EXPANSION JOINTS
FIG. S31H16E

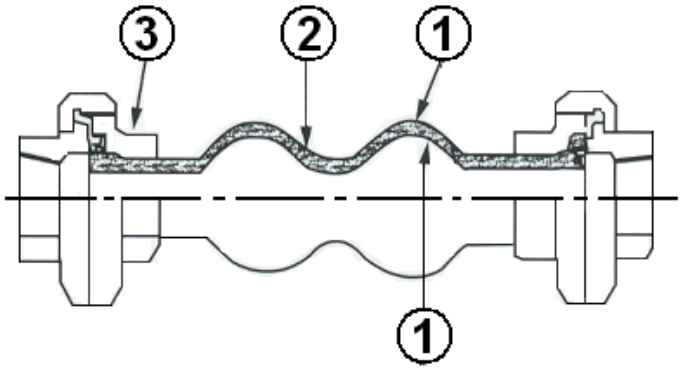
GENERAL FEATURES:
Bellow in EPDM
Flanges in galvanized cast iron
Temperature range:-10°C ~ 100°C
Max. working pressure: 16 bar

USAGE:
- Water distribution, heating and HVAC

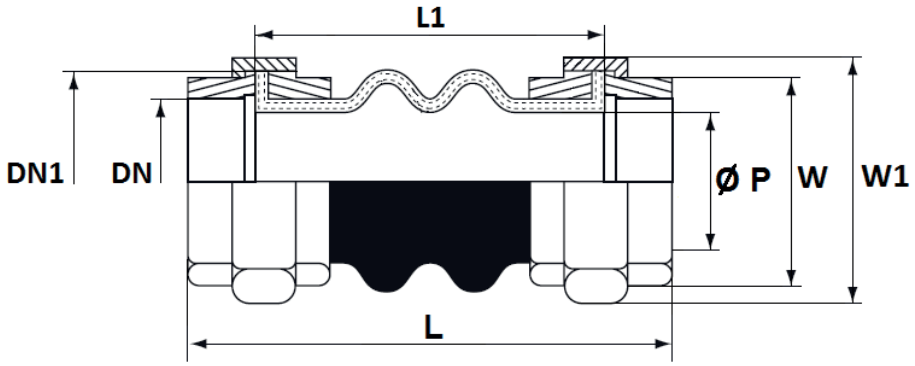


DESIGN STANDARDS	
Construction	ISO 9001 : 2015
Connection	BSP according to ASO 7/1 Rc
TESTS AND CERTIFICATES	
Quality Assurance	ISO 9001, CE-PED (excluded according to art. 4.3 sound engineering practice)

Subject to changes



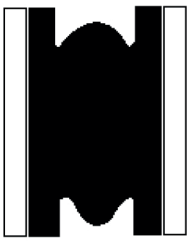
N°	Description	Materials
1	Bellow (inside & outside)	EPDM
2	Reinforcement	Nylon cord
3	Threaded connection	Cast iron, galvanised



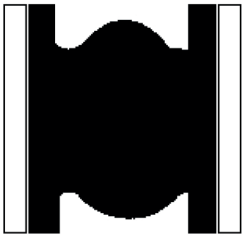
Dimensions (mm):

Ø	DN1	L	L1	Ø P	W	W1	Kg
1/2”	M42	200	151	14	27	49	0,43
3/4”	M42	200	151	16	33	49	0,63
1”	M52	200	150	21	41	60	0,94
1 1/4”	M60	200	143	25	50	70	1,41
1 1/2”	M68	200	137	32	55	79	1,77
2”	M82	200	130	42	69	95	2,32
2 1/2”	M98	240	166	58	85	113	3,58
3”	M115	240	156	62	97	127	4,88

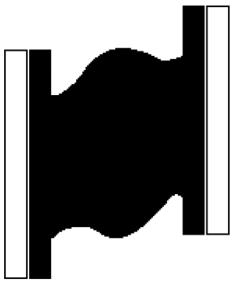
Subject to changes



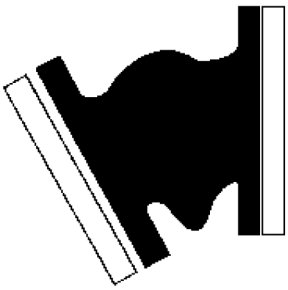
COMPRESSION



EXPANSION



LATERAL



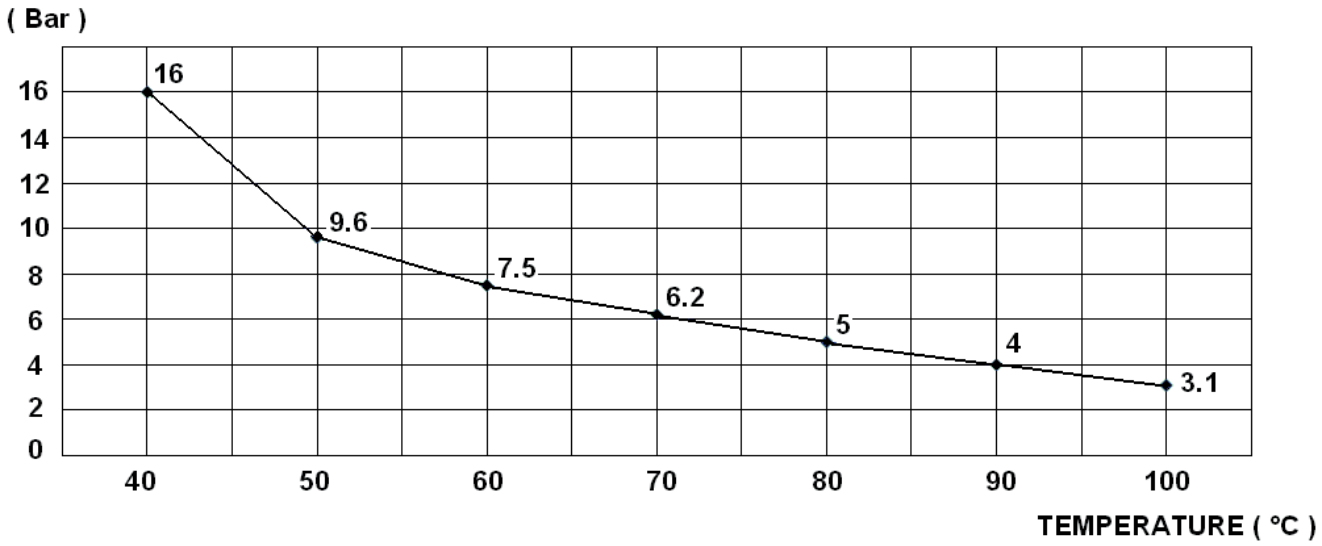
ANGULAR

Movement (mm):

ø	Compression	Expansion	Lateral	Angular
1/2”	22	6	22	30°
3/4”	22	6	22	30°
1”	22	6	22	30°
1 1/4”	22	6	22	30°
1 1/2”	22	6	22	30°
2”	22	6	22	20°
2 1/2”	22	6	22	15°
3”	22	6	22	15°

Subject to changes

PT*:



* The values listed above are NOT applicable for steam

Subject to changes