

TCH 50 Centrifugal Pump



200 Newsome Drive
Yorktown, VA 23693
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Head Capacity	21 to 475 Feet
Capacity	Up to 440 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		TCH50-125		TCH50-160		TCH50-200		TCH50-250		TCH50-315	
Head, max	Ft	30	115	49	200	73	300	118	472	180	
Capacity, max	GPM	200	390	246	440	220	440	238	440	238	
Speed	RPM	1750	3500	1750	3500	1750	3500	1750	3500	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

TCH50-200 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
H	Closed impeller
50	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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