

# MCU-CH 100 Centrifugal Pump



200 Newsome Drive  
Yorktown, VA 23693  
1-800-535-4243  
www.Travaini.com



<b>Head Capacity</b>	35 to 278 Feet
<b>Capacity</b>	Up to 950 USGPM
<b>Features</b>	High hydraulic efficiencies and low NPSH requirements
<b>Shaft Sealing</b>	Mechanical seal (standard) Double mechanical seal Packed stuffing box
<b>Options</b>	Bareshaft pump Coupled to electric motor
<b>Temperature</b>	GS & RA: -20°C-280°C A3, HC, & DU: -40°C-280°C

## Technical Data

PUMP TYPE		MCU-CH100-400
Head, max	Ft	174
Capacity, max	GPM	935
Speed	RPM	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

MCU200-315 A/1X-C/A3	
MCU	Travaini manufacturer
C	Monostage centrifugal pump
H	Impeller type
100	Discharge flange size (mm)
400	Nominal impeller diameter
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.

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