

TBAK 500
Multi-stage, Self-Priming
Centrifugal Pump



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



| | |
|----------------------|--|
| Head Capacity | 52 to 110 Feet |
| Capacity | 32 to 63 USGPM |
| Features | Low NPSH requirements make this pump especially suited to handle LPG, Magnetic coupling ensures for leak-proof operation |
| Shaft Sealing | Mechanical seal (std) Double mechanical seal Packed 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 | | TBA501 | TBA502 | TBA503 | TBA504 | TBA505 | TBA506 | TBA507 | TBA508 |
|---------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|
| Head, max | Ft | 200 | 400 | 550 | 740 | 920 | 1000 | 1000 | 1000 |
| Capacity, max | GPM | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 |
| Speed | RPM | 1750 | 1750 | 1750 | 1750 | 1750 | 1750 | 1750 | 1750 |

Standard Materials of Construction**

| Part No. | Description | GS | RA | A3 | B2 | GP |
|-------------------|------------------------------|--------------------------|--------------------------|---------------------------------------|--------|--------------------------|
| 106 | Suction Casing | Ductile iron | | | | Ductile iron |
| 107 | Discharge Casing | Ductile iron | | | | Ductile iron |
| 109 114 149 | Port plate & Diffuser | Cast iron | | | Bronze | Cast iron |
| 210 | Shaft | Stainless Steel AISI 420 | Stainless steel AISI 420 | | | Stainless steel AISI 420 |
| 230 | Impeller | Brass | | | Bronze | Brass |
| 310.1 | Element bush | - | | Carbon | - | Bronze |
| 357 | Bearing & mech. seal housing | Cast iron | | Cast iron with stainless steel insert | | Cast iron |

Model Designation

| TBAK503 A/1X-C/A3 | |
|--------------------------|--|
| T | Travaini manufacturer |
| B | Self-priming multistage centrifugal pump |
| A | Impeller Type |
| K | Magnetically coupled |
| 50 | Pump size |
| 3 | Number of stages |
| A | Modification of hydraulic design |
| 1X | Constructive project number |
| C | Shaft Sealing: C—single mechanical seal 2C— Double mechanical seal B—Packing seal |
| A3 | Materials of construction |

**Special Materials Available Upon Request
--For further information please consult Travaini Pumps USA.

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|------|-------|------|-----------|-----|------------|
| REF: | XX/XX | Date | 9/12/2014 | Nº: | XX.XX.X.XX |
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