

TCTM 50 Centrifugal Pump



200 Newsome Drive
Yorktown, VA 23693
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Head Capacity	20-180 Feet
Capacity	Up to 440 GPM
Features	Open vortex impeller design allows for the handling of solid and 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		TCTM50-125		TCTM50-160		TCTM50-200		TCTM50-250	TCTM50-315
		Ft	GPM	RPM	Ft	GPM	RPM	Ft	GPM
Head, max	Ft	20	72	40	164	65	278	115	180
Capacity, max	GPM	155	405	230	405	285	440	330	310
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	Hastealloy C	ASTM-CN7M
135	Wear plates	-	Cast iron			
161	Casing cover	Ductile iron				
210	Shaft	Stainless steel AISI 316			Incoloy 825	
230	Impeller	Stainless steel AISI 316			ASTM-CN7M	
330	Bearing housing	Cast iron				
524	Shaft sleeve	Stainless steel AISI 316		Hastealloy C	Incoloy 825	

Model Designation

TCTM50-200 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
T	Open vortex impeller
M	Monoblock Construction
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:	JM/CGZ	Date	8/9/2019	No:
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