

TCH 100 Centrifugal Pump



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Head Capacity	35 to 450 Feet
Capacity	Up to 1800 USGPM
Features	Oversized alloy shaft to minimize deflection and vibrations
Shaft Sealing	Mechanical seal (standard) Double mechanical seal Packed stuffing box
Options	Bareshaft pump Coupled to electric motor Monoblock
Temperature	GS & RA: -20°C-280°C A3, HC, & DU: -40°C-280°C

Technical Data

PUMP TYPE		TCH100-200		TCH100-250		TCH100-315
Head, max	Ft	75	300	118	450	174
Capacity, max	GPM	920	1150	990	1800	935
Speed	RPM	1750	3500	1750	3200	1750

Standard Materials of Construction**

Part No.	Description	GS	RA	A3	HC	DU
102	Pump casing	Ductile iron			Hastealloy C	ASTM-CN7M
135	Wear plates	-	Cast iron			
161	Casing cover	Ductile iron				
210	Shaft	Stainless steel AISI 316			Incoloy 825	
230	Impeller				ASTM-CN7M	
330	Bearing housing	Cast iron				
524	Shaft sleeve	Stainless steel AISI 316		Hastealloy C	Incoloy 825	

Model Designation

TCH100-200 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
H	Closed impeller
100	Discharge flange size (mm)
200	Nominal diameter of impeller (mm)
A	Modification of hydraulic design
1X	Constructive project number
C	Shaft sealing: C—Single mechanical seal 2C— Double mechanical seal
A3	Materials of construction

**Special materials available upon request

--For further information please consult Travaini Pumps USA.