

TBA 500
Multi-stage, Self-Priming
Centrifugal Pump



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



Head Capacity	60 to 1020 Feet
Capacity	55 to 105 USGPM
Features	Low NPSH requirements allow for the handling of boiling liquids. Especially suited for handling liquids with entrained gases
Shaft Sealing	Mechanical seal (std) Double mechanical seal
Options	Bareshaft pump Coupled to electric motor Monoblock
Temperature	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
NPSH	FT	3.8		4.1		4.4		4.7		5.1	

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				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

TBA503 A/1X-C/A3	
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.

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