

TBA 400

Multi-stage, Self-Priming Centrifugal Pump



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Head Capacity	50 to 1000 Feet
Capacity	32 to 63 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	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
NPSH	FT	3.6		3.8		4.2		4.5		4.8	

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

TBA403 A/1X-C/A3	
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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