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Иркутск (395)279-98-46
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Пенза (8412)22-31-16

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Customized Liquid Screw Rotor Pump



Basic Info.

Model NO.

XJB-Screw Rotor Pump

HS Code

8413810090

Production Capacity

1000units Per Year

Product Description

Customized Liquid Screw Rotor Pump

The screw rotator pump adopts the spinning top flow guiding principle and large module mult-head screw variant technology, boasting the advantage of low noise and high head of screw pump, and the large displacement of centrifugal pump.

According to the hydromechanics and spinning top principle, while the screw rotator pump starts to work, it drives the fluid flow along the spacious flow-guiding channel of spinning top style inside the pump. This unique decreases the pressure friction loss, reduce the noise level, and increases the transporting capacity. The flow driving method of spinning top increases the pump head as well. Screw rotator pump succeeds in achieving excellent balance between the head, capacity and noise control.

Working Features:

- 1) Low power consumption, High capacity, good energy-saving performance
- 2) Russian aerospace seal technology
- 3) 1.5~2.5 times capacity than common pump
- 4) 1.5~3.0 times Suction height than common pump
- 5) 30-50% energy conservation than the normal rotor pump in the same flow capacity
- 6) More small Mass and outlet size than common pump
- 7) Special alloy rotor with high wear resistance
- 8) Working and functioning in cavitations
- 9) Best choice for loading with low noise