

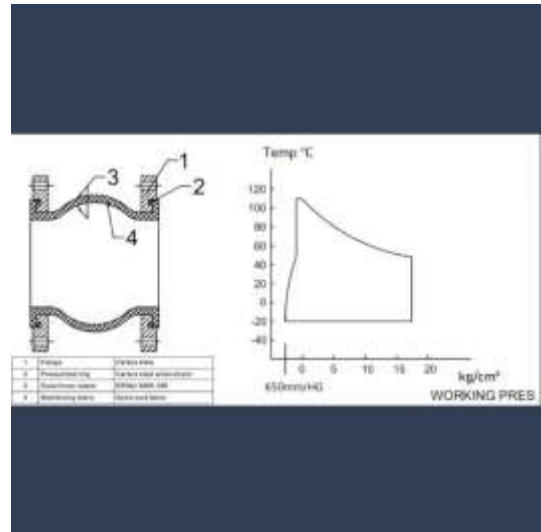


# TECHNICAL DATA SHEET

Rubber expansion joint ref. 420003000 series



## Rubber expansion joint ref. 420003000 series with metal flanges one sphere



### Conditions

Size	DN 1"-12"	DN 14"-24"
Working pressure	16 bars	8 bars
Burst pressure	48 bars	24 bars
Vacuum rating	650mm/HG	
Temp. °C	-15°C - 115°C	

### Note :

Standard material is EPDM.  
Tolerances for installation should not over 30% of allowable movements.  
Control rods must be installed when pressure exceeds the rating :  
150psi / DN1"-4", 135psi / 5"-10",  
90psi / 12"-14", 45psi / 16"-24"

MAIN PARAMETERS ref. ORNITECOEJ3000						
Nominal diameter DN		Length (mm)	Axial displacement		Lateral displacement (mm)	Angular
(mm)	(inch)		Extension (mm)	Compression (mm)		
25	1	95	4	8	8	15°
32	1 1/4	95	4	8	8	15°
40	1 1/2	95	4	8	8	15°
50	2	105	5	8	8	15°
65	2 1/2	115	6	12	10	15°
80	3	135	6	12	10	15°
100	4	135	10	18	12	15°
125	5	165	10	18	12	15°
150	6	180	10	18	12	15°
200	8	210	14	25	22	15°
250	10	230	14	25	22	15°
300	12	245	14	25	22	15°
350	14	255	16	25	22	15°
400	16	255	16	25	22	15°
450	18	255	16	25	22	15°
500	20	255	16	25	22	15°
600	24	260	13	19	19	15°