

**TBH 310**  
**Multi-stage, Self-Priming**  
**Centrifugal Pump**



200 Newsome Drive  
 Yorktown, VA 23693  
 1-800-535-4243  
 www.Travaini.com



<b>Head Capacity</b>	40 to 900 Feet
<b>Capacity</b>	19 to 39 USGPM
<b>Features</b>	Low vibration and noise level for maximum reliability
<b>Shaft Sealing</b>	Mechanical seal (std) Double mechanical seal Packing seal
<b>Options</b>	Bareshaft pump Coupled to electric motor
<b>Temperature</b>	14 °F— 320 °F (not valid for B2 construction)

**Technical Data**

Capacity	USGPM	20		24		28		32		36	
Model		Ft	HP	Ft	HP	Ft	HP	Ft	HP	Ft	HP
TBH311		110	2.3	98	2	78	1.7	56	1.6	45	1.5
TBH312	Flange size	220	4.3	190	3.9	162	3.2	123	2.5	89	2.1
TBH313	Inlet : 1-1/4"	350	6.5	290	5.6	240	4.9	185	4	125	3.6
TBH314	Outlet : 1-1/4"	470	8.8	395	7.8	315	6.4	245	5.3	185	4.2
TBH315		585	11	490	8.5	400	8.2	310	6.4	216	5.2
TBH316		695	13.1	587	11.3	480	9.7	378	8.2	250	6.3
TBH317		815	15.2	690	13.3	557	11.2	430	9.2	300	7.4
TBH318		-	-	787	15.1	635	13	490	10.6	330	8.4
<b>NPSH</b>	FT	7.2		8.2		11		13.8		17.6	

**Standard Materials of Construction\*\***

Part No.	Description	GH	RA	A3	B2	GP
106	Suction Casing	Ductile iron			Bronze	Ductile iron
107	Discharge Casing					Ductile iron
109 114 149	Port plate & Diffuser	Cast iron				Cast iron
210	Shaft	Stainless Steel AISI 420	Stainless steel AISI 420			Stainless steel AISI 420
230	Impeller	Brass			Bronze	Brass
310.1	Element bush	-		Carbon	-	Bronze
357	Bearing & mech. seal housing	Cast iron		Cast iron with stainless steel insert		Cast iron

**Model Designation**

<b>TBH313 A/1X-C/A3</b>	
T	Travaini manufacturer
B	Self-priming multistage centrifugal pump
H	Vertical PN40 flanges
31	Pump size
3	Number of stages
A	Modification of hydraulic design
1X	Constructive project number
C	Shaft sealing: C—single mechanical seal 2C— Double mechanical seal B—Packing seal
A3	Materials of construction

\*\*Special materials available upon request  
 --For further information please consult Travaini Pumps USA.

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