

TBH 400

Self-Priming Multi Stage Centrifugal Pump



TRAVAINI

- HEAD** : 60 to 970 FT.
CAPACITY : 30 to 60 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 OPTIONS : Mechanical seal - Double mechanical seals optional
ACCESSORIES : Bareshaft pump - Coupled to electric motor on baseplate - Monoblock
 : 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	32		38		44		50		56		63	
	m³/h	7.27		8.63		10.00		11.35		12.71		14.30	
MODEL	Flange size In/Out 1 1/2"	FT	HP	FT	HP	FT	HP	FT	HP	FT	HP	FT	HP
TBH 401		174	4.9	144	4.1	125	3.7	98	3.0	76	2.7	52	2.3
TBH 402		348	9.7	296	8.5	252	7.6	201	6.6	158	5.7	106	4.8
TBH 403		522	14.5	447	12.9	379	11.5	304	10.1	240	8.8	159	7.4
TBH 404		695	19.2	599	17.2	505	15.3	407	13.7	322	11.8	213	9.9
TBH 405		869	24	750	22	632	19.2	511	17.3	404	14.9	266	12.4
TBH 406		--	--	902	26	759	23	614	21	486	17.9	320	14.9
NPSH	FT	8.9		9.8		12.6		15.4		18		22	

STANDARD MATERIALS OF CONSTRUCTION **

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Part No.	Description	GH	RA	A3	B2	GP
106	Suction casing	Ductile iron		Stainless steel AISI 316	Bronze	Ductile iron
107	Discharge casing					
109 114 149	Port plate & Diffuser	Cast iron				Cast iron
210	Shaft	S.S. AISI 420	S.S. AISI 420			
230	Impeller	Brass				
310.1	Element bush	---		Carbon	---	Bronze
357	Bearing & mech. seal housing	Cast iron		Cast iron with Stainless steel insert		Cast iron

MODEL DESIGNATION

T B H 403 A / 1 - C / A3 - M	
T	Travaini manufacturer
B	Self-priming multistage centrifugal pump
H	Type of construction
40	Pump size
3	Number of stages
A	Modification of hydraulics
1	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.)

**Special Materials Available Upon Request

-For further information please consult Premier Fluid Systems Inc.



Premier Fluid Systems
 Canadian Home Of Travaini Pumps

July/2010
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