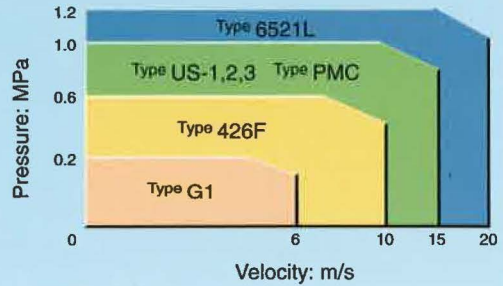


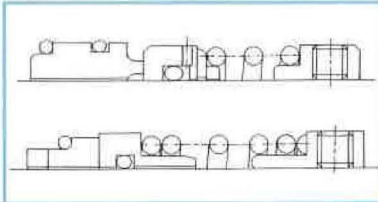
Selection of seal and packing for pump



Mechanical Seals

Type US-1,2,3

Marine Standard Seal



Features & Benefits

Marine standard seal

This seal is designed to have dimensions meeting the corresponding requirements of standards established by Japanese Marine Equipment Association. In order to prevent corrosion by sea water, it is furnished with mating face of plasma flame fusible ceramics.

Performance

Pressure: 1.0MPa, Velocity: 15m/s, Size: ϕ 20~130 (US-1), ϕ 20~180 (US-2, US-3) Application: Water, Sea water

Type US-1 Code: MS-CCU30-DAP00 - (Size), Ceramic vs Carbon & NBR, 316 SS
 Type US-2 Code: MS-CCU70-DAP00 - (Size), Ceramic vs Carbon & NBR, 316 SS
 Type US-3 Code: MS-CCU70-DAP00 - (Size), Ceramic vs Carbon & NBR, 316 SS

Type PMC

Rotating clutch-type seal

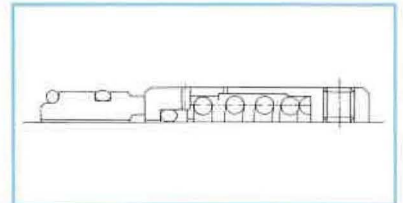
Features & Benefits

For cargo pump

Since cargo pumps are comparatively large in size, forced driving system is applied for seal ring drive.

Performance

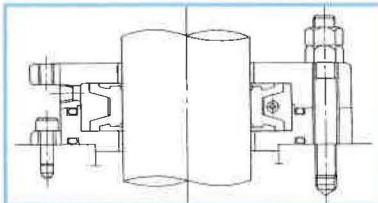
Pressure: 1.0MPa, Velocity: 15m/s, Size: ϕ 40~130
 Application: Cargo pump



Code: MS-PPU30-DAP21 - (Size), Ceramic vs Carbon & NBR, 316 SS

Type G1

Rubber End-face type Seal



Features & Benefits

Simplified U-shape rubber seal

The mechanical seal of this type is an end face type seal which uses the simplified U-shape rubber. It is designed compactly so that it enable to be installed in small space. Also it provides the excellent follow-up performance against the axial movement.

Performance

Pressure: 0.2MPa, Velocity: 6m/s, Size: ϕ 80~990 (G1-PRS), ϕ 50~450 (G1-STB) Application: Rudderstock, Stern tube

Code: MS-G1 - (Type) - (Size), Special rubber vs Ceramic & Fluoro Elastomer, Bronze

Gland Packings

Type 6521L*

Carbonized fiber packing

Features & Benefits

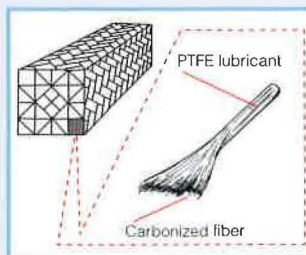
For General Pump

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: 20 m/s,
 PV value: 9.8MPa·m/s
 Application: Sea water pump

*Cooling is required for liquid over 80°C



Code: GP-6521L - (Size)