

TCT 50 Centrifugal Pump



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Head Capacity	20-178 Feet
Capacity	Up to 315 GPM
Features	Semi-open impeller design allows for the handling of viscous liquids
Shaft Sealing	Mechanical seal (std.) Double mechanical seal Packed stuffing box
Options	Bareshaft pump Coupled to electric motor Spacer coupling Monoblock
Temperature	GS & RA: -20°C-280°C A3, HC, & DU: -40°C-280°C

Technical Data

PUMP TYPE		TCT50-125		TCT50-160		TCT50-200		TCT50-250	TCT50-315
Head, max	Ft	21	80	38	160	73	278	125	178
Capacity, max	GPM	155	420	230	413	275	420	340	315
Speed	RPM	1750	3500	1750	3500	1750	3500	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

TCT50-200 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
T	Open vortex 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.

REF:	JGJ/RR	Date	3/17/2015	Nº:	100496.000
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