

**TBK 500**  
**Multi-stage, Self-Priming**  
**Centrifugal Pump**



200 Newsome Drive  
 Yorktown, VA 23693  
 1-800-535-4243  
 www.Travaini.com



<b>Head Capacity</b>	50 to 1000 Feet
<b>Capacity</b>	53 to 112 USGPM
<b>Features</b>	Magnetically coupled design allows for leak-proof operation
<b>Shaft Sealing</b>	Mechanical seal (std) Double mechanical seal Packing Seal
<b>Options</b>	Bareshaft Pump Coupled to electric motor
<b>Temperature</b>	GS & RA: -20°C-280°C A3, HC, & DU: -40°C-280°C

**Technical Data**

PUMP TYPE		TBK501	TBK502	TBK503	TBK504	TBK505	TBK506	TBK507	TBK508
Head, max	Ft	198	390	515	720	900	1000	1000	1000
Capacity, max	GPM	112	112	112	112	112	112	112	112
Speed	RPM	1750	1750	1750	1750	1750	1750	1750	1750

**Standard Materials of Construction\*\***

Part No.	Description	GS	RA	A3	B2	GP
106	Suction Casing	Ductile iron		Carbon	Bronze	Ductile iron
107	Discharge Casing					
109 114	Port plate & Diffuser	Cast iron				Cast iron
210	Shaft	Stainless Steel AISI 420	Stainless steel AISI 420			Stainless steel 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

**Model Designation**

<b>TBK503 A/1X-C/A3</b>	
T	Travaini manufacturer
B	Self-priming multistage centrifugal pump
K	Magnetically coupled
50	Pump size
3	Number of stages
A	Modification of hydraulic design
1X	Constructive project number
C	Shaft Sealing: C—single mechanical seal 2C— Double mechanical seal B—Packing seal
A3	Materials of construction

\*\*Special Materials Available Upon Request  
 --For further information please consult Travaini Pumps USA.

REF:	XX/XX	Date	9/12/2014	Nº:	XX.XX.X.XX
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