

# TMA 40 Multi-stage Centrifugal Pump



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<b>Head Capacity</b>	250-1050 Feet
<b>Capacity</b>	54-133 GPM
<b>Features</b>	Closed impellers in series increase the head as the fluid is transferred from one impeller to the next
<b>Shaft Sealing</b>	Mechanical seals Double mechanical seals Packed stuffing box
<b>Options</b>	Bareshaft pump Coupled to electric motor Monoblock mounting
<b>Temperature</b>	F, RA, A3: -14 F—320 F

## Technical Data

Capacity	USGPM	60		80		100		120		130	
Model		Ft	HP	Ft	HP	Ft	HP	Ft	HP	Ft	HP
TMA40-3		350	11.2	337	13.1	312	14.6	268	15.5	248	15.9
TMA40-4	Flange size	329	14.7	368	17	418	18.6	368	20.3	339	21
TMA40-5	Inlet : 2-1/2"	580	18.6	563	21.3	518	23.3	459	25.3	423	26.2
TMA40-6	Outlet : 2"	701	22.1	670	25.2	618	28	550	30.4	508	31.2
TMA40-7		819	25.9	785	29.8	730	33.6	640	36	588	37
TMA40-8		940	29.8	900	33.8	828	37.9	732	41	625	42.3
TMA40-9		1050	33.5	1010	38	930	42.5	825	46	755	47.7
<b>NPSH</b>	FT	9		12		18		26		28	

## Standard Materials of Construction\*\*

Part No.	Description	F	RA	A3
<b>106</b>	Suction casing	Ductile iron		
<b>107</b>	Discharge casing			
<b>108.1</b>	Diffuser	Cast iron		
<b>210</b>	Shaft	Stainless steel AISI 420	Stainless steel AISI 316	
<b>230</b>	Impeller			
<b>350-353-357</b>	Bearing housing	Cast iron		
<b>524</b>	Shaft sleeve	Stainless steel AISI 316		

## Model Designation

<b>TMA40-3A/1X-C/A3</b>	
T	Travaini manufacturer
M	Multistage centrifugal pump
A	Max pressure 40 Bar
32	Pump size
3	Number of stages
A	Revision
1X	Constructive project number
C	Shaft sealing: C—single mechanical seal 2C— Double mechanical seal B—Packing seal
A3	Materials of construction (See table)

\*\*Special materials available upon request

-For further information please consult Travaini Pumps USA.

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