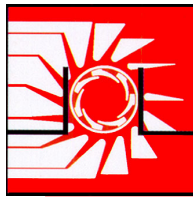


TMA 32/1-C Multi Stage Centrifugal Pump



TRAVAINI

- HEAD** : 225 to 1150 FT.
CAPACITY : 30 to 80 USGPM
FEATURES : Multi-stage centrifugal pumps which employ a closed type impeller design; Axial thrusts are balanced by special blades on back of impellers; Heavy duty outboard single bearing and angular bearing absorb remaining thrusts; One-piece stage/diffuser element increases efficiencies, simplifies maintenance and reduces weight
SHAFT SEALING : Single mechanical seals - (Optional) One mechanical seal with outboard bearing and sleeve bearing design - Double mechanical seals
OPTIONS : Bareshaft - Close-coupled monoblock - Directly coupled to electric motor - Mounted on baseplate
OPERATING LIMITS : Maximum liquid temperature 250°F; Max. liquid temp. with cooled seal housing 320°F; Max. discharge pressure 580 PSIG; Max. suction pressure of 230 PSIG;
Note: the type of mechanical seal used also dictates temperature limits
FLANGE ORIENTATION : Standard – Suction facing left viewed from drive end
 Optional – Suction facing right or top viewed from drive end



TECHNICAL DATA at 3500 RPM (60 HZ)

CAPACITY	USGPM	30		40		50		60		70		80	
		FT	HP	FT	HP	FT	HP	FT	HP	FT	HP	FT	HP
MODEL	Flange size In 1 1/2" Out 1 1/4"	378	6.3	369	6.7	351	7.8	324	8.5	282	9.1	228	9.4
TMA 32-3		504	8.4	492	9.0	468	10.4	432	11.4	376	12.2	304	12.6
TMA 32-4		630	10.5	615	11.2	585	13.0	540	14.2	470	15.2	380	15.8
TMA 32-5		756	12.6	738	13.5	702	15.6	648	17.1	564	18.3	456	19.0
TMA 32-6		882	14.7	861	15.7	819	18.2	756	20.0	658	21.3	532	22.1
TMA 32-7		1008	16.8	984	18.0	936	20.8	864	22.8	752	24.4	608	25.2
TMA 32-8		1134	18.9	1107	20.2	1053	23.4	972	25.6	846	27.4	684	28.4
TMA 32-9													
NPSH	FT	5.6		6.2		7.0		8.2		9.8		12	

MODEL DESIGNATION

TMA 32 - 4 / 1 - C / F - M

T	Travaini manufacturer
M	Multi-stage centrifugal pump
A	High pressure
32	Pump series
4	Number of stages
1	Construction design level 1 = Standard bearings 1x = Double bearings at drive end
C	Type of sealing on shaft C = 2 Mechanical seals RR = Double mec. seals back to back R2 = Double mec. seals in series
F	Materials of construction (see table)
M	Monoblock construction

STANDARD MATERIALS OF CONSTRUCTION **

Part No.	Description	F		GH
		Ductile iron		
106	Suction casing	Ductile iron		Cast iron
107	Discharge casing			
108.1	Stage casing	Cast iron		
165	Heating or Cooling cover			
210	Shaft	Stainless steel AISI 420		
230	Impeller	Cast iron	Brass	
357	Bearing & mech. seal housing	Cast iron		

**Special Materials Available Upon Request
 -For further information please consult Premier Fluid Systems Inc.



Premier Fluid Systems
 Canadian Home Of Travaini Pumps

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