

VIBRATION EXPANSION JOINT / 5500



PN 16
DN32 → DN250

PRODUCTION STANDARDS

DESIGN	TS 10880 / DIN30681
END CONNECTION	FLANGED TS EN 1092-1 / ISO 7005-1
FACE TO FACE	TS 10880 / DIN30681
TEST	TS 10880 / DIN30681
MARKING	TS EN 19 / TS 10880/ DIN30681

FEATURES

- FAF5500 Vibration Absorber is used at absorption-pressure lines for purpose of isolation of vibration and generally manufactured of two-ply bellows.
- These items, which have compact and flexible structure, can be replaced with rubber joints in high pressures and pump connection installations where corrosive fluids are used.
- The forces caused by flow pressure are eliminated through limiting the axial movements by the existing limit rods and the need for fixed support is eliminated.

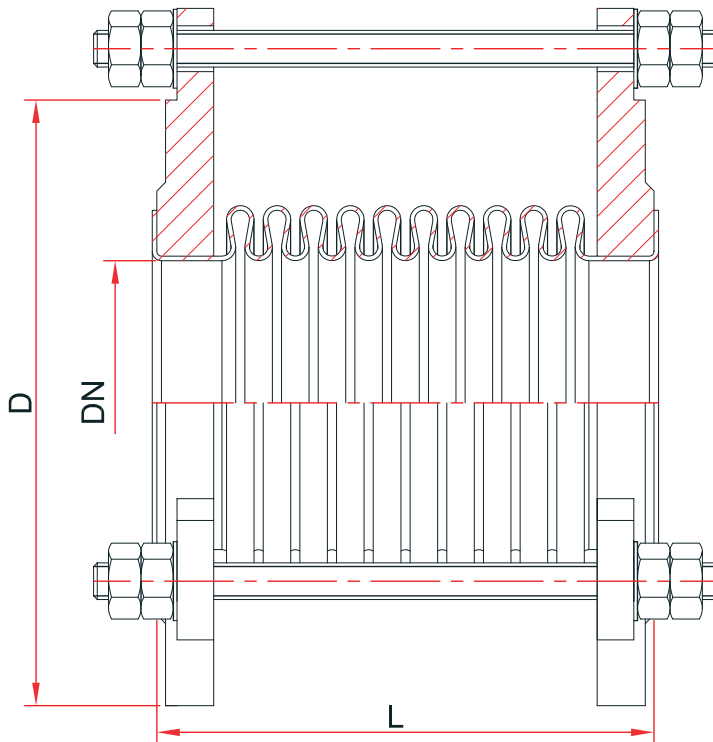
APPLICATIONS

Steam, Hot Water, Cold Water, Potable Water, Superheated Water, Gas Networks, Chemicals, Pressurized Air

TEMPERATURE

-20, +430 °C

TECHNICAL DRAWING



MATERIAL SELECTION

BELLOW	1.4301 - AISI 304 STAINLESS STEEL
	1.4401 - AISI 316 STAINLESS STEEL
	1.4541 - AISI 321 STAINLESS STEEL
BODY	1.0037 - ST 37 STEEL
	1.4301 - AISI 304 STAINLESS STEEL
	1.4401 - AISI 316 STAINLESS STEEL
FLANGE	1.0037 - ST 37 STEEL
	1.4301 - AISI 304 STAINLESS STEEL
	1.4401 - AISI 316 STAINLESS STEEL
COATING	ELECTROSTATIC POWDER EPOXY

DN	DIMENSION			RATINGS		BOLT DIMENSION	BOLT / NUT QTY	FASTENING MOMENT Nm	WRENCH SIZE (mm)
	mm	D	L +/-5	Expansion Range	Effective Area cm ²				
32	140	130	-20/+10	21	3,2	M16X60	4X2	205	24
40	150	130	-20/+10	24	4,1	M16X60	4X2	205	24
50	165	130	-20/+10	36	5,5	M16X60	4X2	205	24
65	185	135	-20/+10	57	6,7	M16X60	4X2	205	24
80	200	135	-20/+10	77	8,8	M16X65	8X2	205	24
100	220	135	-20/+10	126	9,5	M16X65	8X2	205	24
125	250	135	-20/+10	180	12,5	M16X70	8X2	205	24
150	285	140	-20/+10	263	16,0	M20X75	8X2	400	30
200	340	145	-20/+10	434	22,00	M20X80	12X2	400	30
250	405	150	-20/+10	670	27,5	M24X90	12X2	691	36

* Valves can be produced with bigger sizes when requested.