

Engineering Data Sheet 400° F

Applications

Zflex FKM / Viton expansion joints are used in applications where the operating temperature does not exceed 400° F and where a tough, high strength expansion joint is required. Typical applications include wet & dry scrubbers, precipitators inlet & outlet, air heater outlet, Induced draft fan inlet & outlets etc.

Zflex FKM / Viton expansion joints can be provided in a flat belt or integral flange geometry and can be reinforced with fiberglass fabric, aramid fabric or stainless steel wire mesh.

Standard Temperature / Pressure :

Temperature: Max. 400°F Min. - 40°F

Excursions up to 650°F for 1/2 hour.

Pressure: + 5 psig - 5 psig

Standard Face to Face

6"	9"	12"	16"
Duct breach opening			
5 1/2"	8 1/2"	11"	15"

Standard Movement s

Axial Compression			
1 1/2"	2 3/4"	3 1/2"	5"
Axial Extension			
1/2"	1/2"	1"	1"
Lateral offset, (Resultant)			
1 1/2"	2 3/4"	3 1/2"	5"

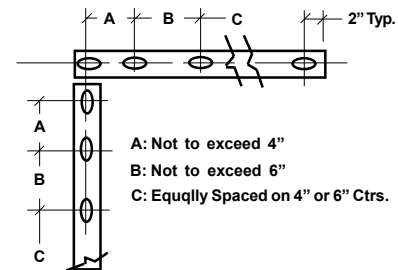
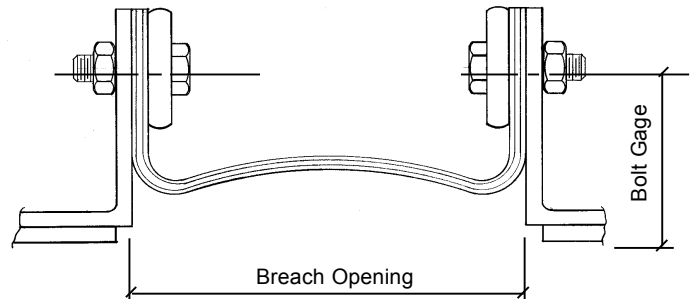
Standard Weights

Weight per lineal foot (without backup bars)

6" F/F	2.0 lb./ LF
9" F/F	2.4 lb./ LF
12" F/F	2.8 lb./ LF

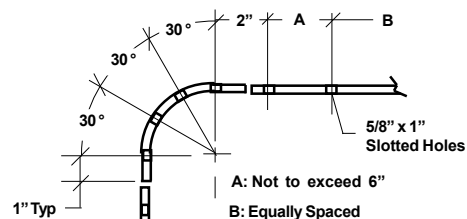
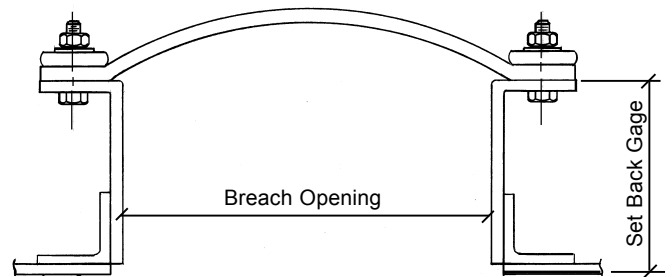


Integral Flange Geometry



Typ. Corner Detail

Flat Belt Geometry



Typ. Corner Detail