

TCT 40 Centrifugal Pump



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Head Capacity	9-85 Feet
Capacity	Up to 255 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		TCT40-125		TCT40-160		TCT40-200		TCT40-250
		Ft	GPM	RPM	Ft	GPM	RPM	Ft
Head, max	Ft	24	97	46	190	73	300	119
Capacity, max	GPM	115	190	110	240	123	250	220
Speed	RPM	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	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

TCT40-200 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
T	Open vortex 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.