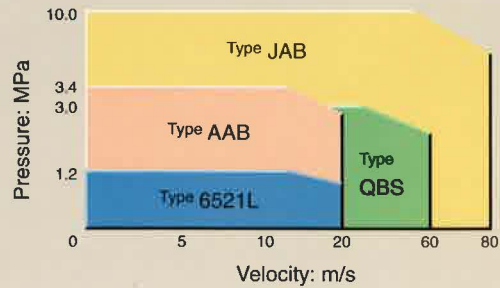


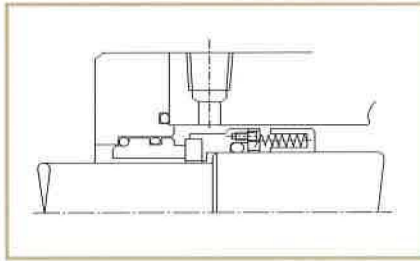
Selection of seal and packing for pump



Mechanical Seals

Type AAB

Rotating multi-spring seal



Features & Benefits

For General application

This type is widely used for wide application in many industries.

Performance

Pressure: 3.43MPa, Velocity: 20m/s, Nom.size: ϕ 20-250

Application: General pumps

Code: MS-AAB30-KEB00 - (Size), Tungsten Carbide (SiC) vs. Carbon & Fluoro Elastomer, 316 SS

Type QBS

Welded metal bellows seal

Features & Benefits

For High Temperature

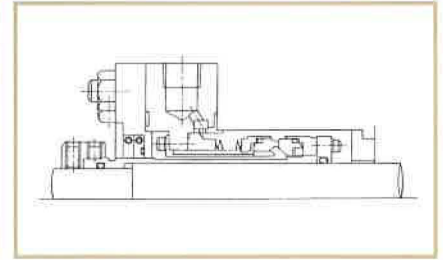
This type is stationary type using welded double metal bellows which has superior pressure resistance.

This has no stick-slip and superior heat resistance as no shaft packing is employed.

Performance

Pressure: 3.0MPa, Velocity: 60m/s, Nom.size: ϕ 23-136

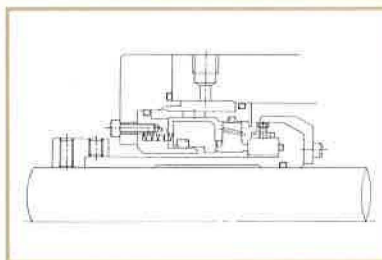
Application: Oil feed pump, Fuel transfer pump



Code: MS-QBS20-PXK00 - (Size), Tungsten Carbide (SiC) vs. Premium carbon & Fluoro Elastomer, 316 SS

Type JAB

Stationary floating ring seal (For heavy duty)



Features & Benefits

For High Load Application

This type is widely used for high speed, high pressure and big pressure fluctuation.

Carbon floating ring can accommodate big pressure fluctuation owing to its symmetrical shape. The pump fluid can be flushed effectively through lots of holes on this ring to dissipate the heat generated on the faces.

Performance

Pressure: 10.0MPa, Velocity: 80m/s, Nom.size: ϕ 50-250

Application: Boiler feed pump, Main pump for nuclear power plant

Code: MS-JAB25-R - (Size), Tungsten Carbide (SiC) vs. Premium carbon & Fluoro Elastomer, 316 SS

Gland Packings

Type 6521L

Carbonized fiber packing

Features & Benefits

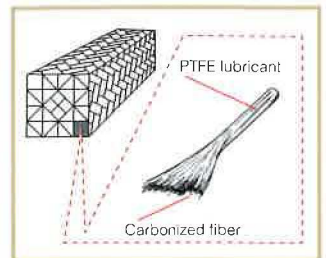
For General Pump

This is made of carbonized fiber impregnated with PTFE dispersion, and lattice braided with special lubricant. This has much enhanced performance than our popular type 6501L. This packing can accommodate big pressure fluctuation, so can be used widely in rotating/reciprocating equipment.

Performance

Temperature: 200°C, Pressure: 1.2MPa, Velocity: 20m/s, PV value: 9.8MPa·m/s
Application: Sea water pump

*Cooling is required for liquid over 80°C



Code: GP-6521L - (Size)