

**TBA 500**  
**Multi-stage, Self-Priming Centrifugal Pump**



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



<b>Head Capacity</b>	60 to 1020 Feet
<b>Capacity</b>	55 to 105 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	60		70		80		90		100	
Model		Ft	HP	Ft	HP	Ft	HP	Ft	HP	Ft	HP
TBA501		205	12	180	11	156	9	134	8	97	7
TBA502		383	19	321	17	287	16	233	15	173	13
TBA503	Flange size	540	28	478	26	402	24	321	21	237	17
TBA504	Inlet : 4"	711	36	623	34	528	30	425	27	307	23
TBA505	Outlet : 2"	882	46	774	41	654	37	531	33	386	27
TBA506		-	-	910	48	782	43	635	37	450	33
TBA507		-	-	-	-	903	50	725	44	520	37
TBA508		-	-	-	-	-	-	840	50	600	42
<b>NPSH</b>	<b>FT</b>	<b>3.8</b>		<b>4.1</b>		<b>4.4</b>		<b>4.7</b>		<b>5.1</b>	

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

Part No.	Description	GH	RA	3	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>TBA503 A/1X-C/A3</b>	
T	Travaini manufacturer
B	Self-priming multistage centrifugal pump
A	Horizontal PN40 suction flange and vertical discharge flange
50	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.

REF:	JGJ/RR	Date	3/17/2015	No:	100102.000
------	--------	------	-----------	-----	------------