

TCH 80 Centrifugal Pump



Head Capacity	20 to 460 Feet
Capacity	Up to 1200 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		TCH80-160		TCH80-200		TCH80-250	
Head, max	Ft	50	200	72	317	115	460
Capacity, max	GPM	550	1100	600	1170	800	1200
Speed	RPM	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

TCH80-200 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
H	Closed impeller
80	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.