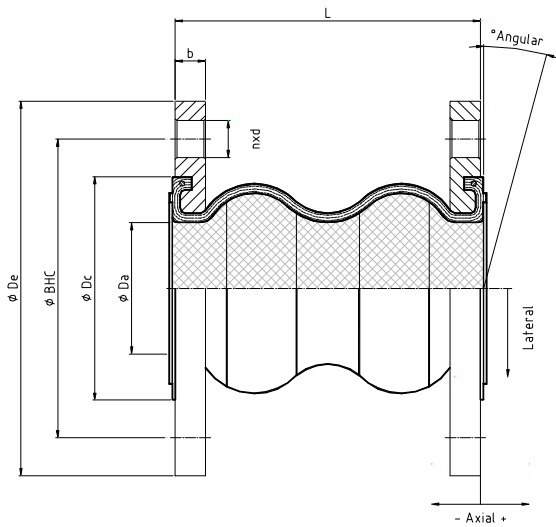


Rubber Expansion Joint highFLEX SFR - DF



The maximum operating pressure can be calculated with the temperature related factors.

85 °C = 0.92 90 °C = 0.83
 95 °C = 0.75 100 °C = 0.67
 105 °C = 0.60

Rubber material

EPDM, Butyl, Nitrile, Neoprene, Hypalon, Viton
 Different inside- and outside coatings are possible.

Make up

Deep convoluted, high flexible bellow Nyloncord reinforcement. The wire reinforced rubber joint face (packing profile) is self-sealing.

Flanges

Both sides with galvanized swivel metal flanges with drilled bolt holes.

Dimensions according to DIN PN 10 / 16 or ANSI 150 lbs. For dimensions of please refer to the enclosed table.

Special flanges are available on request.

Pressure range

Maximum operating pressure according to table for max. 80 °C (please contact supplier for higher operation temperature). For shock load the operating pressure is reduced to 70 %.

Vacuum: up to 880 mbar without supporting ring

Burst pressure: DN 32 - DN 300 = 60 bar

DN 350 - DN 450 = 24 bar

Maximum Temperature: -10 to +105 °C

DN - nominal size mm (in.)	Da mm	Dc mm	b mm	L mm	Axial +mm	Axial -mm	Lateral mm	Angular (°)	Max. pressure bar up to +80 °C	Max. Temp. + °C	Vacuum mbar
32 (1 1/4")	37	68	16	175	25	50	40	40	16	105	880
40 (1 1/2")	37	68	16	175	25	50	40	40	16	105	880
50 (2")	50	86	16	175	25	50	40	40	16	105	880
65 (2 1/2")	65	106	16	175	25	50	40	40	16	105	880
80 (3")	72	118	18	175	25	50	40	40	16	105	880
100 (4")	98	152	18	225	30	55	40	35	16	105	880
125 (5")	122	182	20	225	30	55	40	35	16	105	880
150 (6")	146	213	22	225	30	55	40	35	16	105	880
200 (8")	194	262	22	325	30	65	35	30	16	105	880
250 (10")	245	323	24	325	30	65	35	30	16	105	880
300 (12")	295	372	26	325	30	65	35	30	16	105	880
350 (14")	320	409	26	350	30	40	30	20	10	105	880
400 (16")	365	471	28	350	30	40	30	20	7	105	880
450 (18")	420	520	30	350	30	40	30	20	7	105	530

GASKETS

TECHNICAL TEXTILES

EXPANSION JOINTS

INSULATION

NEW MATERIALS

Frenzelit GmbH
 P.O. Box 11 40
 95456 Bad Berneck
 Germany
 Phone +49 9273 72-0
 Fax +49 9273 72-102
 info@frenzelit.com
 www.frenzelit.com

 **Frenzelit**
 creating hightech solutions