

# TBA 310

## Multi-stage, Self-Priming Centrifugal Pump



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



<b>Head Capacity</b>	35 to 895 Feet
<b>Capacity</b>	19 to 39 USGPM
<b>Features</b>	Low NPSH requirements allow for the handling of boiling liquids. Especially suited for handling liquids with entrained gases
<b>Shaft Sealing</b>	Mechanical seal (std) Double mechanical seal
<b>Options</b>	Bareshaft pump Coupled to electric motor Monoblock
<b>Temperature</b>	Cooled or heated seal housing, upgraded mechanical seals

### Technical Data

Capacity	USGPM	20		24		28		32		36	
Model		Ft	HP	Ft	HP	Ft	HP	Ft	HP	Ft	HP
TBA311		120	2.8	105	2.6	90	2.4	74	1.9	62	1.7
TBA312		240	5	204	4.3	175	3.8	145	3.1	103	2.6
TBA313	Flange size	368	7	315	6.2	257	5.4	202	4.6	153	3.9
TBA314	Inlet : 2-1/2"	487	9.2	404	8.1	323	7	273	6	197	4.7
TBA315	Outlet : 1-1/4"	587	11.2	500	9.9	410	8.6	324	7.4	235	6
TBA316		712	13.3	600	11.9	497	10.1	390	8.6	281	7.1
TBA317		814	15.5	694	13.7	782	11.9	450	10	326	8.2
TBA318		-	-	790	15.5	647	13.4	508	11.3	373	9.2
<b>NPSH</b>	<b>FT</b>	<b>4.3</b>		<b>4.4</b>		<b>4.6</b>		<b>5.1</b>		<b>5.8</b>	

### Standard Materials of Construction\*\*

Part No.	Description	GH	RA	3	B2	GP
106	Suction Casing	Ductile iron			Bronze	Ductile iron
107	Discharge Casing					
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>TBA313 A/1X-C/A3</b>	
T	Travaini manufacturer
B	Self-priming multistage centrifugal pump
A	Horizontal PN40 suction flange and vertical discharge flange
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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