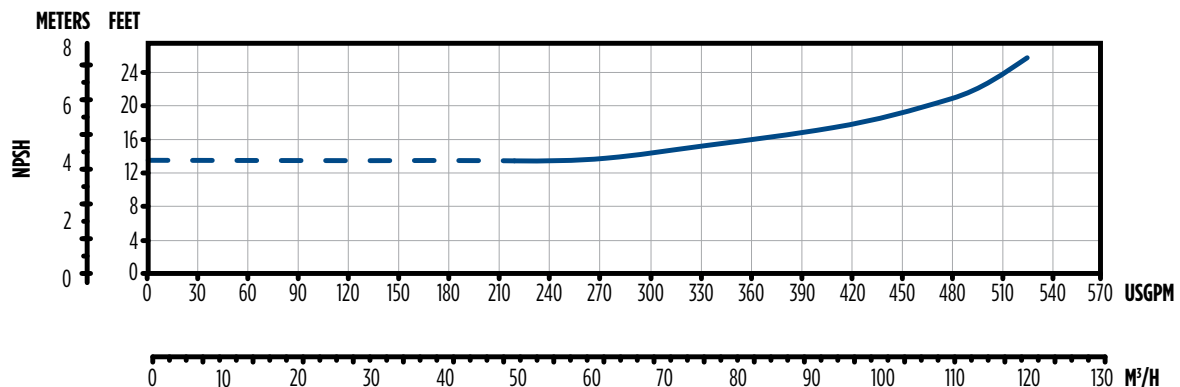
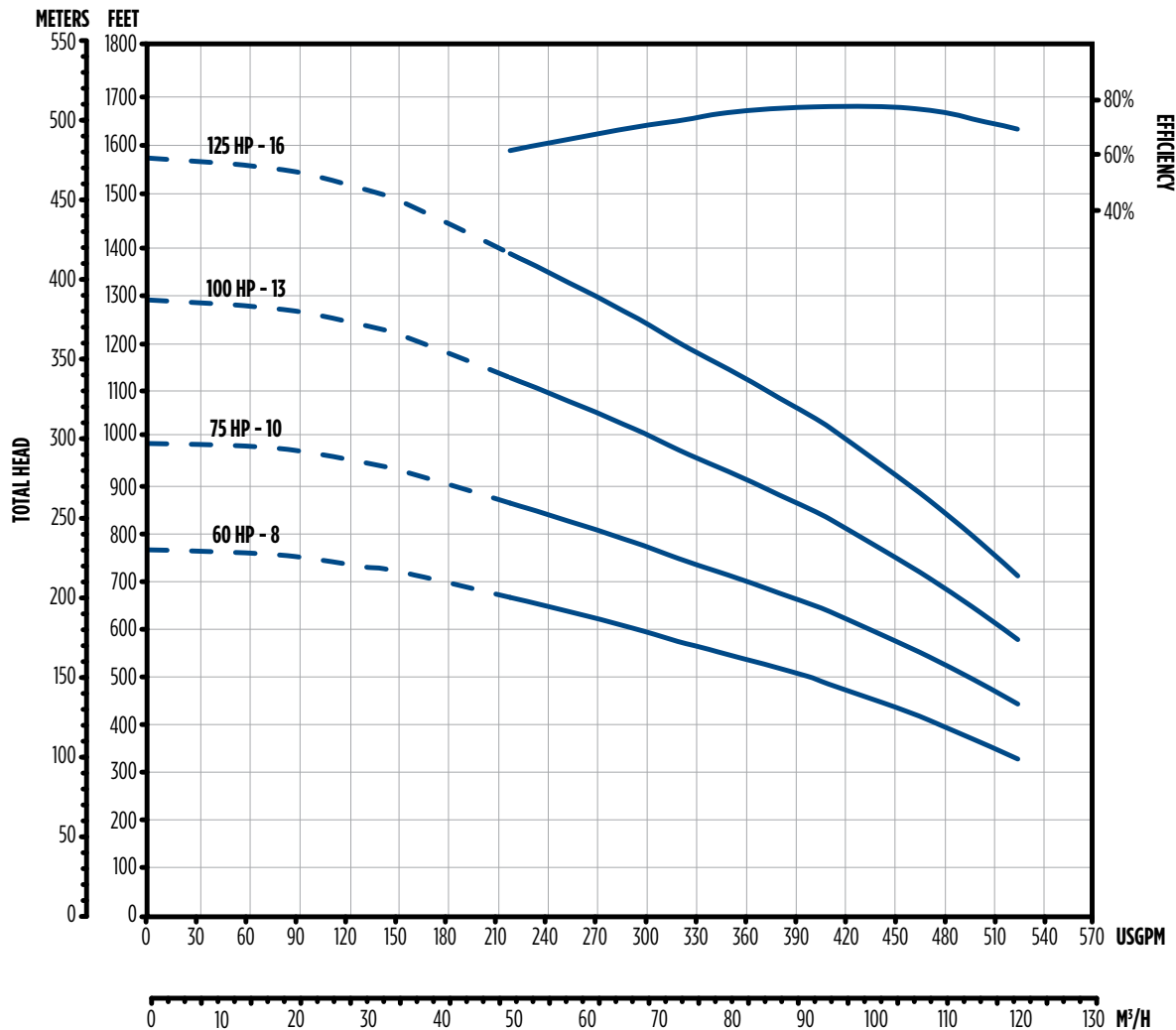
SUBMERSIBLE TURBINE PUMPS

8" SR SERIES



PERFORMANCE

400 GPM



— RECOMMENDED OPERATING RANGE

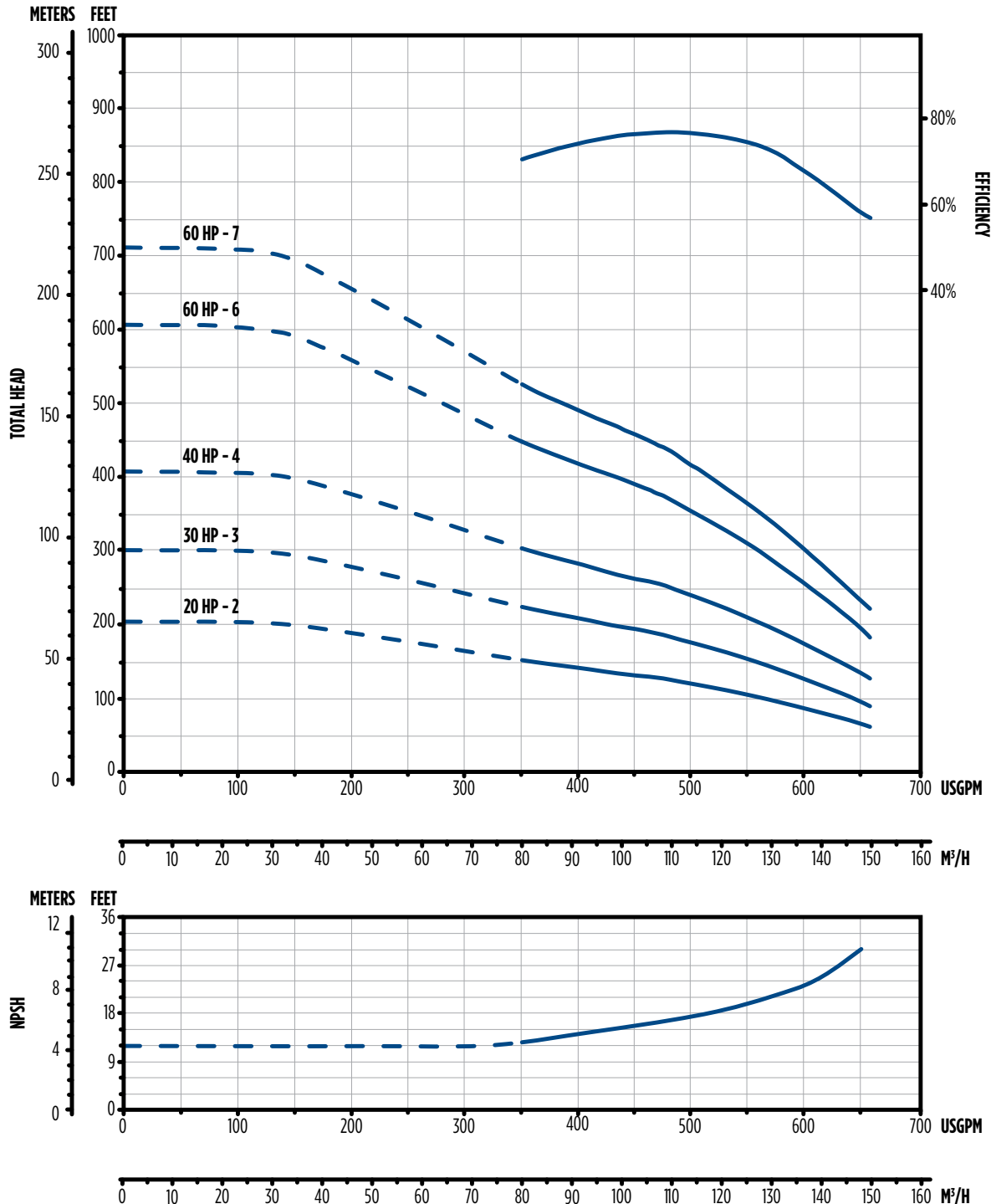
SUBMERSIBLE TURBINE PUMPS

8" SR SERIES



PERFORMANCE

475 GPM



— RECOMMENDED OPERATING RANGE

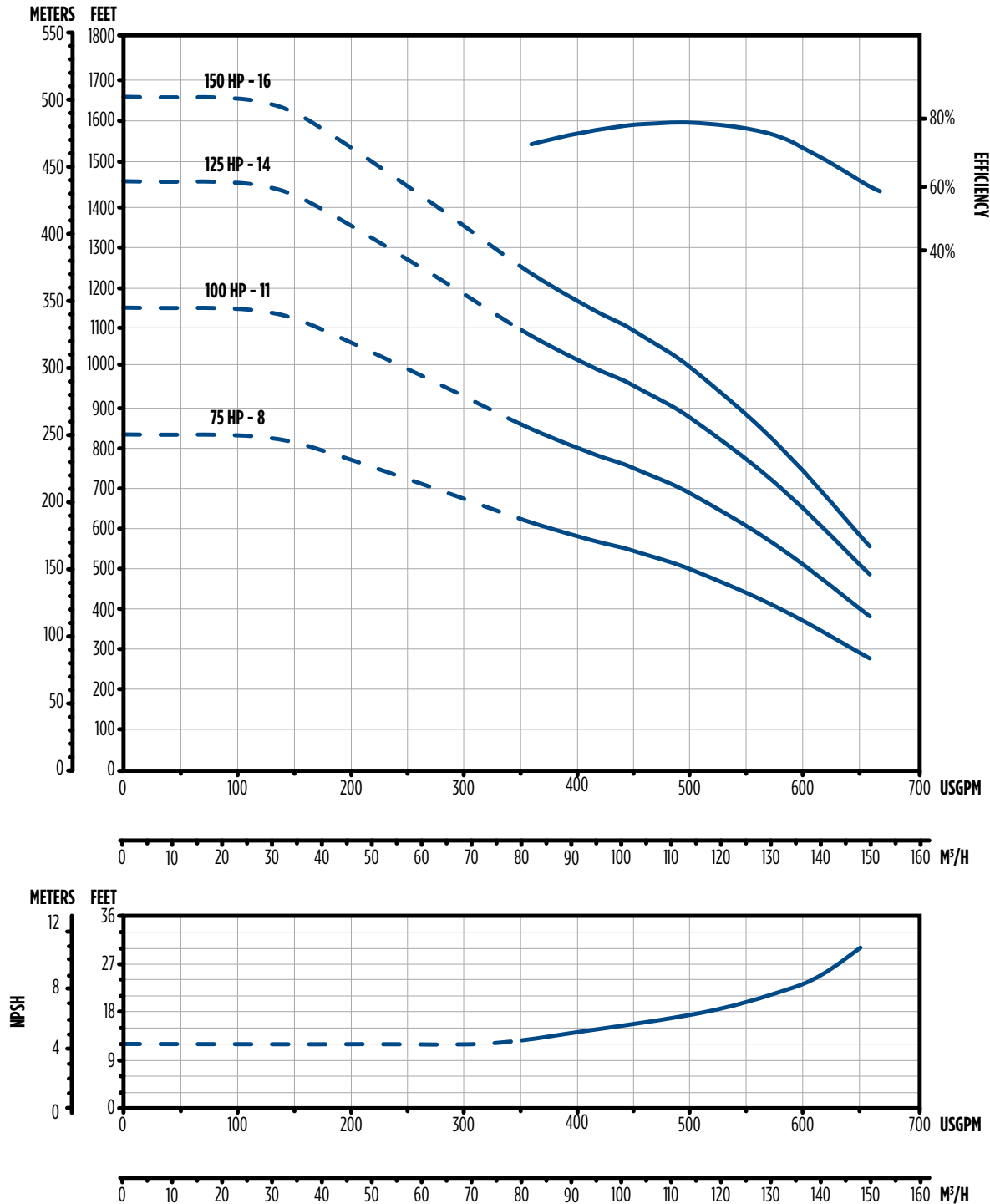
SUBMERSIBLE TURBINE PUMPS

8" SR SERIES



PERFORMANCE

475 GPM



— RECOMMENDED OPERATING RANGE

SUBMERSIBLE TURBINE PUMPS

8" SR SERIES



ORDERING INFORMATION

GPM	Stages	HP	Motor Size (in)	Discharge* (in)	304 Stainless Steel		316 Stainless Steel	
					Order No.	Description	Order No.	Description
400	2	15	6	4, 5	97180400002	400SR15F86-0264	97181400002	400SR15S86-0264
	3	25	6		97180400003	400SR25F86-0364	97181400003	400SR25S86-0364
	4	30	6		97180400004	400SR30F86-0464	97181400004	400SR30S86-0464
	5	40	6		97180400005	400SR40F86-0564	97181400005	400SR40S86-0564
	7	50	6		97180400007	400SR50F86-0764	97181400007	400SR50S86-0764
	7	50	8		97180400207	400SR50F86-0784	97181400207	400SR50S86-0784
	8	60	6		97180400008	400SR60F86-0864	97181400008	400SR60S86-0864
	8	60	8		97180400208	400SR60F86-0884	97181400208	400SR60S86-0884
	10	75	8		97180400210	400SR75F86-1084	97181400210	400SR75S86-1084
	13	100	8		97180400213	400SR100F86-1384	97181400213	400SR100S86-1384
	16	125	8		97180400216	400SR125F86-1684	97181400216	400SR125S86-1684
475	2	20	6	5, 6	97180475102	475SR20F86-0266	97181475102	475SR20S86-0266
	3	30	6		97180475103	475SR30F86-0366	97181475103	475SR30S86-0366
	4	40	6		97180475104	475SR40F86-0466	97181475104	475SR40S86-0466
	6	60	6		97180475106	475SR60F86-0666	97181475106	475SR60S86-0666
	6	60	8		97180475306	475SR60F86-0686	97181475306	475SR60S86-0686
	7	60	6		97180475107	475SR60F86-0766	97181475107	475SR60S86-0766
	7	60	8		97180475307	475SR60F86-0786	97181475307	475SR60S86-0786
	8	75	8		97180475308	475SR75F86-0886	97181475308	475SR75S86-0886
	11	100	8		97180475311	475SR100F86-1186	97181475311	475SR100S86-1186
	14	125	8		97180475314	475SR125F86-1486	97181475314	475SR125S86-1486
	16	150	8		97180475316	475SR150F86-1686	97181475316	475SR150S86-1686

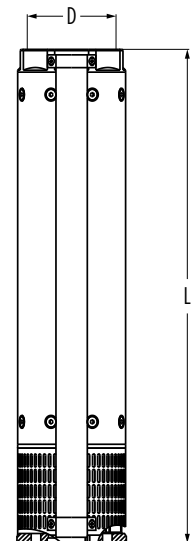
* Discharges come with removable adapters

DIMENSIONS

GPM	HP	Stages	Dimensions (in)				Pump Wt. (lbs)
			Motor Size (in)	Discharge* (in)	Diameter w/Cable Guard	Length	
400	15	2	6	4, 5	7.34	25.35	69.7
	25	3	6		7.34	30.31	80.9
	30	4	6		7.34	35.28	91.6
	40	5	6		7.34	40.24	101.6
	50	7	6		7.34	50.16	123.5
	50	7	8		7.68	50.16	123.5
	60	8	6		7.34	55.12	134.5
	60	8	8		7.68	55.12	134.5
	75	10	8		7.68	65.24	158.7
	100	13	8		7.68	80.12	191.8
	125	16	8		7.68	95.00	223.8
475	20	2	6	5, 6	7.34	25.35	69.0
	30	3	6		7.34	30.31	80.9
	40	4	6		7.34	35.28	91.7
	60	6	6		7.34	45.20	112.4
	60	6	8		7.68	45.20	112.4
	60	7	6		7.34	50.16	123.5
	60	7	8		7.68	50.16	123.5
	75	8	8		7.68	55.31	137.8
	100	11	8		7.68	70.20	169.8
	125	14	8		7.68	85.08	202.8
	150	16	8		7.68	95.00	223.8

* Discharges come with removable adapters

NOTE: D=Discharge, L=Pump Length



SUBMERSIBLE TURBINE PUMPS

8" SR SERIES



MATERIALS

Description	Type	Material			
		304 Stainless Steel		316 Stainless Steel	
		AISI	DIN / EN	AISI	DIN / EN
Discharge Head	Stainless Steel	304	1.430	316	1.440
Valve	Stainless Steel	316	1.440	316	1.440
Sealing O-ring	Nitrile Rubber (NBR)	-	-	-	-
Outer Case Locking Nuts	Stainless Steel	316	1.440	316	1.440
Valve Support	Stainless Steel and PTFE	316	1.440	316	1.440
Seeger Ring	Stainless Steel	316	1.440	316	1.440
Spring	Stainless Steel	316	1.440	316	1.440
Outer Case	Stainless Steel	304	1.430	316	1.440
Suction Strainer	Stainless Steel	316	1.440	316	1.440
Cable Guard	Stainless Steel	316	1.440	316	1.440
Initial Spacer	Stainless Steel	316	1.440	316	1.440
Flange and Screws	Stainless Steel	304	1.430	316	1.440
Motor Adapter	Stainless Steel	304	1.430	316	1.440
Pump Shaft	Stainless Steel	329	1.446	329	1.446
Coupling	Stainless Steel	431 / 329	1.4057 / 1.4460	316 / 329	1.4401 / 1.4460
Upper Upthrust Washer	Stainless Steel	329	1.446	329	1.446
Lower Upthrust Washer	Stainless Steel	329	1.446	329	1.446
Upper Journal Sleeve*	Stainless Steel with Ceramic Coating	-	-	-	-
Screw and Washer	Stainless Steel	316	1.440	316	1.440
Upthrust Ring	PTFE	-	-	-	-
Diffuser	Stainless Steel	304	1.430	316	1.440
Secondary Bearing Bushing	Nitrile Rubber (NBR)	-	-	-	-
Floating Neck Ring	PTFE	-	-	-	-
Flange Clamping Neck Ring	Stainless Steel	316	1.440	316	1.440
Impeller	Stainless Steel	316	1.440	316	1.440
Split Cone	Stainless Steel	316	1.440	316	1.440
Split Cone Nut	Stainless Steel	316	1.440	316	1.440

* Only for types with more than eight stages



Franklin Electric