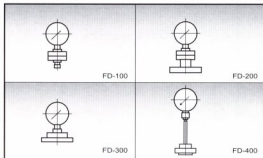




FD-100



Model No.:FD-100 \ FD-200 \ FD-300 \ FD-400 SERIES

Outline:

FTB Diaphragm Seals are especially suitable for pressure sources with corrosive acids, fluids or sticky compounds combined where pressure sources might harm the gauges directly. They are widely used in petroleum, food, chemical, and pharmaceutical industries.

Applicable Pressure Gauges:

Dial sizes ranging from 60 mm-150 mm.

Diaphragm Materials:

Our standard diaphragm is made of S.S. 316 for upper and lower parts, other requests for special materials, shown below, are acceptable on demand. S.S. 304, P.V.C., F.R.P., Nickel, Hastelloy B&C, Teflon (PTFE), Tantalum, etc.

Liquids Filled:






The selections of the fillings depend on the temperature expected in any given applications. Our standard fillings are glycerin and silicone.

Capillary Tubes:

Standard length of capillary tubes is 3 meters extending up to 10 meters.

Technical Data:

Ranges: vacuum of -1/0 bar, minimum pressure of 1 bar and 400 bar maximum. Temperature ranges: -20 ... +200 C (temperature of diaphragm) up to 400 C max.

Model	Dial	Connection	Pressure range	Model	Dial	Connection	Pressure range		
FD-100		2 1/2" ϕ 3" ϕ 4" ϕ 6" ϕ	PT or PF 3/8"-1"	76 cmHg-0 0-200 kg/cm ²	FD-300		3" ϕ 4" ϕ 6" ϕ	JIS 10K, 5K ANSI# 150 1"-4"	76 cmHg-0 0-200 kg/cm ²
					FD-400		4" ϕ	CLAMP-TYPE NUT-TYPE	0-100kg/cm ² 0-600 kg/cm ²
FD-200		3" ϕ 4" ϕ 6" ϕ	JIS 10K, 5K ANSI# 150 1/2"-2"	76 cmHg-0 0-200 kg/cm ²	Diaphragm with Capillary		3" ϕ 4" ϕ 6" ϕ	JIS 10K 1/2" And Other Customized Designs	0-1kg/cm ² 0-200 kg/cm ²