

# TBA 400 Multi-stage, Self-Priming Centrifugal Pump



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<b>Head Capacity</b>	50 to 1000 Feet
<b>Capacity</b>	32 to 63 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	32		40		48		56		62	
Model		Ft	HP	Ft	HP	Ft	HP	Ft	HP	Ft	HP
TBA401		200	5.4	164	4.6	132	3.9	87	3.6	62	3.2
TBA402		382	10.4	300	9	225	7.9	165	6.4	118	6
TBA403	Flange size	565	15.4	463	13.7	357	11.3	250	9.5	182	8.4
TBA404	Inlet : 3"	722	21.2	600	18	483	15	343	13	234	11
TBA405	Outlet : 1-1/2"	907	25	746	22	589	19	437	16	300	12.8
TBA406		-	-	787	26	696	22.7	512	19	372	16.2
TBA407		-	-	-	-	804	26.2	587	22	416	18.4
TBA408		-	-	-	-	900	30	654	25	478	21.4
<b>NPSH</b>	<b>FT</b>	<b>3.6</b>		<b>3.8</b>		<b>4.2</b>		<b>4.5</b>		<b>4.8</b>	

## Standard Materials of Construction\*\*

Part No.	Description	GH	RA	A3	B2	GP
106	Suction Casing	Ductile iron		Carbon	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>TBA403 A/1X-C/A3</b>	
T	Travaini manufacturer
B	Self-priming multistage centrifugal pump
A	Horizontal PN40 suction flange and vertical discharge flange
40	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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