

# TCHM 80 Centrifugal Pump



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<b>Head Capacity</b>	20 to 115 Feet
<b>Capacity</b>	Up to 1050 USGPM
<b>Features</b>	Closed impeller design for use with clean or muddy liquids
<b>Shaft Sealing</b>	Mechanical seal (standard) Double mechanical seal Packed stuffing box
<b>Options</b>	Bareshaft pump Coupled to electric motor Monoblock
<b>Temperature</b>	GS & RA: -20°C-280°C A3, HC, & DU: -40°C-280°C

## Technical Data

PUMP TYPE		TCHM80-160		TCHM80-200	TCHM80-250
Head, max	Ft	50	190	77	115
Capacity, max	GPM	525	1050	600	650
Speed	RPM	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

TCHM80-200 A/1X-C/A3	
T	Travaini manufacturer
C	Monostage centrifugal pump
H	Closed impeller
M	Monoblock Construction
80	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	8/13/2019	Nº:
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