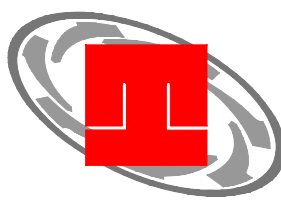


TCH 65

End-Suction Centrifugal Pump for Handling Clean to Slightly Contaminated Liquids



travaini

- HEAD** : 10 to 475 FT.
CAPACITY : To 830 USGPM
FEATURES : Oversized 316SS shaft to minimize deflection and vibrations for optimal mechanical seal life; Positive bearing locking; Oversized bearings to handle both axial and radial loads; Volute cover and bearing housing designed as "Back Pull-Out" assembly for ease of servicing; Generous oil capacity for positive lubrication of the submerged bearings; Magnetic plug to trap metallic impurities from the oil; Corrosion allowance in excess of 3mm; High hydraulic efficiency and low NPSH requirements; Safety, durability, lower operating costs; Optional cooling water jacket design.
- SHAFT SEALING** : Crane 502 Carbon/SiCar/Viton single mechanical seal standard. Others available, including double seals.
- OPTIONS** : Bareshaft - Directly coupled to electric motor mounted on baseplate.
- TEMPERATURE LIMITS** : GS & RA: Min. -20°C; Max. 280°C (Except for water)
 A3, HC & DU: Min. -40°C; Max. 280°C (Except for water)
- MAX DISCHARGE PRESS** : 232 PSI (16 bar) to 248°F (120°C); 170 PSI (11 bar) to 536°F (280°C)
- FLANGES** : UNI 2223-2229 Drilled to ANSI B16.5 (Class 150)



TECHNICAL DATA

PUMP TYPE		TCH 65-125		TCH 65-160		TCH 65-200		TCH 65-250		TCH 65-315
Head, Max	FT	34	120	50	200	73	300	118	475	180
Capacity, Max	GPM	325	670	400	750	400	830	390	750	445
Speed	RPM	1750	3500	1750	3500	1750	3500	1750	3500	1750

MODEL DESIGNATION

TCH 65 - 200 A / 1X - C / GS	
T	Travaini Manufacturer
C	End Suction Centrifugal Pump
H	Impeller Series (Closed Type)
65	Discharge Flange Size (mm)
200	Nominal Impeller Diameter (mm)
A	Hydraulic Design Status
1X	Mechanical Design Status
C	Shaft Seal Type
GS	Materials of Construction

STANDARD MATERIALS OF CONSTRUCTION

PART No.	DESCRIPTION	GS	RA	A3	HC	DU
102	Pump Casing	Ductile Iron			Hastelloy C	ASTM-CN7M
161	Casing Cover	Ductile Iron				ASTM-CN7M
210	Shaft	Stainless Steel AISI 316				Incoloy 825
524	Shaft Sleeve	Stainless Steel AISI 316				Incoloy 825
502	Wear Rings	Cast Iron			Cast Iron	ASTM-CN7M
230	Impeller	Cast Iron				ASTM-CN7M
330	Bearing Housing	Cast Iron				ASTM-CN7M

- For further information please consult Premier Fluid Systems Inc.



Premier Fluid Systems
 Canadian Home of Travaini Pumps