



CNC Lathe Machine Components



CNC Lathe Machine

CNC Turned Products

We produce high-precision turned parts of superior quality. Our tailor-made solutions are always delivered on our promises. After all we know that precision is our customer' top priority.



Our Factory



Regd Office & Works
 195/19-a, RMT Bungalow Road,
 Sai Nagar, Sidco. PO,
 COIMBATORE - 641 021 INDIA

Phone : 0422-2673875, 2674005
 Fax : 91-0422-2679622
 Mobile : 94434 59058, 98430 38750
 E-Mail : classicseal@sify.com
 classicseal@gmail.com
 Web : www.classicseals.org

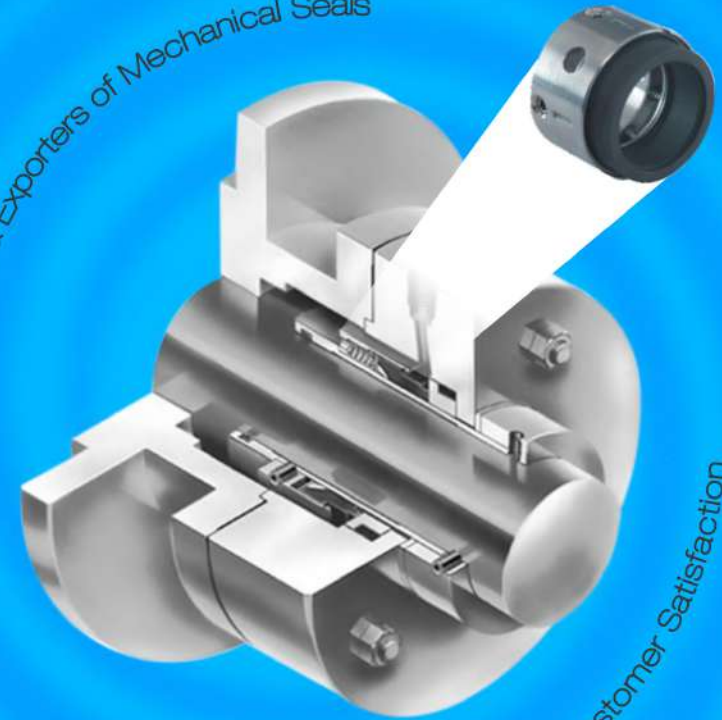


An ISO 9001:2001 Company



Mechanical Seal for Chemical Service

Mfrs. & Exporters of Mechanical Seals



Quality & Customer Satisfaction



An ISO 9001:2001 Company

Regd Office & Works
 195/19-a, RMT Bungalow Road,
 Sai Nagar, Sidco. PO,
 COIMBATORE - 641 021 INDIA

Phone : 0422-2673875, 2674005
 Fax : 91-0422-2679622
 Mobile : 94434 59058, 98430 38750
 E-Mail : classicseal@sify.com
 classicseal@gmail.com
 Web : www.classicseals.org

Mechanical Seal Models



C-9 Series

APPLICATION RANGE		UNBALANCED	
Max Design Pressure	7kg/cm ²	Max Design Pressure	VACCUUM TO 25 KG/CMS
Max Work Pressure	5 kg/cm ²	Max Work Pressure	VACCUUM TO 20 KGS
Temperature Range	-40° c to 180° c	Temperature Range	-75 TO 425 C
STANDARD MATERIALS			
Rotary Seal Ring	SIC, Carbon	Rotary Seal Ring	SIC, Carbon
Mating Ring	Carbon, TC, SIC	Mating Ring	Carbon, TC, SIC
Secondary Packing	Viton, NBR	Secondary Packing	Viton, Grafoil
Springs	SS 316, SS 304	Springs	SS 316
SEAL CHARACTERISTICS		APPLICATION	
SINGLE SPRING UN BALANCED DIRECTION - INDEPENDENT SEAL MOUNTING - INSIDE TORQUE TRANSMISSION BY BELLOW		HOT WATER PUMPS SUBMERSIBLE PUMP SWAGE PUMP LIGHT CHEMICALPUMP MEDIA WITH SOLIDS	



Agitator

APPLICATION RANGE		UNBALANCED	
Max Design Pressure	40 KG/CMS	Max Design Pressure	25 KG/CMS
Max Work Pressure	36 KG/CM2	Max Work Pressure	22 KG/CM2
Temperature Range	-40 TO 260C	Temperature Range	-40 TO 204C
STANDARD MATERIALS			
Rotary Seal Ring	SIC, Carbon	Rotary Seal Ring	SIC, Carbon, TC
Mating Ring	Carbon, TC, SIC	Mating Ring	Ceramic, TC, SIC
Secondary Packing	Viton, NBR, EPDM	Secondary Packing	Viton, NBR, EPDM
Springs	SS304, SS 316	Springs	SS304, SS 316
SEAL CHARACTERISTICS		APPLICATION	
MULTISPRING UN BALANCED/BALANCED DIRECTION - INDEPENDENT EASY INSTALLATION FACTORY ASSEMBLED		PERTO CHEMICAL VAPOURS CORROSIVE CHEMICALS PHARMACEUTICAL PRODUCTS FOOD PRODUCTS	



METAL BELLOW

APPLICATION RANGE		UNBALANCED	
Max Design Pressure	7kg/cm ²	Max Design Pressure	25 KG/CMS
Max Work Pressure	5 kg/cm ²	Max Work Pressure	22 KG/CM2
Temperature Range	-40° c to 180° c	Temperature Range	-40 TO 204C
STANDARD MATERIALS			
Rotary Seal Ring	SIC, Carbon	Rotary Seal Ring	SIC, Carbon, TC
Mating Ring	Carbon, TC, SIC	Mating Ring	Ceramic, TC, SIC
Secondary Packing	Viton, Grafoil	Secondary Packing	Viton, NBR, EPDM
Springs	SS 316	Springs	SS304, SS 316
SEAL CHARACTERISTICS		APPLICATION	
WELDED METAL BELLOW STATIC SECONDARY SEAL SEAL MOUNTING - INSIDE TORQUE TRANSMISSION-BELLOW		HIGH TEMPERATURE LIQUID CAUSTIC / SLURRIES HYDRO CARBONS CRUDE OIL FRACTIONAL PRODUCT VISCOSUE FLUID / POLIMERS	



Cartridge seal

APPLICATION RANGE		UNBALANCED	
Max Design Pressure	40 KG/CMS	Max Design Pressure	25 KG/CMS
Max Work Pressure	36 KG/CM2	Max Work Pressure	22 KG/CM2
Temperature Range	-40 TO 260C	Temperature Range	-40 TO 204C
STANDARD MATERIALS			
Rotary Seal Ring	SIC, Carbon	Rotary Seal Ring	SIC, Carbon, TC
Mating Ring	Carbon, TC, SIC	Mating Ring	Ceramic, TC, SIC
Secondary Packing	Viton, NBR, EPDM	Secondary Packing	Viton, NBR, EPDM
Springs	SS304, SS 316	Springs	SS304, SS 316
SEAL CHARACTERISTICS		APPLICATION	
MULTISPRING UN BALANCED/BALANCED DIRECTION - INDEPENDENT EASY INSTALLATION FACTORY ASSEMBLED		LIGHT ABRASIVE PUMP SLURRY PUMP HIGH VISCOSITY LIQUID PETRO CHEMICALS GENERAL CHEMICALS	



An ISO 9001:2001 Company



Regd Office & Works
 195/19-a, RMT Bungalow Road,
 Sai Nagar, Sidco, PO,
 COIMBATORE - 641 021 INDIA
Phone : 0422-2673875, 2674005
Fax : 91-0422-2679622
Mobils : 94434 59058, 98430 38750
E-Mail : classicseal@sify.com
 classicseal@gmail.com
Web : www.classicseals.org



C-5 Series

APPLICATION RANGE	
UNBALANCED	
Max Design Pressure	7kg/cm ²
Max Work Pressure	5 kg/cm ²
Temperature Range	-25° c to 150° c
STANDARD MATERIALS	
Rotary Seal Ring	Carbon, Glass Filled Teflon, SIC
Mating Ring	SIC, Ceramic
Springs	SS 316 Castolly B/C
Retainer	SS 316, SS 304
SEAL CHARACTERISTICS	
MULTI SPRING UN BALANCED DIRECTION - INDEPENDENT SEAL MOUNTING - OUTSIDE PTFE BELLOW DESIGN TORQUE TRANSMISSION BY BELLOW	APPLICATION CORROSIVE ACIDS ALKALIS EXTREMELY CORROSIVE LIQUID



C-6 Series

APPLICATION RANGE		UNBALANCED	BALANCED
Max Design Pressure	10kg/cm ²	40kg/cm ²	
Max Work Pressure	6 kg/cm ²	32kg/cm ²	
Temperature Range	-40° c to 204° c	-40° c to 260° c	
STANDARD MATERIALS			
Rotary Seal Ring	SIC, TC, Ceramic		
Mating Ring	Carbon, TC, SIC		
Secondary Packing	Viton, PTFE		
Springs & Retainer	SS 316, SS304		
SEAL CHARACTERISTICS			
MULTI SPRING UN BALANCED/BALANCED DIRECTION - INDEPENDENT SEAL MOUNTING - INSIDE	APPLICATION PETRO CHEMICALS GENERAL CHEMICALS HYDRO CARBONS LIGHT CORROSIVE CHEMICALS		



C-7 Series

APPLICATION RANGE	
UNBALANCED	
Max Design Pressure	10kg/cm ²
Max Work Pressure	6 kg/cm ²
Temperature Range	-40° c to -204° c
STANDARD MATERIALS	
Rotary Seal Ring	SIC, TC, Carbon
Mating Ring	TC, SIC
Secondary Packing	Viton, NBR
Springs	SS 316, SS 304
SEAL CHARACTERISTICS	
SINGLE SPRING DRIVE BY SPRING DIRECTION - DEPENDENT SEAL MOUNTING - INSIDE	APPLICATION CHEMICAL PUMPS DYE LIQUID HYDRO CARBONS LIGHT CORROSIVE CHEMICALS



C-8 Series

APPLICATION RANGE		UNBALANCED
Max Design Pressure	10kg/cm ²	
Max Work Pressure	6 kg/cm ²	
Temperature Range	-40° c to -204° c	
STANDARD MATERIALS		
Rotary Seal Ring	Carbon, Tungsten Carbide, SIC	
Mating Ring	Carbon, SS, TC, Ceramic	
Secondary Packing	Viton, Nitrile	
Springs	SS 316, SS304	
SEAL CHARACTERISTICS		
SINGLE SPRING UN BALANCED DIRECTION - INDEPENDENT SEAL MOUNTING - INSIDE	APPLICATION DYE LIQUID PROCESS PUMP LIGHT CORROSIVE CHEMICALS	

Our Company

Towards **15** Years of Engineering Excellence and more to look for....

We are leading manufacturer and exporter since 1994. Our Company is having adequately staff with qualified and experienced personal for various departments. The Manufacturing & quality Assurance departments are manned by highly experienced professionals. We are remarkable success in innovative application engineering. We believe to make best quality Mechanical Seal rather than valumes.

Applications

The "CLASSIC" brand of Mechanical seals are performing well in dye liquor, Nitric acid, sulfuric acid, Petro chemicals, chilled water, brine, alkalis, corrosive acids, solvents, paint chemicals, paper pulp, high temperature thermic fluid, steam rotary joints, cement slurry, distilled water, etc.

OUR CUSTOMERS

We have a large and reputed clientele covering industries of Paper & Pulp, Chemicals, Caustic soda, Fertilizer, Food, Detergents, Sugar, Cement, Compressor, Paints & Additives, Lubricants, Leather Chemicals, Petro Chemicals, Textile Dyeing Industries, Drugs & Pharmaceuticals, Refinery, Minerals, Copper, ETP, and OEM pump manufactures, Dyeing machine manufactures etc...

INFRASTRUCTURE

We have sound infrastructure, which is well equipped with upgraded machines and technology to assist in the manufacturing process. Some of the machines, installed at our manufacturing unit, which helps in manufacturing of seals are

- Lathe Machines
- CNC lathe machines
- Drilling machines
- Milling machines
- Grinding Machine
- Wire Turning Machine
- Band saw Cutting Machine
- Hydraulic Press for molding.
- Surface Lapping machine
- Monochromatic check lite
- Optical flat



CNC Machine



CNC Machine



Lapping Machine



Monochromatic Checklite & Optical Flat

QUALITY POLICY & ABJECTIVES

Quality is the most enduring impression of any product on any user mind. We are committed to our customers, The fastest supply and services through team work. We believe our continues efforts and developments using best quality raw materials are direct us to

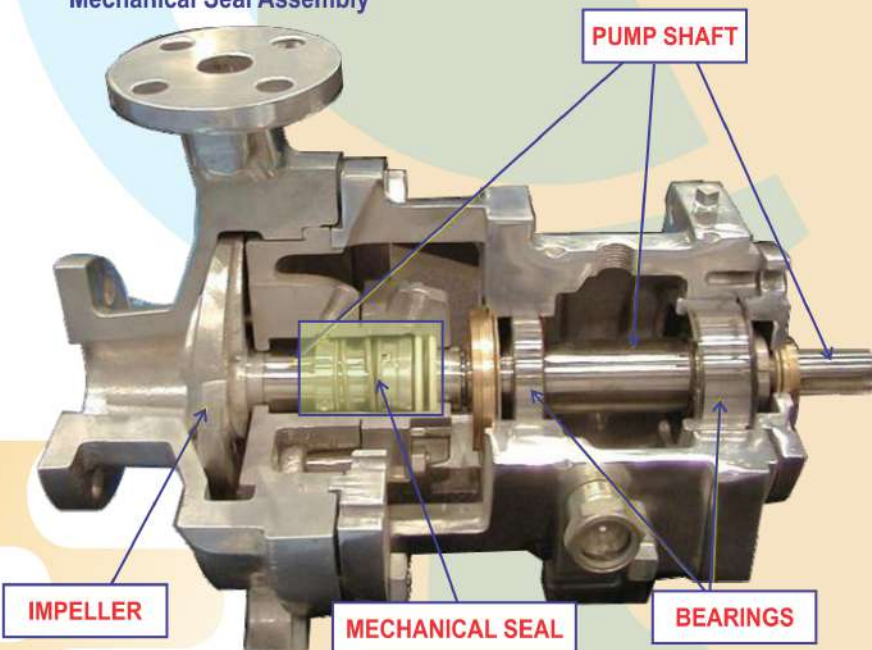
- ACHIVING 100% CUSTOMER SATISFACTION
- ACHIVING 100% ON TIME DELIVERY
- REDUCING INHOUSE REJECTION TO 0%



QUALITY ASSURANCE

Every Mechanical seal components Dimension checking and surface lapping finish checking by mono chromatic checklist is carried out to achieve 100% quality. We follow a meticulously drafted quality assurance program to achieve the goal of delivering trouble free, defect free Mechanical seals. We are an ISO 9001: 2000 company for Design, manufacturing and supply of mechanical seal.

Mechanical Seal Assembly



C-1 Series

APPLICATION RANGE	UNBALANCED	BALANCED
Max Design Pressure	10kg/cm ²	40kg/cm ²
Max Work Pressure	7 kg/cm ²	32kg/cm ²
Temperature Range	-40° c to 260° c	-40° c to 260° c

STANDARD MATERIALS	
Rotary Seal Ring	Carbon, Tungsten Carbide, SIC
Mating Ring	Carbon, SIC, TC, Ceramic
Secondary Packing	Viton, Silicone, PTFE, Nitrile
Springs & Retainer	SS 316

SEAL CHARACTERISTICS	APPLICATION
MULTI SPRING	PETRO CHEMICALS
UN BALANCED/BALANCED	GENARAL CHEMICALS
DIRECTION - INDEPENDENT	HYDRO CARBONS
SEAL MOUNTING - INSIDE	LIGHT CORROSIVE CHEMICALS
DIN - 24960	DYE LIQUID



C-2 Series

APPLICATION RANGE	UNBALANCED	BALANCED
Max Design Pressure	10kg/cm ²	40kg/cm ²
Max Work Pressure	6 kg/cm ²	32kg/cm ²
Temperature Range	-40° c to 230° c	-40° c to 260° c

STANDARD MATERIALS	
Rotary Seal Ring	Carbon, Tungsten Carbide, SIC
Mating Ring	Carbon, SIC, TC, Ceramic
Secondary Packing	Viton, Silicone, PTFE, Nitrile
Springs & Retainer	SS 304, SS316

SEAL CHARACTERISTICS	APPLICATION
SINGLE SPRING	LIGHT ABRASIVE PUMP
UN BALANCED/BALANCED	SLURRY PUMP
DIRECTION - DEPENDENT	HIGH VISCOSITY LIQUID
SEAL MOUNTING - INSIDE	GENARAL CHEMICALS



C-3 Series

APPLICATION RANGE	UNBALANCED
Max Design Pressure	6.5kg/cm ²
Max Work Pressure	5 kg/cm ²
Temperature Range	-29° c to -204° c

STANDARD MATERIALS	
Rotary Seal Ring	Carbon, Tungsten Carbide, SIC
Mating Ring	Carbon, SS, TC, Ceramic
Secondary Packing	Viton, Nitrile
Springs & Retainer	SS 316, SS304

SEAL CHARACTERISTICS	APPLICATION
SINGLE SPRING	HOT WATER PUMPS
UN BALANCED	SUBMERSIBLE PUMP
DIRECTION - INDEPENDENT	SWAGE PUMP
SEAL MOUNTING - INSIDE	LIGHT CHEMICALPUMP
TORGUE TRANSMISSION BY BELLOW	



C-4 Series

APPLICATION RANGE	UNBALANCED
Max Design Pressure	6.5kg/cm ²
Max Work Pressure	5 kg/cm ²
Temperature Range	-29° c to -204° c

STANDARD MATERIALS	
Rotary Seal Ring	Carbon, Tungsten Carbide, SIC
Mating Ring	Carbon, SS, TC, Ceramic
Secondary Packing	Viton, Nitrile
Springs & Retainer	SS 316, SS304

SEAL CHARACTERISTICS	APPLICATION
CONICAL SPRING	CIRCULATION PUMP
UN BALANCED/BALANCED	GENARAL CHEMICALS
DIRECTION - DEPENDENT	HYDRO CARBONS
SEAL MOUNTING - INSIDE	SUBMESIBLE PUMP