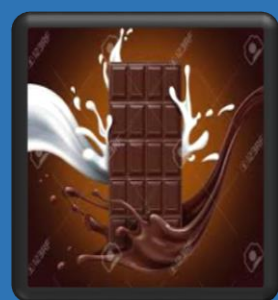
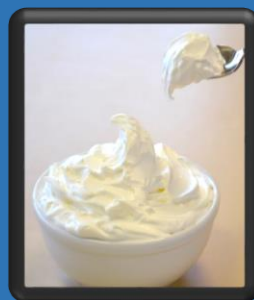
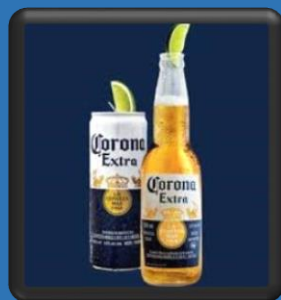


# B.K. TECHNICALS & FABRICATORS

*PROGRESSIVE CAVITY PUMPS*

An ISO 9001 : 2015 Certified Company

## BKFS HYGIENIC SERIES



FLOW RATE	Upto 100 M3/Hr
DIFFERENTIAL PRESSURE	Upto 12 bar (for more system pressures, contact factory assistance)
VISCOSITY	Upto 100,000 cSt
TEMPERATURE	Upto 150 deg. C

## PRINCIPLE

The main components which characterise the pump are a metallic single helical rotary part ROTOR and fixed double helical resilient polymer part STATOR in which the rotor turns and thereby a complex progressive sealing line (csp) is maintained. Whilst the rotor rotates inside the stator, the cavities formed between them progresses from suction to discharge end, gently carrying the media.



## UNIVERSAL JOINT

User friendly, completely sealed pin & bush joints for a longer service life.

## DRIVE ARRANGEMENTS

### DIRECT DRIVE

Electric Motor, Geared Motor, Gear Box, Mechanical Speed Variator, Eddy Current DC Drive, Hydraulic, Pneumatic, Petrol & Diesel Engines.

For accurate and variable flow rates, AC variable Frequency Drives can be used.

## SHAFT SEALING

For variety of gland packed & mechanical seal options with API plan.

## **PULLEY & V-BELT DRIVE**

Overhead & 'L' Type

## **MATERIAL OPTIONS**

<b>HOUSING PARTS</b>	<b>AISI 304, AISI 316, AISI 316L</b>
<b>ROTOR &amp; SHAFT</b>	<b>AISI 304, AISI 316, AISI 316L</b>
<b>STATOR</b>	<b>NBR, HNBR, EPDM, CSM, Q, WHITE, FOOD GRADE, ABRASION, RESISTANT &amp; HIGH TEMPERATURE RESISTANT VARIANTS.</b>

## **INDUSTRIES**

Breweries, Canning, Chocolate, Coffee & Tea, Confectionary, Cosmetics, Dairy, Food & Fruit Processing, Gelatin, Glucose, Ice Cream, Laboratories, Medicines, Pharmaceuticals, Starch, Sweets, Winery, etc.

## **FLUIDS HANDLED**

Amla Pulp, Beer, Beverages, Butter, Butter Oil, Casein, Chocolates, Creams, Curd, Demineralised water, Diced Vegetables, Edible Oils, Fruit Pulps, Cubes & Juices, Glucose, Ghee, Honey, Ice Creams Mix, Instant Coffee & Tea, Jams, Liquid Glucose, Milk, Tooth Pastes, Tomato Ketchup, Refined Oil, etc.

## **Advantages**

- POSITIVE DISPLACEMENT
- SELF PRIMING
- NON CLOGGING
- LOW INTERNAL VELOCITY
- LOW NPSH REQUIREMENT
- REVERSIBLE
- SILENT RUNNING

## **INTEGRAL SAFETY RELIEF VALVE**

Recommended for plant safety wherever the possibility of the pump running against a close valve or in-line blockade exists.

# **B.K. TECHNICALS & FABRICATORS**

Manufacturer of Progressive cavity  
pumps

Umesh Sharma (Proprietor)

Website: [www.bkpump.in](http://www.bkpump.in)

Contact No. : +91-9795359888, 7880967129

Contact Email : [info@bkpump.in](mailto:info@bkpump.in), [export@bkpump.in](mailto:export@bkpump.in)

F 92, Site No- 5, Udyog Kunj, Kanpur, Uttar Pradesh, India