

TCHM 40 Centrifugal Pump



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| | |
|----------------------|--|
| Head Capacity | 10 to 470 Feet |
| Capacity | Up to 250 USGPM |
| Features | Closed impeller design for use with clean or muddy liquids |
| Shaft Sealing | Mechanical seal (standard) Double mechanical seal Packing stuffing box |
| Options | Bareshaft pump Coupled to electric motor Monoblock |
| Temperature | GS & RA: -20°C-280°C A3, HC, & DU: -40°C-280°C |

Technical Data

| PUMP TYPE | TCHM40-125 | | TCHM40-160 | | TCHM40-200 | | TCHM40-250 | | TCHM 40-315 | |
|---------------|------------|------|------------|------|------------|------|------------|------|-------------|------|
| Head, max | 31 | 119 | 50 | 200 | 76 | 300 | 118 | 470 | 180 | |
| Capacity, max | GPM | 115 | 200 | 105 | 210 | 110 | 220 | 132 | 250 | 130 |
| Speed | RPM | 1750 | 3500 | 1750 | 3500 | 1750 | 3500 | 1750 | 3500 | 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

| TCHM40-125 A/1X-C/A3 | |
|-----------------------------|--|
| T | Travaini manufacturer |
| C | Monostage centrifugal pump |
| H | Closed impeller |
| M | Monoblock Construction |
| 40 | Discharge flange size (mm) |
| 125 | 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.

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| REF: | JM/CGZ | Date | 8/13/2019 | Nº: |
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