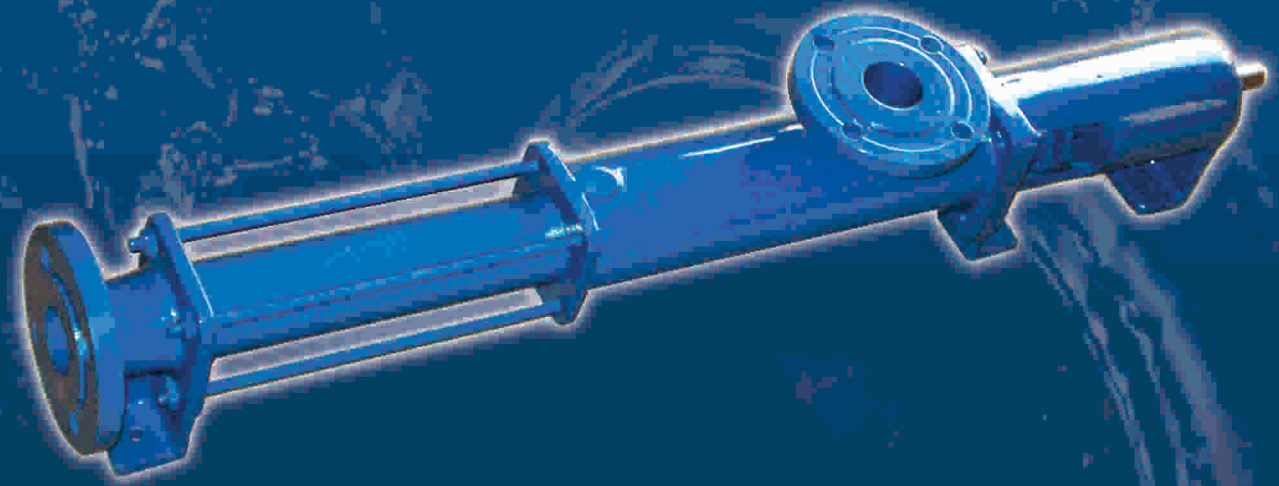


GKC Series

Progressing Cavity Positive Displacement PUMPS

(PC/PD Pumps Single Screw Pumps)



► Principle Benefits

- Self priming up to 8 meters of water.
- Positive displacement, Flow is proportional to speed and independent of pressure.
- Handles most liquids from water to abrasive slurries, entrained gases and froth to viscous and non Newtonian fluids.
- Flow rates from 0.5m³/hr to 100m³/hr.
- Low emulsification, low shear, negligible pulsation.
- Pumps slurries / liquids with suspended solids and particles.
- Operation in either direction.
- Pressure upto 24bar.
- Cast iron or stainless steel materials of construction.



We can substitute all spares of screw pumps for all manufacturer based on the drawing/ samples.

GEKKAY HELICAL PUMPS

SF NO 6/1 , Athipalayam Road, Chinnavedampati, Coimbatore 641 006

Phone : +91-422-2665254, 2665214, 6597282, Fax : +91-422-2665251

website : www.helixpump.com

Email : sales@helixpump.com, kannan@helixpump.com, service@helixpump.com

➤ Specifications

Capacity	0.5m ³ /hr to 100m ³ /hr.
Pressure	24 Bar Max
Viscosity	upto 25,000 CPS
Temp	upto 170°C

➤ Applicable Industries

OIL REFINERIES & INDUSTRIES (EDIBLE & PETROLEUM)

Crude Oil, Feeding to Filter press for de waxing process, Feeding to filter press for refining process, Feeding to filter press for rice brand oil extractions, Transfer of all oils up to 300 degree Celsius, Ghee pumping and packing, Vanspathi pumping and packing, Coconut oil filtration, transfer and packing, Caster oil filtration, transfer and packing, Sunflower oil filtration, transfer and packing, Gin glee oil filtration, transfer and packing, Olive oil filtration, transfer and packing, Ground nut oil filtration, transfer and packing, Almond oil filtration, transfer and packing, All petroleum liquids from crude oil, Water mud slurry in oil wells and mines, Liquid grease, Palm oil filtration, transfer and packing.

SEWAGE TREATMENT PLANTS

Transferring of sewage slurries, Feeding for filtration in filter press, Raw sludge, Lime slurry,

EFFLUENT TREATMENT & WATER TREATMENT PLANTS

Transferring of effluent From Collecting tank to primary Clarifier, Primary Clarifier to secondary Clarifier, Dewater Sludge's, Carbon slurries, Poly Electrolyte, Lime Slurries, Aluminum Sulphate, Feeding the Sludge to filter press.

CERAMIC INDUSTRIES

Sodium silicate, Ceramic Slurries, Sulfuric Acids, Clay slurry.

INDUSTRIES, PAINT INDUSTRIES, DYES & CHEMICAL

Clay Slurry, Titanium Dioxide, Coating Chemicals, Starch, Resin, Latex, Pigment, Calcium Carbonate, Copper Solutions, Paints, Bentonite Slurry, Sodium Silicate, Acids & Acids Slurry, Acrylics Emulsion.

PAPER INDUSTRY

Paper Pulp, Coating Chemicals, Alum, Lime Slurry, Sludge, Dewatered Sludge, Industrial Effluent for Treatment.

AGRICULTURE & DOMESTIC

Drip irrigation system, Bore Well, Submersible, Hotels, House, Sewage & Raw Sewage Transfers.

WASHING INDUSTRY

Carwash, Automobile Wash, Pipe Cleaning, Poultry Washing.

CONSTRUCTION & CIVIL REPAIRING INDUSTRIES

Cement Grouting, Cement Blasting, Transfers of Cement Slurries, White Cement Slurries, Repairing of Heavy Construction, Painting & Coating.