

TTABQ-Roots Rotor Pump

Overview of product



TTABQ series Roots rotor pump is my company for crude oil, petrochemical, paper, food hygiene, environmental protection and other industries developed sewage volume pump, which relies on two synchronized reverse the rotor pressure generated during rotation changes in the suction and discharge of materials, with the traditional centrifugal pumps, screw pumps, compared with high efficiency, energy saving, no leakage, simple maintenance, long life, low vibration, low noise and many other features, in addition to conveying water, oil and similar water , outside the ordinary medium oil, especially suitable for transporting temperature in a variety of high-viscosity, high concentration of media containing solid particles and oil, gas and water mixture multiphase medium -30 to +200 °C is the crude oil extraction industry, chemical industry, paper industry, water treatment industry, food processing industry, beverage brewing industry, construction, recycling and other industries to enhance oil and gas mixing equipment ideal medium containing solid particles containing viscous gases.

Features of product

Performance range

Pressure range: 0.2MPa ~ 2MPa (1.0MPa above require specialized customized);

Flow range: 2m³ / h ~ 300m³ / h;

Temperature range: -30 °C ~ 200 °C;

Kinematic viscosity range: 1mm² / s ~ 110000mm² / s.

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Technical advantage

1 A crude oil: Crude oil transportation, sewage, a small oil and gas multiphase polymer delivery.

2 Chemical Industry: fat, paints, coatings, lubricants, greases, petroleum catalysts and other chemical raw materials transportation,

3 paper industry: low concentration slurry, the slurry concentration, high concentration slurry transportation.

4 Pharmaceutical Industry: paste various types of pills, extracts, emulsifiers, syrup, nutrition, medicine, poultice, biological products, vaccines and other drugs delivery.

5 Green Industry: Sewage Treatment and Disposal.

6 food industry: beer, malt, yeast, fruit drinks, fruit puree, jam, edible oil, syrup, chocolate milky food delivery.

7 construction industry: interior and exterior paint, waterproof anti-corrosion coating, cold porcelain paint, ceramic glazes and other coatings transport.

8 Other industries: plastics industry, textile industry, coal flotation agent, bio-chemical and other industries.

Features:

A compact structure, easy installation, simple maintenance

The pump uses advanced technology design, maintenance access without removing the pipe, simply remove the cap to replace worn parts, giving users great convenience.

(2) low noise, low vibration, smooth operation

Using a special design, the pump rotor material with reasonable, smooth operation, low noise, high efficiency, long life characteristics to solve the maintenance of large screw, reciprocating pumps and other existing, low-life problems.

3 The pump production of sophisticated, high volumetric efficiency, energy-efficient compared to traditional pump effect is particularly evident.

4 The pump can forward / reverse operation, idling and strong ability to solve the case of a conventional pump motor may be burned due to idling.

5 changing the material of the rotor and the rotor chamber can contain various different industries transport solid particles, viscous, high concentrations of the different corrosive media.

6 The pump has a unique high and low self-circulation system design, easy to seal, no leakage, so as to solve the difficult problem of liquid petroleum chemical, food, pharmaceutical, paper and other industries that exist in the process of conveying medium leakage problems.

7 The pump uses a unique bushing design, the parts wear, you can just open the cover to replace the bushings, low maintenance costs, giving users save a lot of maintenance costs, and easy to replace, to the user saves a lot of labor costs, saving maintenance time.

8 The pump is designed with the import and export levels down and out and in and out of two types, user-friendly choice.



CATALOGUE

2014

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PRODUCT BROCHURE

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PUMPS

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Torontech™ is a leading North American based international manufacturer and supplier of pumps, pipes, valves & actuators. The Torontech™ group has established an extensive network in the USA as well as international markets and remains to be a preferred vendor of choice supplying quality pumps for today's leading corporations.

Creating comprehensive solutions for our clients has always been the core value of our company. From sales, to order execution, and post-sales support; every staff member is here to assist you in selecting the solution that best suits your unique requirements and budget.

The Torontech™ group offers a complete range of quality pumps that are, ANSI to ISO approved and engineered to last, ensuring your company continuous production without interruptions.

Since the beginning, we have succeeded in only offering quality manufactured pumps that are currently being used worldwide. We offer the best value for your investment and provide world-class support.

Due to the demand for our quality pumps, Torontech™ has experience explosive growth primarily in the oil & gas, water filtration and chemical refinery industries.

We offer an extensive range of solutions and products for oil & gas projects, refineries, petrochemical plants, and marine applications. Our main class of pumps includes API (American Petroleum Institute) Standard, Mining, Water & Sewage and Firefighting applications. The pumps are offered in various configurations depending on orientation of the pump, required head and type of fuel used for operation.



TORONTECH™

Pumps and Valves

TTABQ



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Torontech™ – North America
TEL: +1 (416) 368-2721
FAX: +1 (416) 981-7652
E-MAIL: sales@Torontech.com
WEB: www.Torontech.com

Please contact us for your nearest local office or distributor

Torontech Inc. - Canada
North American Headquarters
Tel: +1.416.368.2721
Fax: +1.416.981.7652
Email: sales@torontech.com
www.Torontech.com

Torontech Inc. - Canada
North American Headquarters
Tel: +1.416.368.2721
Fax: +1.416.981.7652
Email: sales@torontech.com
www.Torontech.com