

Mechanical Seals

KRUTIKA ENGINEERING CORPORATION

KSW - 101



These Type of seals are widely used in water pumps as well as oil pumps & in generators. The seal face combination are carbon vs ceramic, TC etc. Rubber parts are available in various Elastomers like BUNA-V, VITON, NEOPRENE etc depending on application.

Application	:	Water Sewage, Muddy Water etc.
Features	:	> Single Acting > Independent of Direction of Rotation > Internal Mounting
Operating Limits	:	Temperature : 200 Deg C Pressure : Upto 10 Bar

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These type of seals are widely used in water pumps where there are space limitations. Rubber parts are available in various Elastomers like BUNA-V, VITON, NEOPRENE etc depending on application.

Application	:	Water, MuddyApplication etc.
Features	:	> Single Acting > Independent of Direction of Rotation > Internal Mounting
Seal Face	:	Stationery : Ceramic, Silicon Carbide, Carbon, Tungsten Carbide etc.

		Rotary : Carbon, Tungsten Carbide, Silicon Carbide, S.S., Steallite etc.
Operating Limits	:	Temperature : 20 to 200 Deg C Pressure : Upto 10 Bar

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These type of seals are mainly used in Petrol / Gasoline Driven pumps where the rotary is housing mounted.

Application	:	Oil Engines, Generators, Hydraulic Fluid, Hot water.
Features	:	> Single Acting > Independent of Direction of Rotation
Seal Face	:	Stationery : Ceramic, Silicon Carbide, Carbon, Tungsten Carbide etc. Rotary : Carbon, Tungsten Carbide, Silicon Carbide, S.S., Steallite etc.
Operating Limits	:	Temperature : Up to 200 Deg C Pressure : 10 Bar



The application of these typw of seals in water, steam, chemicals etc. single spring enables non clogging, this seal is unique for viscocious liquids, waste water and many other applications.

Application	:	Hot and cold water, steam, Oil, Mild Chemicals
Features	:	> Single Acting > Dependent of Direction of Rotation
Seal Face	:	Stationery : Ceramic, Silicon Carbide, Carbon, Tungsten Carbide etc. Rotary : Carbon, Tungsten Carbide, Silicon Carbide, S.S., Steallite etc.
Operating Limits	:	Temperature : 180 Deg C Pressure : 10 Bar



This type of seals are internally mounted and used in refineries, petro chemicals, chemicals and in corrosive chemicals.

Application	:	Water Sewage, Muddy Water etc.
Features	:	> Single Acting > Dependent of Direction of Rotation > Inherently Balanced
Seal Face	:	Stationery : Ceramic, Silicon Carbide, Carbon, Tungsten Carbide etc.

		Rotary : Carbon, Tungsten Carbide, Silicon Carbide, S.S., Steallite etc.
Operating Limits	:	Temperature : 200 Deg C Pressure : 14 Bar

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This Elastomer bellow is self aligning and prevents fretting of shaft.

Application	:	Water, Chemicals, Gasoline, Solvents etc.
Features	:	> Single spring hence non clogging function, > Dependent of Direction of Rotary >Single acting
Seal Face	:	Stationery : Ceramic, Silicon Carbide, Carbon, Tungsten Carbide etc. Rotary : Carbon, Tungsten Carbide, Silicon Carbide, S.S., Steallite etc.
Operating Limits	:	Temperature : 200 Deg C Pressure : 10 Bar

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Application	:	Water, Hot Water Steam, Light Solvens etc.
Features	:	> Single acting > Dependent of Direction of Rotation
Seal Face	:	Stationery : Ceramic, Silicon Carbide, Carbon, Tungsten Carbide etc. Rotary : Carbon, Tungsten Carbide, Silicon Carbide, S.S., Steallite etc.
Operating Limits	:	Temperature : 200 Deg C Pressure : 7 Bar

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The single spring is fixed inside the elastomer bellow along with seal face.

Application	:	Salt water, Electroplating solutions, Light acids etc.
Features	:	> Single acting > Dependent of Direction of Direction
Seal Face	:	Stationery : Ceramic, Silicon Carbide, Carbon, Tungsten Carbide etc. Rotary : Carbon, Tungsten Carbide, Silicon Carbide, S.S., Steallite etc.
Operating Limits	:	Temperature : 120 Deg C Pressure :5 Bar