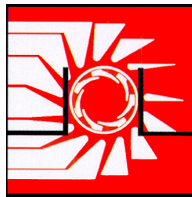
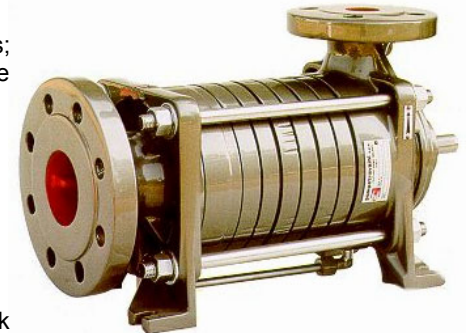


TBA 300 Low NPSH Self-Priming Multi Stage Centrifugal Pump



TRAVAINI

- HEAD** : 65 to 1100 FT.
CAPACITY : 5 to 25 USGPM
FEATURES : Self-priming multi stage centrifugal pumps with horizontal mounting, end suction and top discharge flanges; Very low NPSH requirements; They are suitable for handling boiling liquids & other difficult or volatile liquids; Especially suited to handle liquids with entrained gases and liquefied gases such as LPG; Low operating speed; Parts are interchangeable with the TBH series, thus reducing need to stock spare parts for both series; 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 seal optional
OPTIONS : Bareshaft pump - Coupled to electric motor on baseplate - Monoblock
ACCESSORIES : Cooled or heated seal housing are available; Optional upgrade to Mechanical seal with Silica Carbide or Tungsten Carbide faces



TECHNICAL DATA at 1750 RPM (60 HZ)

CAPACITY	USGPM	5		10		15		18		22		25	
	m ³ /h	1.14		2.3		3.4		4.1		5.0		5.7	
MODEL		FT	HP	FT	HP	FT	HP	FT	HP	FT	HP	FT	HP
TBA 301	Flange size In 2 1/2" Out 1 1/4"	203	2.9	170	2.7	131	2.3	115	1.9	79	1.6	62	1.4
TBA 302		386	5.2	314	4.6	242	3.9	202	3.3	139	2.7	99	2.3
TBA 303		568	7.4	459	6.5	352	5.4	288	4.6	199	3.8	136	3.2
TBA 304		751	9.7	603	8.4	463	7.0	375	6.0	259	4.9	173	4.1
TBA 305		934	12.0	748	10.2	574	8.5	462	7.3	319	5.9	211	5.1
TBA 306		1116	14.2	892	12.1	685	10.1	549	8.7	379	7.0	248	6.0
NPSH	FT	3.5		4.0		4.5		4.7		4.2		4.3	
*ΔNPSH		0.66		0.66		0.66		0.66		0.66		0.66	

*ΔNPSH - Minimum positive head required for liquids in boiling conditions

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	Cast iron				S.S. AISI 420	Cast iron
109 114 149	Port plate & Diffuser	Cast iron			Bronze		Brass
210	Shaft	S.S. AISI 420					Carbon
230	Impeller	Brass		Carbon	---	Brass	
310.1	Element bush	---		Carbon	---	Brass	
357	Bearing & mech. seal housing	Cast iron					

**Special Materials Available Upon Request

-For further information please consult Premier Fluid Systems Inc.

MODEL DESIGNATION

T B A 303 A / 2 - R / A3 - M	
T	Travaini manufacturer
B	Self-priming multistage centrifugal pump
A	Type of construction
30	Pump size
3	Number of stages
A	Modification of hydraulics
2 - R	Construction modifications – Single mechanical seal
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.)



Premier Fluid Systems
Canadian Home Of Travaini Pumps