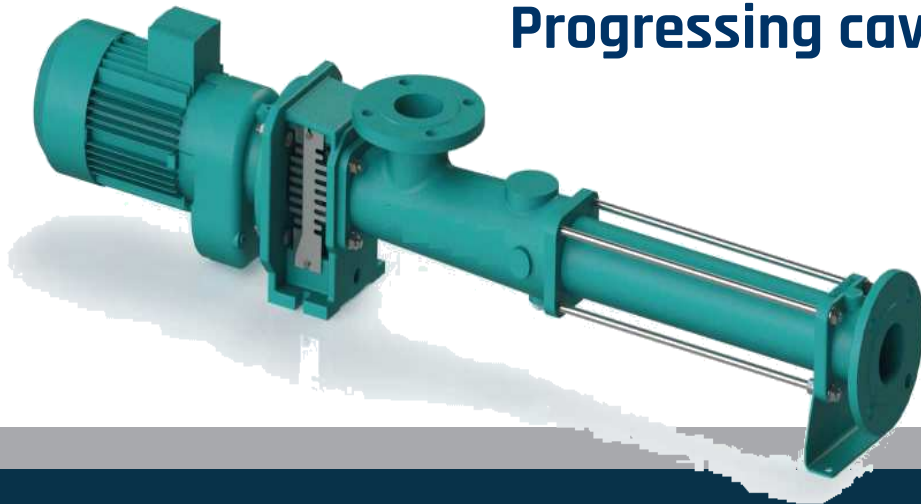


BEDU
≡ POMPEN ≡

Industrial pump Range K

Progressing cavity pump



made for your process



Industrial Pumps - Range K

PROGRESSING CAVITY PUMPS:

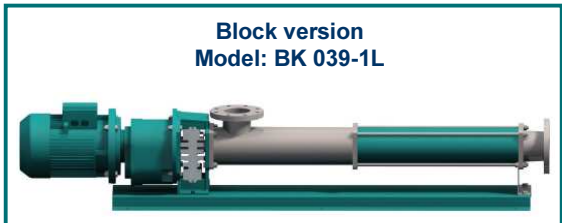
Founded in 1981, Bedu has developed an extensive range of high quality and cost effective progressing cavity pumps. By being able to provide state-of-the-art-market-driven products, flexibility in providing customer-focused solutions, and unparalleled levels of service, we are experiencing rapid growth throughout the globe.

K Range:

The K Range Progressing Cavity pump is the core range of Bedu used for most industrial, waste water, petrochemical, chemical, and food applications. Available in a wide range of materials, including cast iron, stainless steel 304 and 316 through to Duplex steel (SAF 2205) when required to suit highly corrosive and difficult applications such as high salinity laden liquids.

Features:

- Stable pump - low pulsation
 - Delivery direction reversible
 - Self-priming rate high
 - ATEX version available
 - Compact design and cost-efficient
 - Easy maintenance and service
 - Various rotor/stator geometries available
 - Products with solids can be conveyed gently without damage.
- Capacity: from 30 l/h up to 300 m³/h [0.132 usgpm up to 1.320 usgpm]
 Pressure: up to 48 bar [696 psig]



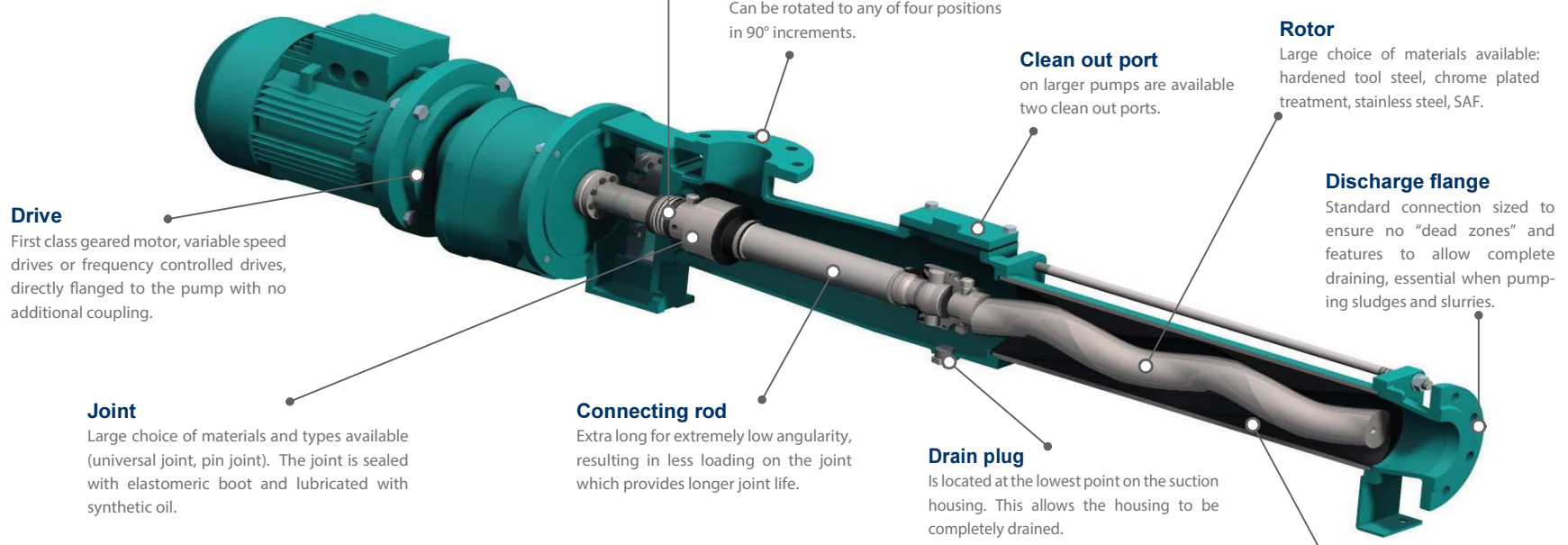
Block version
Model: BK 039-1L



Housing bearing version
Model: LK 065-1L

Shaft sealing

Large range of solutions available: single mechanical seal (standard), double mechanical seal, mechanical seal with quench, cartridge mechanical seal, gland packing.



Drive

First class geared motor, variable speed drives or frequency controlled drives, directly flanged to the pump with no additional coupling.

Joint

Large choice of materials and types available (universal joint, pin joint). The joint is sealed with elastomeric boot and lubricated with synthetic oil.

Connecting rod

Extra long for extremely low angularity, resulting in less loading on the joint which provides longer joint life.

Suction housing flange

Can be rotated to any of four positions in 90° increments.

Clean out port

on larger pumps are available two clean out ports.

Rotor

Large choice of materials available: hardened tool steel, chrome plated treatment, stainless steel, SAF.

Discharge flange

Standard connection sized to ensure no "dead zones" and features to allow complete draining, essential when pumping sludges and slurries.

Drain plug

Is located at the lowest point on the suction housing. This allows the housing to be completely drained.

Typical fields of application



Environmental and energy

Waste water treatment, drinking water purification, renewable energies, biogas plant.



Food and pharmaceutical

Beverages, wine, sugar, dairies, breweries, fish and meat processing, bakery products.



Oil and gas

On and offshore oil production, oil transfer, petrochemicals, refineries.



Shipbuilding

Conveying bilge water, drilling mud, treatment of waste, oil water separation.



Chemical, pulp and paper

Chemical industry, paper, cellulose and textile industry, paint and varnish.



Mining

and anywhere the conveyed product is too viscous and with poor flowing properties to be pumped with other pumps.

Stator

Available in a wide range of materials (Nbr, Hypalon, Viton, etc). Gaskets are an integral part of the stator. Corrosion of the stator tube is never a problem because the pumped liquid never comes into contact with the metal.

The logo consists of the word "BEDU" in a large, bold, white sans-serif font, with "POMPEN" in a smaller, white sans-serif font below it. The text is centered within a dark teal square, which is itself centered within a white square border.

BEDU
POMPEN

made for your process

- Expert advice
- A customer-oriented organization that adapts to the requirements and wishes of your organization
- Innovative and customized solutions
- Breakdownservice, 24 hours a day, 7 days a week
- Technical service with extensive test facilities, working from our own workplace or at your location
- A fast and appropriate solution for all your issues
- Wide range of liquid pumps
- Repair, maintenance and revision

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