

TCH 125 Centrifugal Pump



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Head Capacity	25 to 175 Feet
Capacity	Up to 1680 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		TCH125-250	TCH125-315
Head, max	Ft	115	174
Capacity, max	GPM	1680	1530
Speed	RPM	1750	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

<u>TCH125-250 A/1X-C/A3</u>	
T	Travaini manufacturer
C	Monostage centrifugal pump
H	Closed impeller
125	Discharge flange size (mm)
250	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.