

JVT1503

**Rubber Expansion Joint
Air & Oil Duty
NBR Tube**

**DN32-150 PN16 Flanged
DN200 PN10 Flanged**



The JVT1503 expansion joint helps to alleviate stress in air and oil systems by absorbing vibration, noise, thermal expansion, compression, lateral and angular movements in pipework.

Features & Benefits

- Suitable for marine applications
- Single sphere tube
- Nylon reinforced liner
- Swivelling flanges

Pressure & Temperature

Pressure range:-
PN16
(see graph below)

Temperature range:-
-10°C to 80°C

SIZE	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200
L	95	95	105	115	130	135	170	180	205
ØD	29	37	47	57	74	91	119	145	199
ØD1	69	79	90	108	124	145	179	209	261
Weight Kg	2.95	3.46	3.98	4.89	6.57	6.74	9.36	12.71	16.80

Maximum Movement (can't be applied simultaneously)



Compression



Expansion



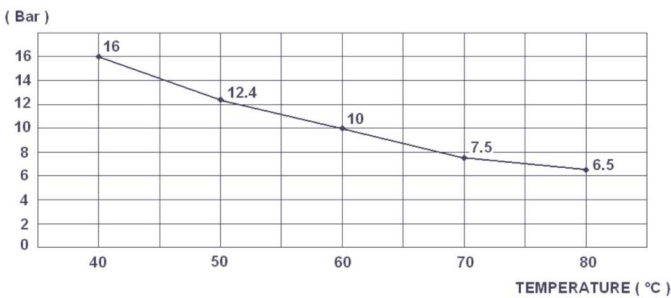
Lateral



Angular

SIZE	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200
Compression	8	8	8	12	12	18	18	18	20
Expansion	4	4	4	6	10	10	10	10	14
Lateral	8	8	8	10	12	12	12	12	18
Angular	15°	15°	15°	15°	15°	15°	15°	15°	15°

Pressure / Temperature Graph



MATERIALS

Inner Tube & Cover	NBR
Reinforcement	Nylon cord
Flanges	Galvanised steel
Brace	Hard steel

OPTIONS

EPDM Inner Tube & Cover	JV1501
130mm Length	JV1506
Expansion Limiter	98604