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TBH 500
Multi-stage, Self-Priming Centrifugal Pump

TRAVAINI PUMPS® USA
Engineered Pump Solutions

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



Head Capacity	50 to 1000 Feet
Capacity	53 to 112 USGPM
Features	Low vibration and noise level for maximum reliability
Shaft Sealing	Mechanical seal (std) Double mechanical seal Packing seal
Options	Bareshaft pump Coupled to electric motor Monoblock
Temperature	14 °F— 320 °F (not valid for B2 construction)

Technical Data

Capacity	USGPM	60		70		80		90		100	
Model		Ft	HP	Ft	HP	Ft	HP	Ft	HP	Ft	HP
TBH501		180	10	150	8	130	6	110	5	78	3
TBH502	Flange size	340	17	300	16	250	15	205	14	143	12
TBH503	Inlet : 2"	508	27	448	24	380	23	310	19	220	16
TBH504	Outlet : 2"	685	36	600	33	515	29	420	26	300	22
TBH505		850	44	740	39	630	36	510	32	365	27
TBH506		-	-	895	47	770	43	620	37	440	32
TBH507		-	-	-	-	900	49	730	43	510	36
TBH508		-	-	-	-	-	-	840	49	600	42
NPSH	FT	11.4		12.5		14.2		17.7		21	

*Standard Materials of Construction***

Part No.	Description	GH	RA	A3	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

**Special materials available upon request
--For further information please consult Travaini Pumps USA.

Model Designation

TBH503 A/1X-C/A3

T	Travaini manufacturer
B	Self-priming multistage centrifugal pump
H	Vertical PN40 flanges
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