

Manifolds Accessories

Flange Bolts & Seals

Flange Bolts

Flange Bolt	Ordering No.	Hex Size mm (in.)	Length mm (in.)	Threads	Bolt Material Designator
Standard Hex Head Bolt	SM-FB	15.87 (5/8)	25.0 (1.0)	7/16 - 20	Stainless Steel : -S Carbon Steel : -C
Long Stud with Hex Nut	SM-LFB		58.0 (2.28)		
Short Hex Head Bolt	SM-SFB		22.2 (0.875)		

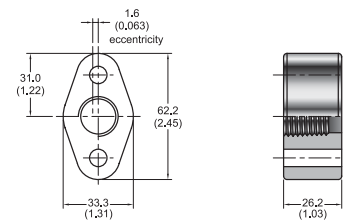
Flange Seals

Seal Material	Ordering No.	Temperature Rating
Viton	SM - FS - V	-20 °F ~ 450 °F (-28 °C ~ 232 °C)
PTFE	SM - FS	-65 °F ~ 250 °F (-53 °C ~ 121 °C)
Grafoil	SM - FS - GR	-65 °F ~ 1000 °F (-53 °C ~ 537 °C)



Concentric & Eccentric Oval Flange

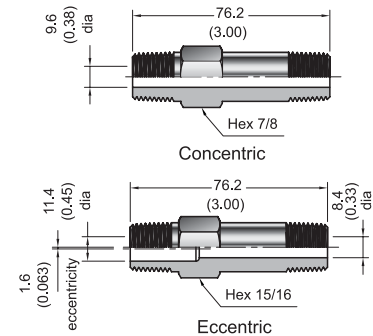
- Eccentric Flanges and Pipe Nipple allow connections of flange - to - flange manifolds to process flange taps or process root valves.
- Standard connection is female NPT 1/2".
- Concentric & eccentric oval flange ordering number : Concentric oval flange female NPT 1/2" : SM - COF - F8N
Eccentric oval flange female NPT 1/2" : SM - EOF - F8N
- Dimensions, in millimeters (inches), are for reference only and are subject to change.



Concentric & Eccentric Pipe Nipple

Type	Ordering No.	Material	Pressure Rating @70 °F (20 °C) psig (bar)	Temperature Rating °F (°C)	Pressure Rating @Max. temperature
Concentric	SM - CPN - S	SS316 / A276	10000 (689)	-65 to 1200 (-53 to 648)	2850 psig @ 1200 °F (196 bar @ 648 °C)
	SM - CPN - C	Carbon Steel / A108	8000 (551)	-20 to 350 (-28 to 176)	6970 psig @ 350 °F (480 bar @ 176 °C)
Eccentric	SM - EPN - S	SS316 / A276	7500 (516)	-65 to 1200 (-53 to 648)	2140 psig @ 1200 °F (147 bar @ 648 °C)
	SM - EPN - C	Carbon Steel / A108	6000 (413)	-20 to 350 (-28 to 176)	5230 psig @ 350 °F (360 bar @ 176 °C)

* Dimensions, in millimeters (inches), are for reference only and are subject to change.



Calibration Fittings



Calibration fittings connect directly to the bleed port of differential pressure transmitter.

Material	Ordering No.	SUPERLOK O.D	Stright Male Thread
Stainless Steel / A276	SCAL4 - 1U	1/4"	1/4 - 28UNF
	SCAL4 - 2U		5/16 - 24UNF

Vent plugs, Bleed & Purge Valves

- Bleed & Purge valves used to vent to atmosphere and to assist in calibration.
- Are offered in 1/4, 3/8, and 1/2 in. male NPT sizes.
- For more information, see the SUPERLOK BLEED & PURGE VALVE catalog. (BMT CBPV)
- Dimensions, in millimeters (inches), are for reference only and are subject to change.

