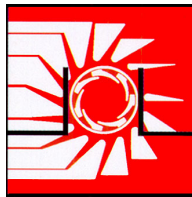


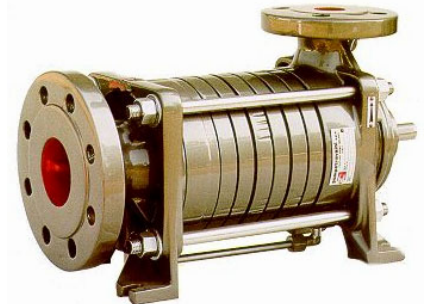
TBA 500

Self-Priming Multi Stage Centrifugal Pump



TRAVAINI

- HEAD** : 60 to 990 FT.
CAPACITY : 55 to 105 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 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 : Bare shaft 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

CAPACITY	USGPM	55		65		75		85		95		105	
	m³/h	12.49		14.76		17.03		19.30		21.58		23.85	
MODEL		FT	HP	FT	HP	FT	HP	FT	HP	FT	HP	FT	HP
TBA 501	Flange size In 4" Out 2"	236	11.6	210	10.9	190	10.2	157	9.5	128	8.2	75	6.8
TBA 502		413	20.0	365	18.9	326	17.3	274	15.9	216	13.6	128	10.5
TBA 503		591	29	520	27.0	462	24	390	22	303	19	180	14.3
TBA 504		768	38	674	35	598	32	507	29	391	24	233	18
TBA 505		945	47	829	43	735	39	624	35	478	30	285	22
TBA 506		--	--	984	51	871	46	741	41	566	35	338	26
NPSH	FT	3.8		3.9		4.2		4.5		4.9		5.2	
*ΔNPSH		1.9		2.2		2.5		2.7		3.0		3.3	

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

MODEL DESIGNATION

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

T B A 503 A / 2 - R / A3 - M	
T	Travaini manufacturer
B	Self-priming multistage centrifugal pump
A	Type of construction
50	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.)

**Special Materials Available Upon Request

-For further information please consult Premier Fluid Systems Inc.



Premier Fluid Systems
 Canadian Home Of Travaini Pumps

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