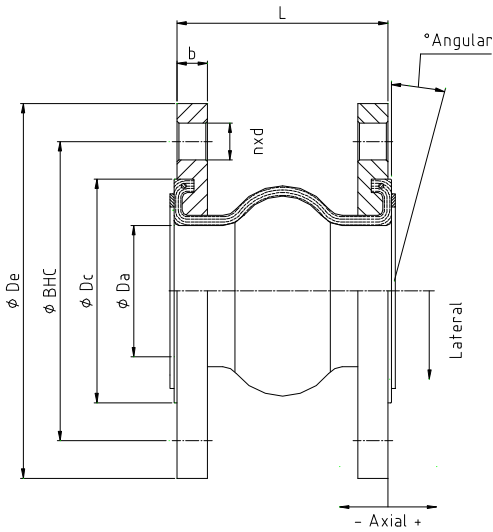


Rubber Expansion Joint highFLEX SFR - US



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

Convolute, 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

The 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 600 = 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")	30	55	16	150	10	13	13	15	16	105	880
40 (1 1/2")	37	68	16	150	10	13	13	15	16	105	880
50 (2")	50	86	16	150	10	13	13	15	16	105	880
65 (2 1/2")	65	106	16	150	10	13	13	15	16	105	880
80 (3")	72	118	18	150	10	13	13	15	16	105	880
100 (4")	98	152	18	150	10	16	13	15	16	105	880
125 (5")	122	182	20	150	10	16	13	15	16	105	880
150 (6")	146	213	22	150	10	16	13	15	16	105	880
200 (8")	194	262	22	150	10	16	13	15	16	105	880
250 (10")	245	322	24	200	13	19	19	15	16	105	880
300 (12")	295	371	26	200	13	19	19	15	16	105	880
350 (14")	320	412	26	200	13	19	19	15	10	105	880
400 (16")	365	475	28	200	13	19	19	15	7	105	880
450 (18")	420	526	30	200	13	19	19	15	7	105	880
500 (20")	480	575	30	200	13	19	19	15	7	105	880

GASKETS

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