



Expansion Joint Single Sphere, Floating Flange CODE S15



Application

For all types of industrial applications, residential houses, industrial plants, industrial premises as well as heating and sanitary applications.

Compensate for thermal elongation and misalignment. Isolate vibrations, dampen noise and pressure surges in connection with engines, pumps, turbines etc.

Design

A moulded rubber bellows that combines elastic properties of rubber with various types of reinforcement to provide a flexible pipe joint that is easy to install providing good performance and a long service life.

Building length 130 mm.
Turnable flanges.

Specification:

Rubber expansion joint, Neoprene Rubber
Flanged end connections, Carbon steel
Floating flanges, Electro-Galvanized.

Hydrostatic Test Pressure:

Body : 24 bar

Burst Pressure:

DN 32 - 300 : 60 bar at 20 deg.C

DN 350 - 500 : 24 bar at 20 deg.C

Pressure / Temperature Rating:

16 bar at 40 deg.C

12 bar at 60 deg.C

8 bar at 80 deg.C

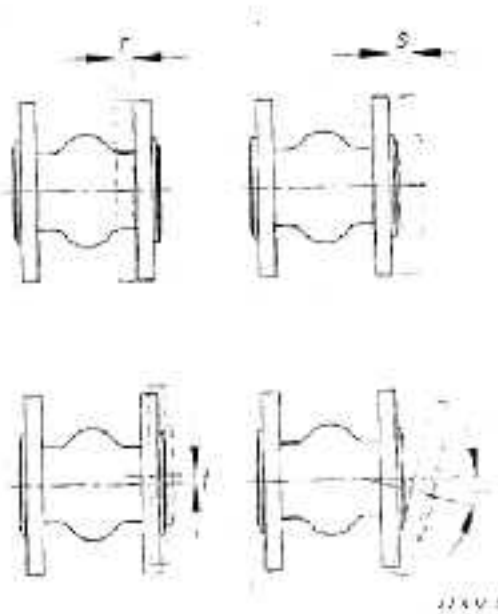
3 bar at 90 deg.C

Maxm. allowable short term tempr' 100 deg.C

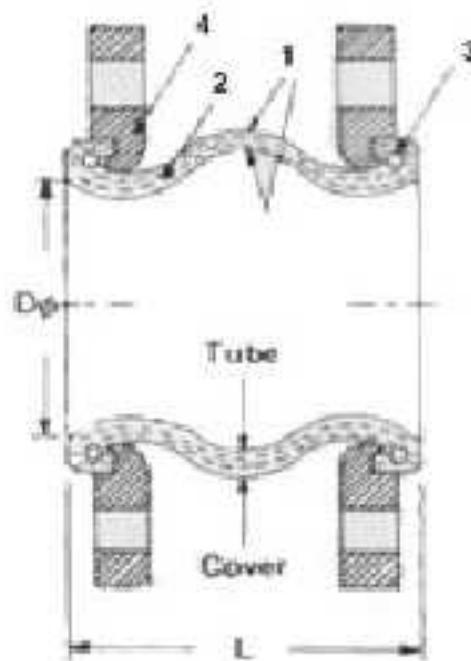
Maxm. vacuum rating 750mm Hg

On Request (forward delivery):

RBM FLEX expansion joints are available with ANSI CL



Diameter		Length MM	Allowable Movement				Weight KGS
MM	INCH		Axial Compression MM (r)	Axial Elongation MM (s)	Transverse Deflection MM (t)	Angular Deflection MM (hk)	
25	1"	130	30	20	20	15°	2.50
32	1-1/4"	130	30	20	20	15°	3.09
40	1-1/2"	130	30	20	20	15°	3.57
50	2"	130	30	20	20	15°	4.11
65	2-1/2"	130	30	20	20	15°	5.19
80	3"	130	30	20	20	15°	6.45
100	4"	130	30	20	20	15°	7.30
125	5"	130	30	20	20	15°	9.92
150	6"	130	30	20	20	15°	13.05
200	8"	130	30	20	20	15°	18.36
250	10"	130	30	20	20	10°	25.52
300	12"	130	30	20	20	10°	32.17



Item #	Part	Materials
1	Body	Reinforced Neoprene Rubber. Other elastomers also available
2	Reinforcement	Nylon Cord
3	Wire	Carbon Steel Wire
4	Flange	Steel St 37.2 Electro Galvanized. Various galvanized drillings available