



Main Features:-

- ◆ Expansion Joint
- ◆ DN32 to DN500 PN10 (PN16 to 12")
- ◆ 80251 – Flanges EN 1092
- ◆ 80252 – Flanges ANSI 150 B 16.5.
- ◆ Working temperature – 10 °C + 105 °C.

*Temperature and pressure determined by valve body, seat etc.



Suitable Applications & Approvals:



HVAC



OIL



GAS

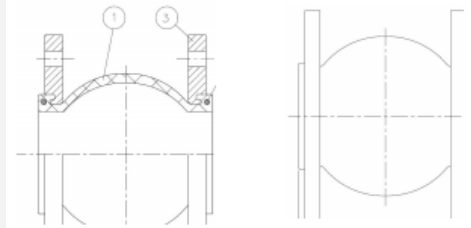


INDUSTRY

SERIES: 80251/80252

MANUFACTURER: **GENEBRE**

ITEM	SECTION	MATERIAL	ADDITIONAL INFO / OPTIONS
1	Body	EPDM + Nylon	n/a
2	Ring	Carbon Steel	Zinc Plated
3	Flange	Carbon Steel	Zinc Plated



VALVE MATERIALS

REF	Size	DN	PN	ØA 80251	ØA 80252	ØB 80251	ØB 80252	ØC
80251-07	1 1/4"	32	16	140	117.5	100	88.9	32
80251-08	1 1/2"	40	16	150	127	110	98.4	40
80251-09	2"	50	16	165	152.4	125	112.6	52
80251-10	2 1/2"	65	16	185	177.8	145	139.7	68
80251-11	3"	80	16	200	190.5	160	152.4	76
80251-12	4"	100	16	220	228.6	180	177.8	103
80251-13	5"	125	16	250	254	210	215.9	128
80251-14	6"	150	16	285	279.4	240	241.3	152
80251-16	8"	200	16	340	342.9	295	298.5	194
80251-18	10"	250	16	395	406.4	350	361.9	250
80251-20	12"	300	16	445	482.6	400	431.8	300
80251-22	14"	350	10	505	533.4	460	476.2	320
80251-24	16"	400	10	565	596.9	515	539.7	372
80251-26	18"	450	10	615	635	565	577.8	415
80251-28	20"	500	10	670	698.5	620	635	454



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E sales@allvalves.co.uk

W www.allvalves.co.uk

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Genebre are a global brand of industrial valves with large stocks held for fast delivery on various type of valves, sizes, end connections and materials.

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TORQUE / Kv VALUES / DIMENSIONS

REF	ØD	L	E	nxØH 80251	nxØH 80252	Kg80251	Kg 80252
80251-07	69	95	16	4x18	4x16	2.86	2.46
80251-08	69	95	16	4x18	4x16	3.24	2.8
80251-09	86	105	16	4x18	4x19	4.10	3.9
80251-10	106	115	16	4x18	4x19	4.87	4.77
80251-11	126	130	18	8x18	4x19	6.20	5.92
80251-12	150	135	18	8x18	8x19	6.80	7.26
80251-13	180	170	20	8x18	8x22	9.50	9.2
80251-14	209	180	22	8x18	8x22	12.4	11.78
80251-16	260	200	22	8x18	8x22	16.86	17.4
80251-18	320	240	24	12x23	12x25.4	21.20	24.76
80251-20	367	260	24	12x23	12x25.4	28.1	33.7
80251-22	408	265	26	16x23	12x28.6	36.7	45.9
80251-24	472	265	26	16x28	16x28.6	44.4	53
80251-26	522	265	26	20x28	16x31.7	46.8	55.42
80251-28	570	265	28	20x28	20x31.7	59	68.8

REF	Axial Compression (mm)	Axial Stretch(mm)	Angular deflection (α 1 + α 2)	Lateral Displacement (mm)
80251-07	10	6	15°	9
80251-08	10	6	15°	9
80251-09	10	7	15°	10
80251-10	13	8	15°	12
80251-11	15	8	15°	12
80251-12	19	12	15°	15
80251-13	19	12	15°	15
80251-14	20	12	10°	15
80251-16	20	12	10°	22
80251-18	28	16	10°	22
80251-20	28	16	10°	25
80251-22	28	16	10°	25
80251-24	28	16	10°	25
80251-26	28	16	10°	25
80251-28	28	16	10°	25



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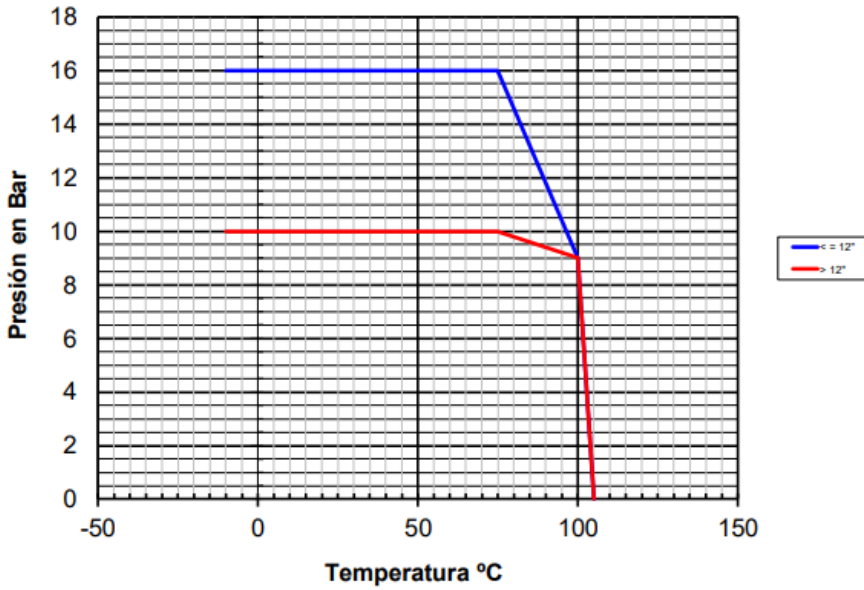


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DIAGRAM OF DISPLACEMENT / PRESSURE TEMPERATURE CHART

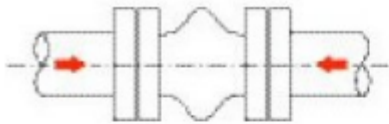
PRESSURE TEMPERATURE RATING



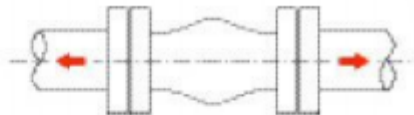
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Genebre is a leading company and world reference in fluid control and high-quality taps. They control all the creation processes, responding to the specific needs of each market: from the initial concept and design of the product to the production and commercialization.

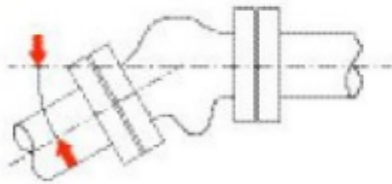
Diagram of displacements



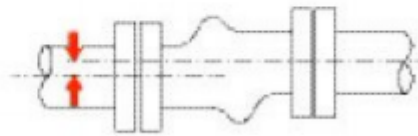
Compresión Axial / Axial Compression



Elongación Axial / Axial Elongation



Deflexión Angular / Angular Deflection



Desplazamiento Lateral / Lateral Displacement



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