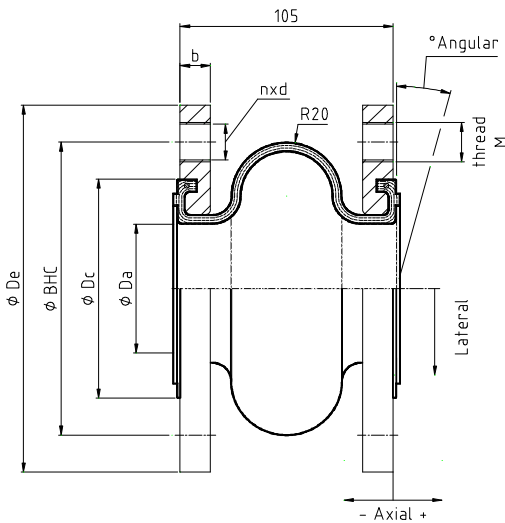


Rubber Expansion Joint highFLEX SFR - 105



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

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")	37	68	16	105	20	30	15	7.5	16	105	880
40 (1 1/2")	37	68	16	105	20	30	15	7.5	16	105	880
50 (2")	50	86	16	105	20	30	15	7.5	16	105	880
65 (2 1/2")	65	106	16	105	20	30	15	7.5	16	105	880
80 (3")	72	118	18	105	20	30	15	7.5	16	105	880
100 (4")	98	152	18	105	20	30	15	7.5	16	105	880
125 (5")	122	182	20	105	20	30	15	7.5	16	105	880
150 (6")	146	213	22	105	20	30	15	7.5	16	105	880
200 (8")	194	262	22	105	20	30	15	5	16	105	880
250 (10")	245	323	24	105	20	30	15	5	16	105	880
300 (12")	295	372	26	105	20	30	15	5	16	105	880

GASKETS

TECHNICAL TEXTILES

EXPANSION JOINTS

INSULATION

NEW MATERIALS

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