

TCHM 40 Centrifugal Pump



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Head Capacity	10 to 470 Feet
Capacity	Up to 250 USGPM
Features	Closed impeller design for use with clean or muddy liquids
Shaft Sealing	Mechanical seal (standard) Double mechanical seal Packing 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		TCHM40-125		TCHM40-160		TCHM40-200		TCHM40-250		TCHM 40-315
Head, max		31	119	50	200	76	300	118	470	180
Capacity, max	GPM	115	200	105	210	110	220	132	250	130
Speed	RPM	1750	3500	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		ASTM-CN7M
135	Wear plates	-	Cast iron			
161	Casing cover	Ductile iron				
210	Shaft	Stainless steel AISI 316			Incoloy 825	ASTM-CN7M
230	Impeller					
330	Bearing housing	Cast iron				
524	Shaft sleeve	Stainless steel AISI 316		Hastealloy C	Incoloy 825	

Model Designation

TCHM40-125 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
H	Closed impeller
M	Monoblock Construction
40	Discharge flange size (mm)
125	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	8/13/2019	No:
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