



BT-HMK 512 SUBMERSIBLE PUMP Food Grade Helical Rotor Pump with Hopper

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PRODUCT OVERVIEW

Positive displacement helical pump designed for foodstuff applications.
Features a hopper with worm drive for handling very high-viscosity products.

TECHNICAL SPECIFICATIONS TABLE

Parameter	Value
Maximum Flow	15 m ³ /h (250 l/min)
Maximum Head	6 bar (60 mWC)
Power Range	0.75 – 7.5 kW (1 – 10 hp)
Temperature Range	-25°C to +150°C
Maximum Viscosity	250,000 cP
Rotation Speed (50 Hz)	40 – 650 rpm
Rotation Speed (60 Hz)	50 – 750 rpm
Material	AISI 316 Stainless Steel

MATERIALS OF CONSTRUCTION

- Pump Housing: AISI 316 Stainless Steel
- Stator: White NBR Perbunan (food grade)
- Rotor: Hardened tool steel
- Seals: Single internal mechanical seal
- Optional: EPDM or Viton stators

CONNECTION OPTIONS

Standard: DIN 11851

Optional: • GAS • CLAMP • IDF • SMS • Flanges

SPECIAL OPTIONS

- Heated body for temperature control
- Inferior drain port
- Special dimensions
- Two-stage configuration
- Polished finish (instead of bashed matt)

APPLICATIONS SUMMARY

- Food Processing • Dairy Products
- Confectionery • Fruit Processing
- Meat Processing • Sauce Manufacturing
- Bakery Ingredients • Beverage Syrups

ENGINEERING NOTES

The BT-HMK 512 features Altec's heavy duty bearing frame design. The angular, muscular frame construction ensures long service life in continuous food processing environments.

CERTIFICATIONS

- ✓ FDA compliant materials
- ✓ EC1935/2004 food contact
- ✓ ISO 9001:2015
- ✓ CE marked
- ✓ ATEX options available

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