

TMA 50 Multi-stage Centrifugal Pump



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Head Capacity	290-1248 Feet
Capacity	103-240 GPM
Features	Closed impellers in series increase the head as the fluid is transferred from one impeller to the next
Shaft Sealing	Mechanical seals Double mechanical seals Packed stuffing box
Options	Bareshaft pump Coupled to electric motor Monoblock mounting
Temperature	F, RA, A3: -14 F—320 F

Technical Data

Capacity	USGPM	100		140		180		200		230	
Model		Ft	HP	Ft	HP	Ft	HP	Ft	HP	Ft	HP
TMA50-3		462	21.8	428	25	380	28.2	355	29.9	300	31.7
TMA50-4	Flange size	617	29	575	33	508	37.8	465	40	398	41.9
TMA50-5	Inlet 2-1/2"	765	36	715	41.7	634	47.4	580	48.7	500	52
TMA50-6	Outlet : 2"	925	43.4	851	51.2	758	58	702	61.7	600	63.8
TMA50-7		1075	51.5	1000	57.8	880	66	825	68	700	73.5
TMA50-8		800	57	945	66	1015	75	1146	78	1225	84
NPSH	FT	7		11		14		17		22	

Standard Materials of Construction**

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

Model Designation

TMA50-3A/1X-C/A3	
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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