

GFD Isolation Diaphragms for Diaphragm Seals

Features

- ✓ Designed for diaphragm seal applications
- ✓ Multiple diaphragm thicknesses available
- ✓ Precision formed for reliable performance
- ✓ Various corrosion-resistant materials available
- ✓ Suitable for OEM manufacturing and replacement
- ✓ Available in over 30 standard size from Ø37 mm to Ø110 mm
- ✓ Custom sizes and materials available upon request



Introduction

The GFD Series isolation diaphragms are designed for diaphragm seal assemblies used in industrial pressure measurement applications. Manufactured with high dimensional accuracy and excellent surface finish, they are available in multiple diameters, thicknesses and corrosion-resistant materials for OEM and replacement applications.

Applications

- Diaphragm Seals
- Pressure Transmitters
- Flange Pressure Transmitters
- Chemical Seal Assemblies
- Process Pressure Instruments
- Hygienic Pressure Measurement
- Food & Beverage Industry
- Pharmaceutical Industry
- Chemical Processing
- Oil & Gas
- Power Generation

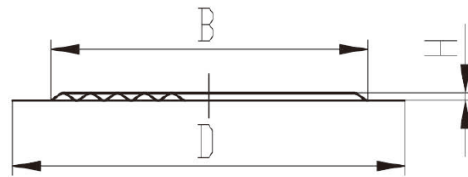
Customization Service

Kümago provides OEM manufacturing services for isolation diaphragms, including customized diameters, thicknesses, materials, forming profiles and welding dimensions according to customer drawings or specifications.

Handling & Assembly

- Handle carefully to avoid scratches or deformation.
- Ensure clean sealing surfaces before welding.
- Pressure testing is recommended after assembly.

Outline



Order Guide (mm)

D	B	Thickness	Material
37	30.5	0.06	316L Hastelloy C276 Tantalum
38	30.5	0.08	
	31.5		
	32		
	33		
42	30	0.08	
	32.5		
	33		
	34		
	35		
47	38	0.08	
48	38	0.08	
	44		
50	30	0.08	
	32.5		
	36.5		
	38.5		
	42		
	44.5		
54.5	44.5	0.08	
56	46	0.08	

D	B	Thickness	Material
58	38.5	0.08	316L Hastelloy C276 Tantalum
	46		
	49		
59	50	0.08	
60	46	0.08	
	49		
65	32.5	0.08	
	49		
	56.5		
68	49	0.08	
70	38.5	0.08	
	49		
	50		
	56.5		
77	62	0.08	
84	62	0.08	
92	49	0.08	
99	49	0.08	
100	32.5	0.08	
	49		
110	49	0.08	

Note:

H: 0.4mm-0.7mm

Hastelloy B3 is available only with 0.1 diaphragm thickness.

Other materials requirement please contact us.