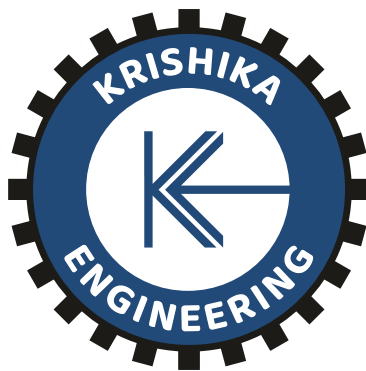


2nd Edition 2026



KRISHIKA ENGINEERING

Steel

EV Batteries

Petrochemicals

Starch

Fertilizers

Pesticides

Pharmaceutical

Chemical

Power Plant

Food & Beverages



PFA LINED MAGNETIC DRIVE SEALLESS PUMP



ATEX 2014/34/EU

ABOUT US



KRISHIKA ENGINEERING was established in 2021 with the base knowledge of Chemical process pump manufacturing for last 15 years.

Also we have a team having knowledge and experience of technical sales and marketing of Mechanical Seal for more than 12 years.

We are Authorised Dealers of :



SUPERPROOF SEALS ENGINEERING PVT. LTD.

SUPERPROOF Seals Engineering Pvt. Ltd. was established in 2001. The team of director had vast experience of more than 17 years in this field before this firm was established. SUPERPROOF is TUV AUSTRIA EN ISO 9001:2008 certified company. They have Ex Stock of FFKM O ring for instant delivery of Mechanical seal for high temperature, high pressure and hazardous applications. They have also developed their own special design seal for handling slurry in metallic and non-metallic process pump.



CM PUMPS AND SYSTEMS PVT. LTD.

CM PUMPS was established in 2012. CM PUMPS are the pioneer and the first indian manufacturer and exporter of **SEALLESS MAGNETIC DRIVE CENTRIFUGAL PUMPS**. They offer wide range in magnetic drive centrifugal pump for metallic and non-metallic applications according to DIN EN ISO 15783 / ISO 2858 standards. Also They Have Developed Multi Stage Pumps For High Head And Magnetic Drive Agitator For High Pressure Applications.

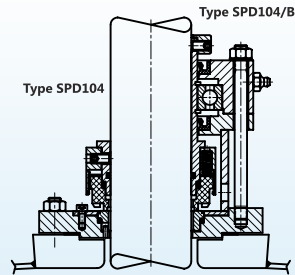


NAKLANK ENGINEERING

NAKLANK ENGINEERING was established in 2017 with the base knowledge of chemical process pump manufacturing for last 25 years before this firm was established. They have a wide range of **INVESTMENT CASTING METALLIC CENTRIFUGAL PUMP** in different MOC like SS316, SS316L, NICKLE, ALLOY-20, HASTALLOY-C/B. Also they supply chemical process pump in PP / PVDF / PFA LINED / FEP LINED. These pumps are widely used for pumping corrosive and aggressive chemicals. The pump range includes capacity up to 600 m³/Hr and pressure up to 14 Kg/Cm².



TYPE SPD104 & SPD104/B - DRY RUNNING SEAL FOR HIGH SPEED



FEATURES

High speed Dry running balanced mechanical seal. This Seals are excellent with High RPM operation in Vacuum and pressure conditions. Design without bearing (Type – SPD104) OR with Integral bearing (Type – SPD104/B). Design for Top, Bottom and Side entry.

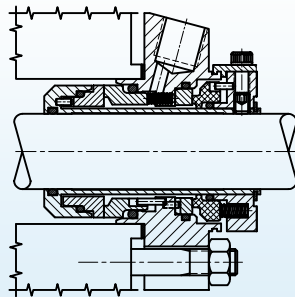
MATERIALS

Seal Ring Faces : Spl. Carbon
 Seat Faces : SiC
 Elastomer : Viton, TTV, FEP and FFKM
 MOC : SS 316 – CHANGE OF MOC ON REQUEST

OPERATING CAPABILITIES

Shaft Dia. : 25mm to 150mm
 Pressure : Full Vacuum to 8 bar
 Temperature : -30°C to 140°C
 Speed : 900 r.p.m.

SEAL TYPE ZR600/D - DOUBLE CARTRIDGE



FEATURES

Double Cartridge balanced mechanical seal. Dual directional design. Inside mounted seal. Unitized, easy-to-fit design.

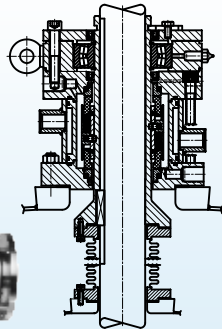
OPERATING CAPABILITIES

Shaft Dia. : 20mm to 70mm
 Pressure : Up to 15 bar
 Temperature : -30°C to 260°C
 Speed : 3000 r.p.m.

MATERIALS

Seal Ring Faces : Carbon, SiC and TC
 Seat Faces : TC and SiC
 Elastomer : Viton, PTFE, and FFKM
 MOC : SS 316 - Change Of MOC On Request

541/D/B - DOUBLE MECHANICAL SEAL FOR ANFD WITH METALLIC BELLOW



FEATURES

Double balanced mechanical seal for ANFD (Agitated Nutsche Filter Dryers). This Seal is excellent with Low RPM operation in Vacuum and pressure conditions. The Bellow assembly is for long fatigue life. Design with solid antifriction linear Integral bearing (Type – 541/D/B). Design for Top entry.

MATERIALS

Seal Ring Faces : Carbon and SiC
 Seat Faces : SiC and TC
 Elastomer : Viton, PTFE, EPDM, NBR, FFKM
 MOC : SS 316, Duplex, Super Duplex, Hastelloy C, Monal

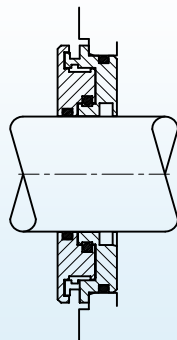
APPLICATION

Agitated Nutsche Filters and Dryers
 Rotary Vacuum Paddle Dryers
 Horizontal Reactors With Expanding Shaft

OPERATING CAPABILITIES

Shaft Dia. : 20mm to 200mm
 Pressure : Up to 5 bar
 Temperature : -30°C to 260°C
 Speed : 100 r.p.m.

TYPE SPB01 - BEARING ISOLATOR



FEATURES

Close tolerance bearing Isolator design locks out moisture, grit and dust, which extending bearing life. No more shaft wearing as compare to conventional oil seal.

APPLICATION

Installs on bearing frames used in oil and gas, chemical, mining, pulp and paper, power and general industries.



ATEX 2014/34/EU

METALLIC MAGNETIC DRIVE CHEMICAL PROCESS SEALLESS PUMP



Close Coupled CZ Series



ATEX 2014/34/EU



Extended CZB Series

Description

- Single Stage, Horizontal Centrifugal Pump.
- Hydraulic Performance and Dimensions according to DIN EN ISO 2858
- Technical design based on DIN EN ISO 15783
- Permanent Magnet Drive
- Maintenance Free
- Separation of Liquid Chamber to Atmosphere by Means of Isolation Shell
- Slipless Power Transfer
- Materials : Steel, Stainless Steel, Nickel Based Materials
- Close Coupled Block Design
- Hydraulically balanced impeller for minimum bearing loads
- Product-Lubricated Journal Bearings; made of Silicon Carbide (SiC) or Customized Materials

Technical Data

Operation Range
 Flow Rate : max. 300m³/h
 Delivery Head : max. 100 metre
 Pressure Rating : Class 150
 Temperatures : -35°C to +290°C
 Kinematic viscosities : 0.5 to 500 mm²/s

Casing & Impeller Materials

Stainless steel SS 316, SS 316L, SS 304, SS 304L
 Other materials duplex alloys , nickel-base alloys (e.g. Hastelloy[®]),

Working Principle : Radial flow pump
 Stages : Single stage
 Priming Method : Flooded suction
 Sealing System : Magnetic coupling
 Standards : DIN EN ISO 2858
 Standards : DIN EN ISO 15783
 ATEX : 2014/34/EU
 Ⓢ II 2 GD c T2

NON METALLIC MAGNETIC DRIVE CHEMICAL PROCESS SEALLESS PUMP



Close Coupled CZP Series



ATEX 2014/34/EU



Extended CZPB Series

Description

- Single Stage, Horizontal Centrifugal Pump.
- Hydraulic Performance and Dimensions according to DIN EN ISO 2858
- Technical design based on DIN EN ISO 15783
- Permanent Magnet Drive
- Maintenance Free
- Separation of Liquid Chamber to Atmosphere by Means of Isolation Shell
- Slipless Power Transfer
- Materials : PFA, FEP, PVDF
- Close Coupled Block Design
- Hydraulically balanced impeller for minimum bearing loads
- Product-Lubricated Journal Bearings; made of Silicon Carbide (SiC) or Customized Materials

Technical Data

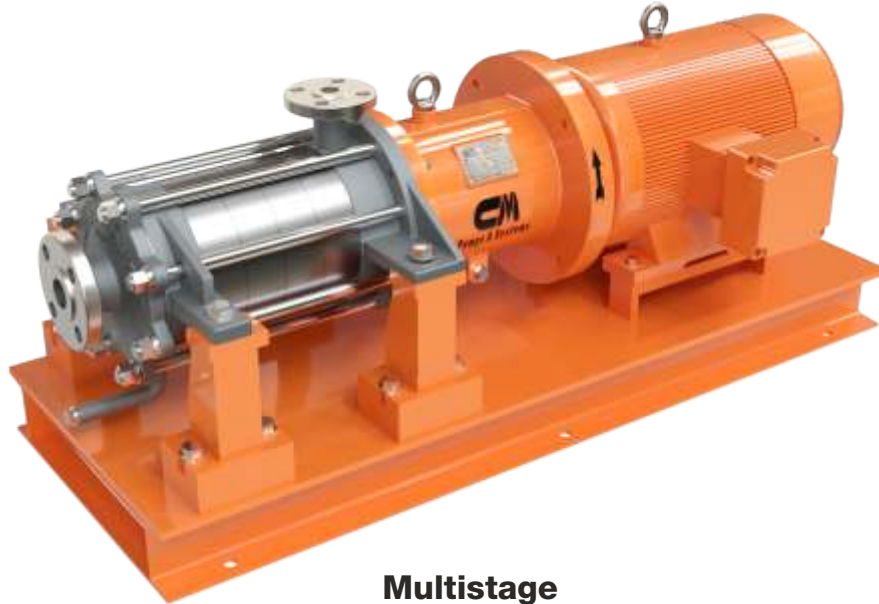
Operation Range
 Flow Rate : max. 300m³/h
 Delivery Head : 3 to 90 mtr.
 Pressure Rating : Class 150
 Temperatures : -20°C to + 200°C
 Kinematic viscosities : 0.5 to 350 mm²/s
 Solid handling: up to 5% solids concentration,
 depending on the pumped fluid

Casing & Impeller Materials

PFA Lined, FEP Lined, PVDF Lined

Working Principle : Radial flow pump
 Stages : Single stage
 Priming Method : Flooded suction
 Sealing System : Magnetic coupling
 Standards : DIN EN ISO 2858
 Standards : DIN EN ISO 15783
 ⓧ I12GDcT3

METALLIC MULTISTAGE MAGNETIC DRIVE SEALLESS CHEMICAL PROCESS PUMP



ATEX 2014/34/EU

Multistage CZMS Series

Description

- Horizontal Centrifugal Pump.
- Permanent Magnet Drive for wide range of temperature.
- Maintenance free
- Separation of Liquid Chamber to Atmosphere by Means of Isolation Shell
- Slipless Power Transfer
- Materials : Steel, Stainless Steel, Nickel Based materials
- Hydraulically balanced impeller for minimum bearing loads
- Product-Lubricated Journal Bearings; made of Sintered Silicon Carbide (SSiC) or Customized Materials

Technical Data

Operation Range
Multi Stage
Flow Rate: max. 100m³/h
Delivery Head : max. 500 meter
Pressure Rating : Class 150/300/600
Temperatures : -35°C to +250°C
Kinematic viscosities : 0.5 to 500 mm²/s

Casing & Impeller Materials

Stainless steel SS 316, SS 316L, SS 304, SS 304L
Other materials duplex alloys, nickel-base alloys
(e.g. Hastelloy),

Working Principle : Radial flow pump
Priming Method : Flooded suction
Sealing System : Magnetic coupling
ATEX : 2014/34/EU

⊕ II 2 GD c T2

MAGNETIC DRIVE AGITATOR

Technical Data:-

- Size: 10mm to 150mm
- Pressure: Full Vacuum to 100 bar
- Capacity: 1 Ltr. to 50000 Ltr.
- RPM: up to 500
- Temperature: -80 to 250 Deg. C
- MOC: SS-316 / 304 / Alloy-20 / Hastelloy-C

Advantages & Benefits:-

- Zero Leakage
- Low Power Consumption
- Plant Safety
- Minimum Maintenance

Industries:-

- Pharmaceuticals
- Food and Beverage
- Agrochemicals
- Speciality Chemicals
- Chemical Processing: Basic and Fine Chemicals
- Refinery and Petrochemicals
- Biotechnology Processing
- Research & Development
- Power Generation

Application:-

- Mixing and Agitation
- Hydrogenation
- Corrosive and Hazardous Liquid Handling
- Sanitary Applications
- Distillation
- Homogenizer
- Dairy Application
- General Purpose Mixing
- Mixing of Resins



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THERMIC PUMP FOR HIGH TEMPERATURE APPLICATION



Capacity	: Up to 120 M ³ /hr
Head	: Up to 55 Mtr.
Temperature	: Up to 350°C
Speed	: Up to 3500 rpm
Cooling Method	: With Air
M.O.C.	: Grey Cast Iron, Cast Steel, Alloy Cast Steel

METALLIC CHEMICAL PROCESS PUMPS



Capacity	: Up to 700 M ³ /hr
Head	: Up to 160 Mtr.
Discharge Size	: 25mm to 150mm
Speed	: Up to 3500 rpm
Sealing Method	: Mechanical Seals, Gland Packing
M.O.C.	: WCB, SS316, SS316L, CD4MCu, CM7M (Alloy 20), Hastalloy-C & other Exotic Alloys

SELF PRIMING PUMPS



Capacity	: Up to 21 M ³ /hr
Head	: Up to 35 Mtr.
Features	: <ul style="list-style-type: none"> • Maximum interchangeability, gives minimum spare parts inventory. • Fully open impeller with back pump-out vanes reduces stuffing box pressure and prevents entrances of solids and meets low NPSH requirements. • Only one time Priming Required.
Service	: Chemical, Petrochemical, Pharmaceutical, Pulp and Paper, Textile.

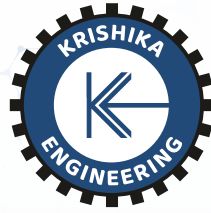
ISO 2858 PROCESS PUMPS (CLOSED IMPELLER)



Capacity	: Up to 1590 M ³ /hr
Head	: Up to 275 Mtr.
Discharge Size	: 25mm to 300mm
Sealing Method	: Mechanical Seals, Gland Packing
Service	: Acid, Solvents, Hydrocarbons.
M.O.C.	: WCB, SS316, SS316L, CD4MCu, CM7M (Alloy 20), Hastalloy-C & other Exotic Alloys
Advantage	: High Efficiency Pumps

NOTE : PUMPS ALSO AVAILABLE IN CLOSE COUPLE DESIGN.

Please Fill This Inquiry Form With Maximum Available Details and Share Scan Copy On Mention Email Address



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PUMP INQUIRY FORM

Company Name :- _____ Date :- _____

Contact Person Name :- _____

Contact No. _____ Email : _____

	APPLICATION 01	APPLICATION 02
PUMP TAG NO.		
PUMP APPLICATION :		
LIQUID NAME :		
SP.GR. :		
VISCOITY (Cp) :		
TEMPERATURE (°C) :		
HEAD (METER) :		
FLOW (M ³ /HR) :		
SUCTION : FLOODED/NEGATIVE		
NPSHa (METER) :		
SLURRY : YES NO		
PERCENTAGE(%) OF SLURRY :		
SIZE OF PARTICAL :		
METALLIC / NON METALLIC		
HERIZONTAL/IMS/MAG DRIVE SEALLESS		
REQUIRED MOTOR FLP/NFLP		

REMARK :

DETAILS OF CURRENT PUMP :

MAKE :

MODEL :

MOC :

PROBLEM WITH CURRENT PUMP :

HP/RPM :

GST NO. : 24AAXFK5826F1ZZ

CONTACT NO. : 6351179778

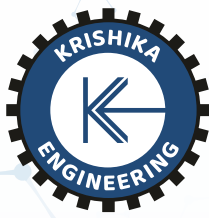


www.krishikaengg.com

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Regd. Office : B-314, 3rd Floor, Sun Trade Center, Near Mamu Chai, Beside Gujarat Gas Office, GIDC Char Rasta, Vapi, India - 396191.



KRISHIKA ENGINEERING

PUMP SEAL INQUIRY FORM

Company Name :- _____ Date :- _____

Client Name :- _____

Client Contact : _____ Email : _____

	APPLICATION 01	APPLICATION 02
PUMP MAKE & MODEL :		
PUMP APPLICATION :		
SHAFT SIZE/SEAL SIZE :		
MOC of PUMP :		
MAXIMUM TEMPERATURE (°C) :		
MAXIMUM PRESSURE (KG/CM ²) :		
SPEED (RPM) :		
LIQUID NAME :		
NATURE OF LIQUID :		
IF LIQUID CONTAINS PARTICLES, THEN PROVIDE (%)		
PARTICLE SIZE:		
API PLAN RE-COMMENDED		
EXITING SEAL MAKE & DRAWING OF SEAL OR STUFFING BOX DIMENSIONS		

REMARK :

DETAILS OF CURRENT PUMP :

MAKE :

MODEL :

MOC :

PROBLEM WITH CURRENT PUMP :

HP/RPM :

Scan For Website



GST NO. : 24AAXFK5826F1ZZ

CONTACT NO. : 6351179778



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PVDF / PFA / FEP CENTRIFUGAL PROCESS PUMPS



Capacity	: Up to 400 M ³ /hr
Head	: Up to 140 Mtr.
Discharge Size	: 25mm to 200mm
Sealing Method	: Mechanical Seals, Gland Packing
M.O.C.	: PVDF / PFA / FEP

Applications :

- Water treatment plant, effluent treatment plant, electro, picking & steel rolling mills.
- Excellent for transfer and loading - unloading like HCL, Sulphuric Acid/Alkali, caustic liquid.
- Scrubbing of corrosive like NH₃, CO₂, SO₂, L₂, F₂, BR₂, CL₂, etc.
- For handling liquids in various industries like textile, paper, cellulose, sugar, steel, food, having temperature range, materials, etc.
- Ideal for circulation of chemical in metal finishing industry.
- Natural choice for picking line & scrubber in steel plants.
- High capacity transfer pump, filter press for dyes & chemicals, descaling oil & other fuels.
- Pesticide / Insecticide plants, chlorine plants.
- Pharmaceutical and drug plants.

PP CENTRIFUGAL PROCESS PUMPS



Capacity	: Up to 400 M ³ /hr
Head	: Up to 140 Mtr.
Discharge Size	: 25mm to 200mm
Sealing Method	: Mechanical Seals, Gland Packing
M.O.C.	: PP / PPH / GFPP

Applications :

- Water treatment plant, effluent treatment plant, electro, picking & steel rolling mills.
- Excellent for transfer and loading - unloading like HCL, Sulphuric Acid/Alkali, caustic liquid.
- Scrubbing of corrosive like NH₃, CO₂, SO₂, L₂, F₂, BR₂, CL₂, etc.
- For handling liquids in various industries like textile, paper, cellulose, sugar, steel, food, having temperature range, materials, etc.
- Ideal for circulation of chemical in metal finishing industry.
- Natural choice for picking line & scrubber in steel plants.
- High capacity transfer pump, filter press for dyes & chemicals, descaling oil & other fuels.

AIR OPERATED DOUBLE DIAPHRAGM PUMPS



Head	: Up to 70 Mtr.
Flow	: Up to 45 M ³ /hr.
M.O.C.	: Investment Casting CF8M (SS-316), Aluminium, PP, PVDF
Diaphragm M.O.C.	: Santoprene, Neoprene, Teflon, Viton, EPDM
Max. Particle Size	: 5mm to 25mm
Air Inlet Pressure	: Max. 10.5 kg/cm ²
Air Inlet Size	: 1/4" to 1"
Air Exhaust	: 1/2" to 1"
Size	: 1/2", 1", 1 1/2", 2", 2 1/2", 3"

Applications :

- Solvents, Slurry Transfer, Barrels, Acidic Materials, High, Viscous Liquids, Abrasive Media, Ceramic Slurry.

NOTE : PUMPS ALSO AVAILABLE IN CLOSE COUPLE DESIGN.



KRISHIKA ENGINEERING

Regd. Office : B-314, 3rd Floor, Sun Trade Center, Near Mamu Chai,
Beside Gujarat Gas Office, GIDC Char Rasta, Vapi , India - 396191.


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