

Submittal Data Information

SCX Series Centrifugal Pump

301-1044

Effective: November 16, 2015

Supersedes: May 31, 2012

Job: _____ Engineer: _____ Contractor: _____ Rep: _____

ITEM NO.	MODEL NO.

Features

Compact Design: Close-Coupled design saves space and simplifies maintenance and installation.

Superior Materials of Construction: Complete AISI 304 Stainless Steel housing for corrosion resistance, smooth flow path, quality appearance, and improved strength and ductility.

Installation Flexibility: Can be mounted horizontally or vertically.

High efficiency Impeller: Enclosed impeller of precision molded Noryl with ultra-smooth flow ports maximizes performance and efficiency.

Mechanical Seal: Standard carbon on ceramic seal faces with Viton elastomers. Optional seal faces and elastomers are available to handle a variety of working fluids.

Motors: Rugged ball bearing design NEMA standard open drip proof or totally enclosed, fan cooled motors are available for continuous duty under all operating conditions.

Drain/Vent Ports: Stainless steel vent and drain ports facilitate priming and draining the pump.

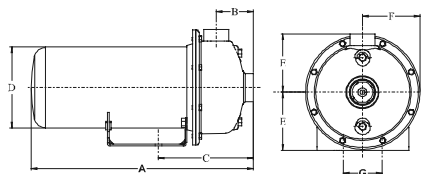
Application:

Specifically designed for a broad range of general applications traditionally requiring various materials such as all iron, bronzed fitted or all bronze construction. Water circulation, booster service, liquid transfer, jockey pumps, OEM applications, general water services.

Pump Dimensions & Weights

Model	HP	Pump Size-NPT		A						B	C	D		E	F	G	Weight	
		Suct.	Disch.	1 Phase		3 Phase		ODP	TEFC									
				ODP	TEFC	ODP	TEFC											
SCX1700-1	1/2	1-1/4"	1	13.2	14.0	13.5	14.2	2.43	6.51	5.63	6.44	4.13	4.06	4.875	29	32		
SCX1700-1	3/4	1-1/4"	1	13.2	14.9	13.5	14.2	2.43	6.51	5.63	6.44	4.13	4.06	4.875	38	41		
SCX1700-1	1	1-1/4"	1	14.2	15.7	14.0	15.2	2.43	6.51	5.63	6.44	4.13	4.06	4.875	47	50		
SCX1700-1	1-1/2	1-1/4"	1	14.5	16.2	14.5	15.2	2.43	6.51	5.63	6.44	4.13	4.06	4.875	62	65		
SCX1700-2	2	1-1/2"	1-1/4"	16.0	16.4	15.7	16.4	2.63	6.71	5.63	6.44	4.13	4.06	4.875	77	80		
SCX1700-2	2-1/2	1-1/2"	1-1/4"	16.9	16.9*	16.4	16.4	2.63	6.71	5.63	6.44	4.13	4.06	4.875	90	93		

*2-1/2 HP 1-Phase TEFC motor has been discontinued



Note: Overload protection must be provided. Contactor with overload for 1-phase or starters with heaters for 3-phase units ordered separately.

Motor Horsepower	Motor Voltage	Phase	Max Amperage
1/2	115/230	1	8.8/4.4
	208/230/460	3	2.3/1.15
3/4	115/230	1	12.2/6.1
	208/230/460	3	3.1/1.55
1	115/230	1	14.8/7.4
	208/230/460	3	3.6/1.8
1-1/2	115/230	1	19.2/9.6
	208/230/460	3	4.7/2.35
2	230	1	12
	208/230/460	3	6.8/3.4
2-1/2	230	1	12
	208/230/460	3	8.5/4.25

Features

Capacities: 100 GPM

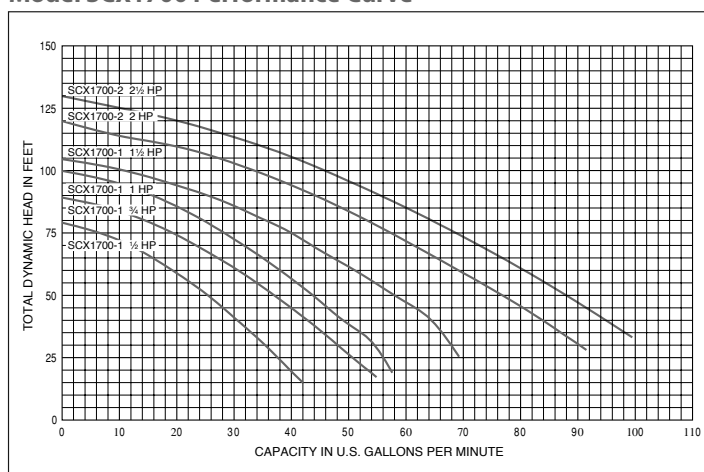
Heads: 135 Ft.TDH

Working Pressures: 125 psig
Max temp: 185° F
(85° C)

Direction of rotation: Clockwise when viewed from the motor end

Motors: CSA Listed
NEMA 56J
Frame 1/2 - 3 HP
Single phase - Voltage 115/230 VAC ODP and TEFC Three phase - Voltage 208-230/460 VAC ODP and TEFC

Model SCX1700 Performance Curve



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