

# TBA 650 Multi-stage, Self-Priming Centrifugal Pump



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<b>Head Capacity</b>	30 to 1150 Feet
<b>Capacity</b>	85 to 185 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	90		110		130		150		170	
Model		Ft	HP	Ft	HP	Ft	HP	Ft	HP	Ft	HP
TBA651		242	19	210	17	177	16	143	15	90	12
TBA652		432	36	383	32	300	29	221	24	150	21
TBA653	Flange size	620	51	530	45	432	39	326	33	205	28
TBA654	Inlet : "	815	67	707	59	587	51	435	43	189	36
TBA655	Outlet : "	1007	81	877	72	702	62	523	53	340	43
TBA656		-	-	1048	85	842	75	624	63	410	52
TBA657		-	-	-	-	983	86	715	72	487	59
TBA658		-	-	-	-	1110	98	820	83	534	68
<b>NPSH</b>	FT	<b>4.7</b>		<b>4.8</b>		<b>4.8</b>		<b>5.1</b>		<b>5.6</b>	

## 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>TBA653 A/1X-C/A3</b>	
T	Travaini manufacturer
B	Self-priming multistage centrifugal pump
A	Horizontal PN40 suction flange and vertical discharge flange
65	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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