

TCH 40 Centrifugal Pump



Head Capacity	10 to 480 Feet
Capacity	Up to 250 USGPM
Features	Oversized alloy shaft to minimize deflection and vibrations
Shaft Sealing	Mechanical seal (standard) Double mechanical seal Packing 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		TCH40-125		TCH40-160		TCH40-200		TCH40-250	
Head, max	Ft	31	119	50	210	76	300	118	480
Capacity, max	GPM	115	200	113	230	115	220	132	250
Speed	RPM	1750	3500	1750	3500	1750	3500	1750	3500

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

TCH40-200 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
H	Closed impeller
40	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.

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