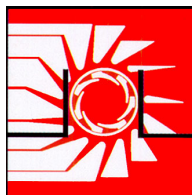


# TBH 200

## Self-Priming Multi Stage Centrifugal Pump



# TRAVAINI

- HEAD** : 40 to 700 FT.  
**CAPACITY** : 2 to 12 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	2		4		6		8		10		12	
	m <sup>3</sup> /h	0.45		0.90		1.36		1.81		2.27		2.72	
MODEL	Flange size In/Out 3/4"	FT	HP	FT	HP	FT	HP	FT	HP	FT	HP	FT	HP
TBH 201		115	1.1	99	1	82	0.9	72	0.8	59	0.7	43	0.6
TBH 202		227	2	197	1.8	164	21.6	137	1.4	1108	1.2	78	1
TBH 203		339	3	296	2.7	246	2.4	201	2.1	156	1.8	113	1.4
TBH 204		451	3.9	394	3.5	328	3.1	266	2.7	150	2.3	148	1.8
TBH 205		563	4.8	492	4.3	410	3.8	331	3.3	254	2.9	184	2.2
TBH 206		675	5.8	590	5.1	492	4.5	396	3.9	303	3.4	219	2.6
<b>NPSH</b>	<b>FT</b>	7.9		7.9		8		8.9		10.9		13.1	

### MODEL DESIGNATION

T B H 203 A / 1 - C / A3 - M	
T	Travaini manufacturer
B	Self-priming multistage centrifugal pump
H	Type of construction
20	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.)

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				Cast iron
109 114 149	Port plate & Diffuser	Cast iron				Cast iron
210	Shaft	S.S. AISI 420				S.S. AISI 420
230	Impeller	Brass				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

**DATA BASED ON :**

**LIQUID TEMPERATURE** 86 °F - 30 °C  
**SPECIFIC GRAVITY** 1 Kg/dm<sup>3</sup>  
**VISCOSITY** 32 SSU - 1 °E

**316 S.S.**

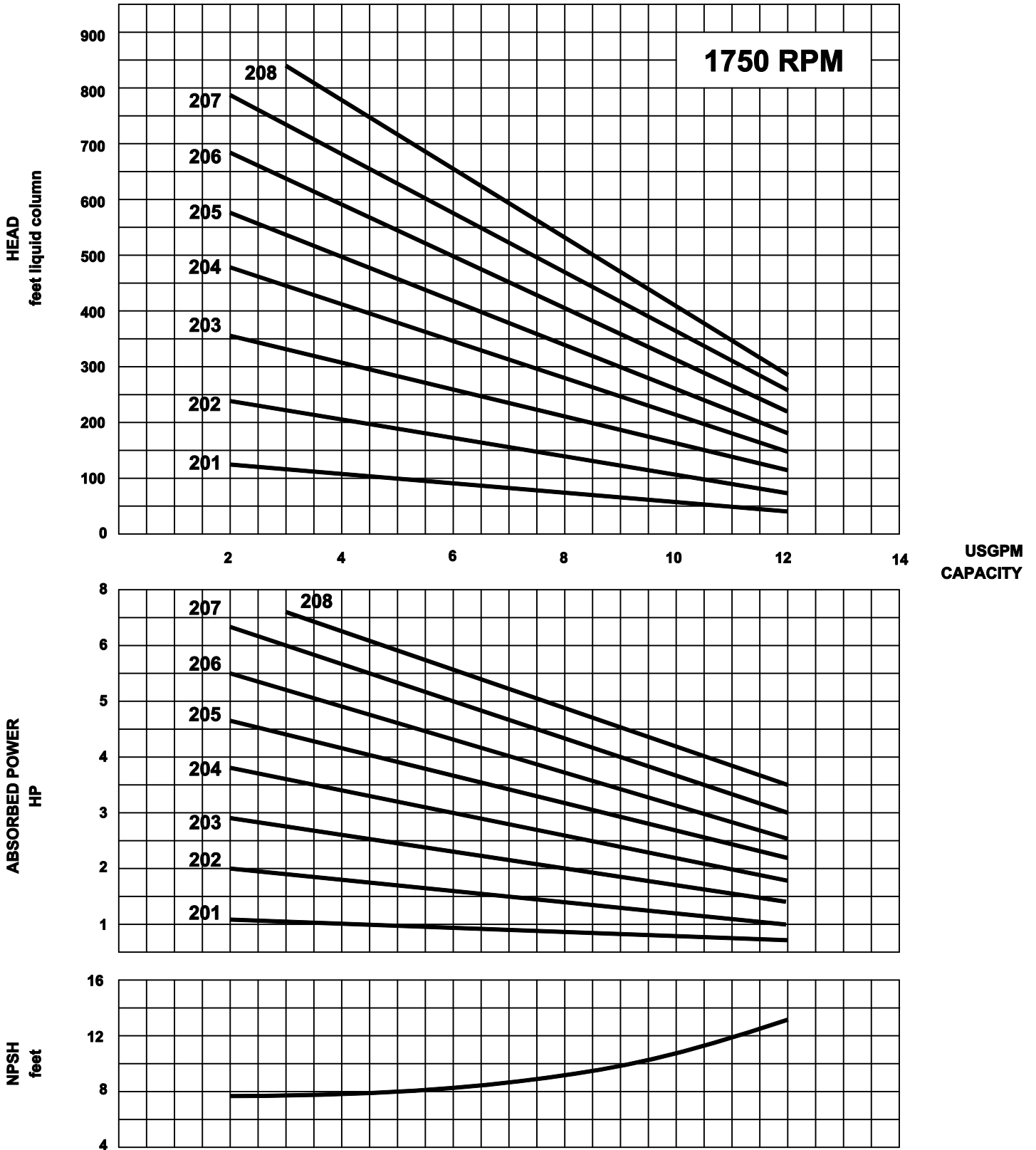
**CAPACITY : ± 5%**  
**HEAD : - 10%**  
**HP : + 10%**

**C.I. - BRONZE**

**CAPACITY : ± 5%**  
**HEAD : ± 5%**  
**HP : + 10%**

**PERFORMANCE DATA**  
**SELF-PRIMING CENTRIFUGAL PUMP**  
**TRAVAINI PUMP MODEL**

**TBH 201 to 208**



**Premier Fluid Systems**  
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