

Water Circulation Pumps & Circulators

Replacement Header Pump

Taco's replacement header pumps are designed to replace all factory mounted header pumps with the special bolt circle for mounting on any boiler of this style.

MODEL	REPLACES TACO MODELS	
1630-S46	1630-S5	1/2 HP
	1630-S6	
1630-S47	1630-S18	1/4 HP
	1630-S19	1/3 HP
	1630-S33	1/2 HP
	1630-S34	
1630-S48	NEW	3/4 HP
1630-S49	1630-S20	3/4 HP

These units will also replace most Armstrong and B&G header pumps.



HYDRONIC COMPONENTS & SYSTEMS

Do it once.
Do it right.®



Submittal Data Information Replacement Header Pump

Submittal Data No. 301-010
Supersedes: April 15, 2001

Effective: October 30, 2001

Application

The Taco replacement header pumps are designed to replace all factory mounted header pumps with the special bolt circle for mounting on any boiler of this style. The pump is available in bronze construction for open or closed systems. The pumps are available in standard and high ambient designs and in two different horsepower — 1/2 HP and 3/4 HP. The 1/2 HP will replace any 1/3 HP pumps that were supplied by the OEM.

The pump uses standard I600 replacement parts* (except for the impeller which is special) for easy parts replacement. The motor and bearing assembly have sealed ball bearings and never have to be oiled or greased. The motor is also resilient mounted for reliable quiet operation. The pump comes with the standard I600 John Crane mechanical seal with cupro-nickel shaft sleeve and external water slinger for added bearing assembly life in case of seal failure. The shaft on the bearing assembly is 5/8" OD and is not stepped down as in other pump designs, which can cause shaft failure. Because of the universal machining of the bracket assembly, the Taco Replacement Header Pump will replace most models on the market today.

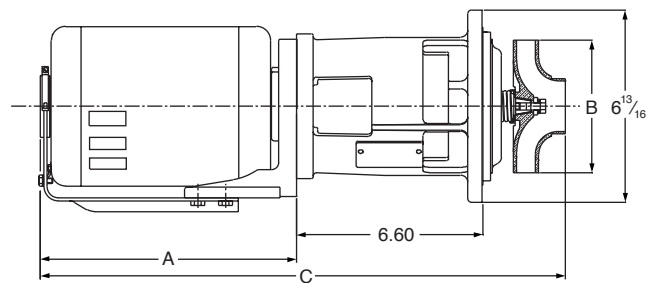
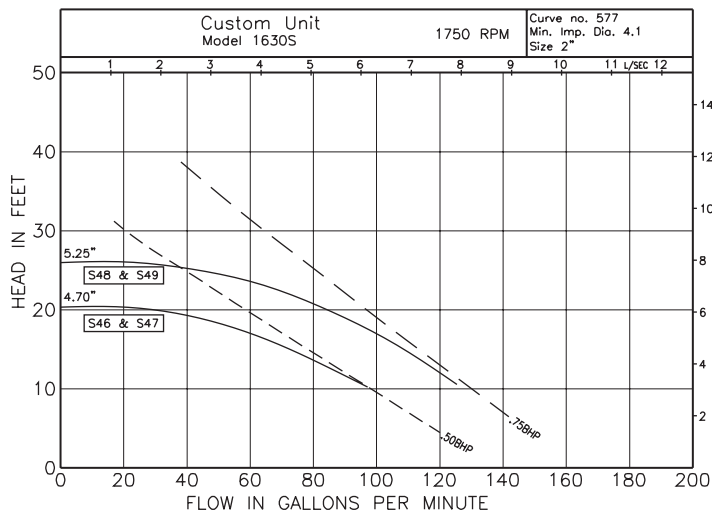
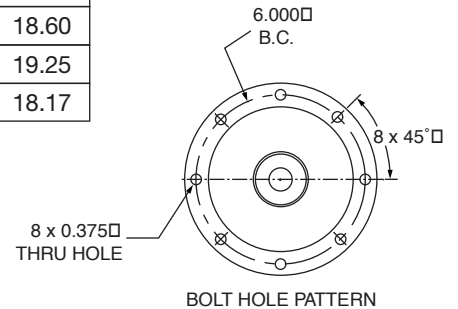
* NOTE: When replacing cartridge or mechanical seal, a I630-I24RP Gasket Kit **must** be ordered.

Specifications

Impeller	One Piece Cast Bronze
Shaft	5/8" shaft
Coupler	WOODS 4J
Mechanical Seal	Ceramic
Temperature Rating	250° F (Max)
Bearings	Permanently Lubricated Replaceable Cartridge
Motor	Capacitor Start
Pressure Rating	175 (Max)
Temperature Rating	250° F (Max)
Motor Type	Resilient Mount
HP	1/2 HP and 3/4 HP @ 1750 RPM
Electrical Char.	I15/60/1 Automatic Thermal Overload

Dimensions

MODEL NUMBER	HP	SPEED RPM	VOLTS	Hz	PH	SERVICE FACTOR	AMB. TEMP.	A	B	C
1630-S46	1/2	1725	115	60	1	1.25	50° C	9.46	4.70	18.06
1630-S47	1/2	1725	115	60	1	1.25	60° C	10.00	4.70	18.60
1630-S48	3/4	1725	115	60	1	1.25	40° C	10.65	5.25	19.25
1630-S49	3/4	1725	115	60	1	1.25	60° C	9.57	5.25	18.17



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