

TBH 650

Self-Priming Multi Stage Centrifugal Pump



TRAVAINI

- HEAD** : 40 to 1050 FT.
- CAPACITY** : 90 to 190 USGPM
- FEATURES** : Self-priming multi stage centrifugal pumps with horizontal mounting, top suction and discharge flanges; Capable of handling clean and not abrasive liquids even if mixed with gases or vapor; Low operating speed, low vibration, low noise level; Impellers individually hydraulically balanced to eliminate end thrust forces to bearings; Max. discharge pressure 40 bar at 120°C; 34 bar at 160°C
- SHAFT SEALING** : Mechanical seal - Double mechanical seals optional
- OPTIONS** : Bareshaft pump - Coupled to electric motor on baseplate - Monoblock
- ACCESSORIES** : Cooled or heated seal housing are available; Optional upgrade to Mechanical seals with Silica Carbide or Tungsten Carbide faces



TECHNICAL DATA at 1750 RPM (60 HZ)

CAPACITY	USGPM	85		105		125		145		165		185	
	m ³ /h	19.30		23.85		28.39		32.93		37.48		42.02	
MODEL	Flange size In/Out 2 1/2"	FT	HP	FT	HP	FT	HP	FT	HP	FT	HP	FT	HP
TBH 651		207	19	184	16.3	144	13.6	118	12.9	75	10.9	30	9.5
TBH 652		408	35	357	30	288	26	225	23	149	19.2	72	16
TBH 653		609	51	530	45	433	38	332	34	222	28	113	22
TBH 654		809	66	704	59	577	51	439	44	296	36	155	29
TBH 655		1010	82	877	73	721	63	545	55	370	44	197	35
TBH 656		--	--	1050	87	866	76	652	65	444	52	239	41
NPSH		FT	10.5		11.8		13.8		18.4		19		25

MODEL DESIGNATION

T B H 653 A / 2 - C / A3 - M	
T	Travaini manufacturer
B	Self-priming multistage centrifugal pump
H	Type of construction
65	Pump size
3	Number of stages
A	Modification of hydraulics
2	Construction modifications
C	Shaft sealing C = Mechanical seal CC = Double mec. seal back to back C2 = Double mec. seal in tandem
A3	Materials of construction (see table)
M	Close coupled with lantern (opt.)

STANDARD MATERIALS OF CONSTRUCTION **						
Part No.	Description	GH	RA	A3	B2	GP
106	Suction casing	Ductile iron		Stainless steel AISI 316	Bronze	Ductile iron
107	Discharge casing					Ductile iron
109 114 149	Port plate & Diffuser	Cast iron				Cast iron
210	Shaft	S.S. AISI 420				S.S. 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 Premier Fluid Systems Inc.



Premier Fluid Systems
Canadian Home Of Travaini Pumps