



FPS



50 Hz SR SERIES

Submersible Pumps



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Franklin Electric

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.
- Easy to install and dismantle for service in the field if necessary.



SPECIFICATIONS

- 6" to 65 m³/h
- 8" to 97 m³/h

APPLICATIONS

- Industrial
- Agriculture

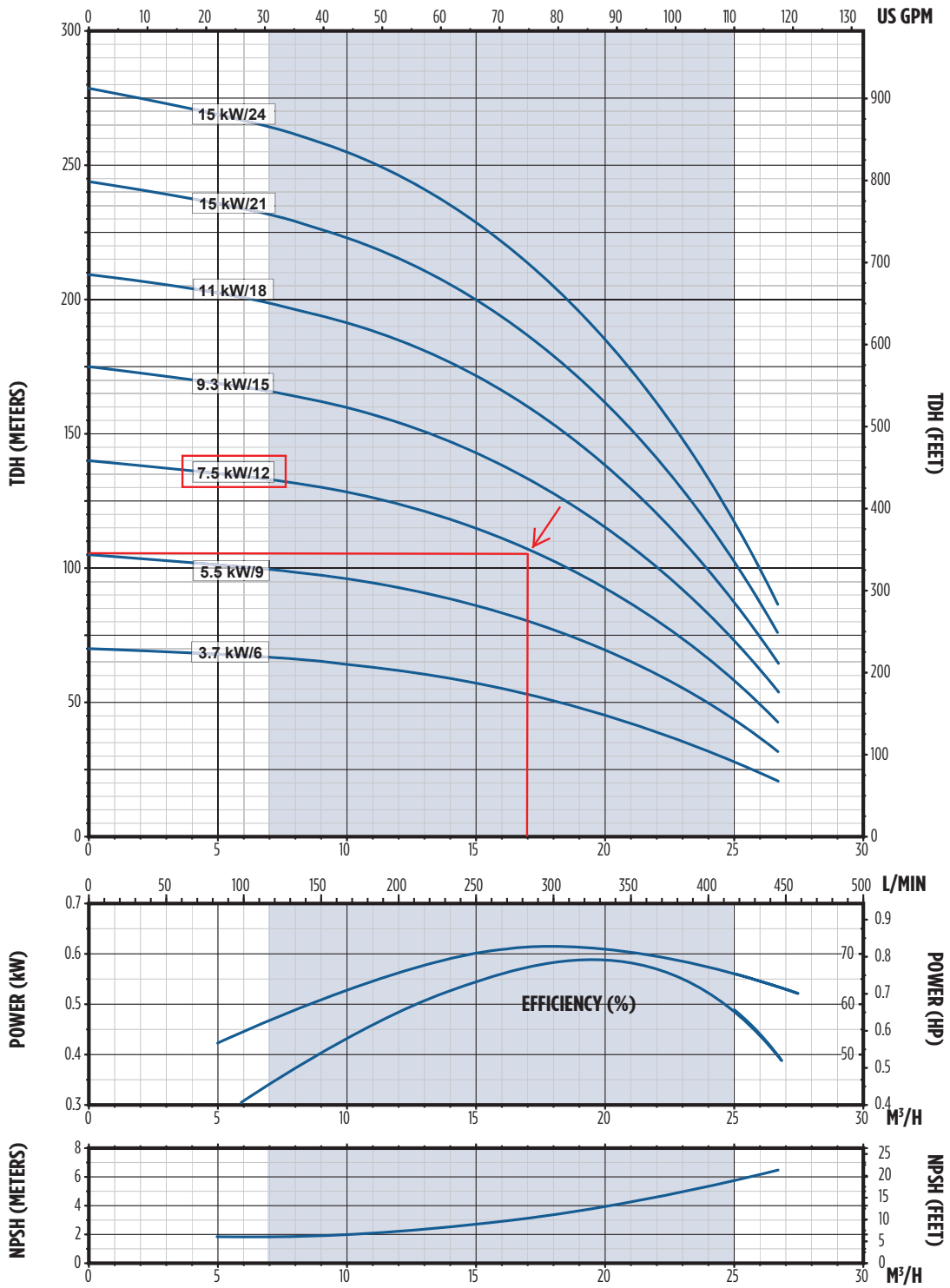
MODEL NO. EXPLANATION

Example: 65SR15F65-0964

- 65 = Flow series m³/h
- SR = Series
- 15 = Motor kW
- F = 304 stainless steel / S = 316 stainless steel
- 6 = 6" diameter pump
- 5 = 50 Hz
- 09 = Number of stages
- 6 = Motor size (6")
- 4 = 4" discharge

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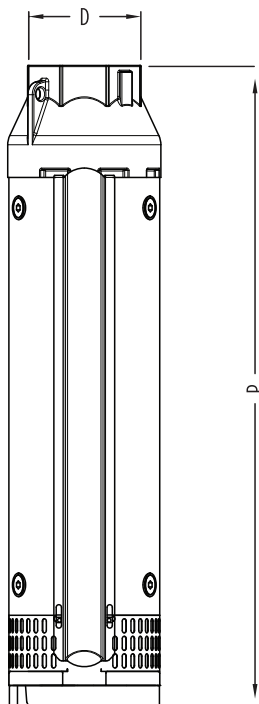
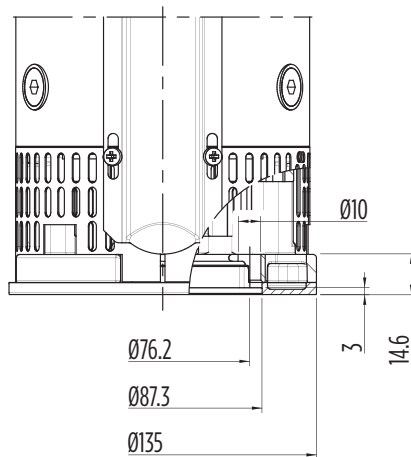
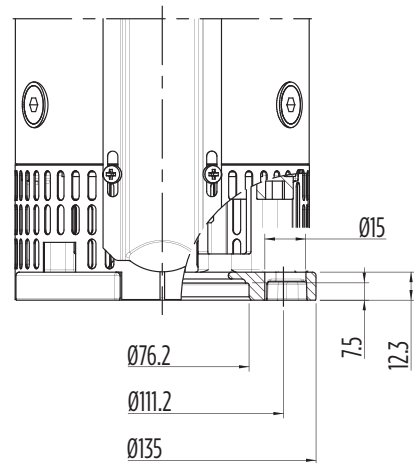
PERFORMANCE - 6" 19 M³/H



DIMENSIONS - 6" 19 M³/H

6" Pump Ends											
m ³ /h	kW	HP	Stages	Motor Size [in]*	Part No. [304 SS]		Part No. [316 SS]		Length (P) [mm]	Weight (kg)	Discharge (D) [in]
					Model No.	Order No.	Model No.	Order No.			
19	3.7	5	6	4 or 6	19SR4F65-0663	97160019006	19SR4S65-0663	97161019006	536.5	13.05	3
	5.5	7.5	9	4 or 6	19SR5F65-0963	97160019009	19SR5S65-0963	97161019009	649	15.55	
	7.5	10	12	4 or 6	19SR7F65-1263	97160019012	19SR7S65-1263	97161019012	761.5	18.05	
	9.3	12.5	15	6	19SR9F65-1563	97160019015	19SR9S65-1563	97161019015	874	20.55	
	11	15	18	6	19SR11F65-1863	97160019018	19SR11S65-1863	97161019018	986.5	23.05	
	15	20	21	6	19SR15F65-2163	97160019021	19SR15S65-2163	97161019021	1099	25.55	
	15	20	24	6	19SR15F65-2463	97160019024	19SR15S65-2463	97161019024	1211.5	28.05	

* Pumps marked as 4" or 6" motor come standard for 6" motors. A 4" motor bracket adapter is required for use on a 4" motor. (Part no. 305 473 001)


4" MOTOR ADAPTER

6" MOTOR ADAPTER


Pump / Motor Size [in]	Diameter - 1 Cable Cover [mm]	Diameter - 2 Cable Covers [mm]
6 / 4	142.5	-
6 / 6	143	144.5

*Note: Diameter units are in millimeters

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MATERIALS

6" STAINLESS STEEL PUMP

Parts Description	Material		
	Type	F-304 SS	S-316 SS
		AISI	AISI
Discharge Head	Stainless Steel	304	316
Valve	Stainless Steel	316	316
Sealing O-ring	Nitrile Rubber (NBR)	-	-
Outer Case Locking Nuts	Stainless Steel	316	316
Outer Case	Stainless Steel	304	316
Suction Strainer	Stainless Steel	316	316
Cable Guard	Stainless Steel	316	316
Initial Spacer	Stainless Steel	304	316
Flange and Screws	Stainless Steel	304	316
Motor Adapter	Stainless Steel	304	316
Pump Shaft	Stainless Steel	431	316/329
Coupling	Stainless Steel	431/329	316/329
Upper / Lower Upthrust Washer	Stainless Steel	316	316
Upper Journal Sleeve (1)	Stainless Steel with Ceramic Coating (1)	329	329
Screw and Washer	Stainless Steel	316	316
Upthrust Ring	PTFE	-	-
Lower / Upper Spacer	Stainless Steel	316	316
Diffuser	Stainless Steel	304	316
Secondary Bearing Bush	Nitrile Rubber (NBR)	-	-
Floating Neck Ring	PTFE	-	-
Flange Clamping Neck Ring	Stainless Steel	304	316
Bearing Bush	Nitrile Rubber (NBR)	-	-
Last / Intermediate Diffuser	Stainless Steel	316	316
First Stage	Stainless Steel	316	316
Impeller / Wear Ring	Stainless Steel	304	316
Split Cone / Secondary Journal Sleeve	Stainless Steel	316	316
Split Cone Nut / Intermediate Cone Nut	Stainless Steel	316	316
Upthrust Split Cone Nut	Stainless Steel	316	316

(1) - Stainless steel with tungsten carbide coating on pumps longer than 3 meters