

RUBBER EXPANSION JOINT zJOI


Body material	Nominal pressure	Nominal diameter	Max. temperature
L EPDM	C 16 bar B 10 bar	DN 32-300 DN 350-600	100°C

FEATURES

- galvanized carbon steel flanges
- easy to install
- flanges drilled according to EN-1092-2

APPLICATION

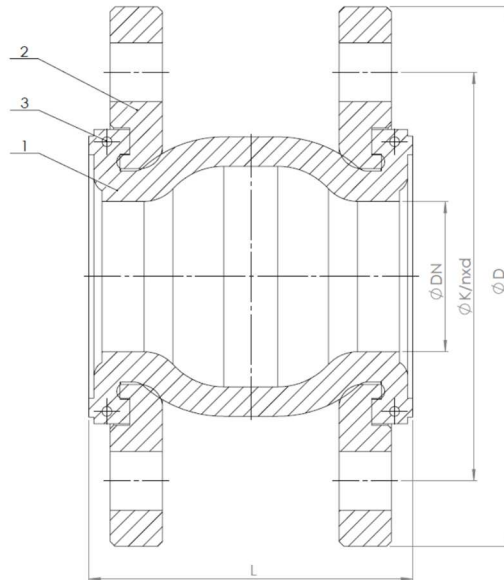
industries					
	INDUSTRY	SHIPBUILDING INDUSTRY	HEATING	REFRIGERATION AND AIR CONDITIONING	
media					
	GLYCOL	INDUSTRIAL WATER	DRINKING WATER	COMPRESSED AIR*	NEUTRAL FLUIDS

* group 2 gases DN 32-50 PS=16 bar
DN 65-100 PS=10 bar

Data given can be changed without notice.

Edition 01/2021

FIG.700

MATERIALS, DIMENSIONS


	Body material	L
	Type	00
1	Body	EPDM + nylon
2	Flanged ends	Galvanized carbon steel
3	Reinforcing retaining ring	Carbon steel
Max. temperature		100°C

DN	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L (mm)	95	95	105	115	130	135	170	180	205	240	260	265	265	265	265	265
Compression (mm)	10	10	10	15	15	20	20	20	20	30	30	30	30	30	30	30
Elongation (mm)	6	6	6	8	8	12	12	12	12	14	14	14	14	14	14	14
Lateral deflection (mm)	10	10	10	12	12	16	16	16	16	25	25	25	25	25	25	25
Angular deflection (°)	25	25	25	25	25	15	15	15	15	8	8	8	8	8	8	8
K _{vs} (m³/h)	27,7	50,8	75,1	133,0	181,6	317,7	499,0	834,5	1477,8	-----	-----	-----	-----	-----	-----	-----
Weight (kg)	2,70	2,98	4,12	4,86	5,76	6,74	9,28	11,28	17,12	25,20	31,52	40,26	54,44	61,82	63,66	119,00

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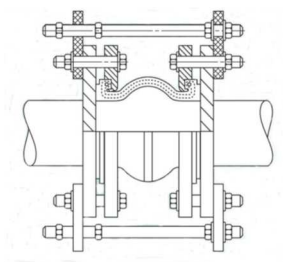
ZETKAMA Sp. z o.o.
 Ul. 3 Maja 12
 PL 57-410 Ścinawka Średnia

Tel. +48 74 8652 193
 Tel. +48 74 8652 111
 Fax +48 74 8652 199

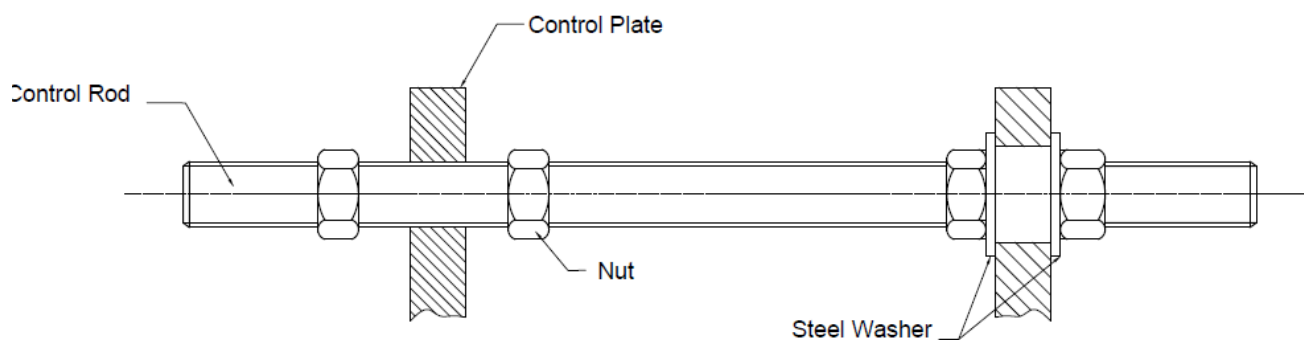
E-mail export@zetkama.com.pl
www.zetkama.com

FIG.700

CONTROL ROD JUNIT*



DN	32	40	50	65	80	100	125	150	200	250	300
M (mm)	12	12	16	16	16	16	16	16	22	22	24
L (mm)	200	200	230	230	260	260	300	320	350	400	440



*Expansion Joint need 2 sets of the above

FLANGE DIMENSIONS ACC. PN-EN 1092-2

DN	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
D (mm)	140	150	165	185	200	220	250	285	340	405	460	505	565	615	670	780
K (mm)	100	110	125	145	160	180	210	240	295	355	410	460	515	565	620	725
nxd (mm)	4x18	4x18	4x18	4x18	8x18	8x18	8x18	8x22	12x23*	12x26	12x26	16x22	16x26	20x26	20x26	20x30

*PN 10 – 8x22

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Tel. +48 74 8652 193
Tel. +48 74 8652 111
Fax +48 74 8652 199

E-mail export@zetkama.com.pl
www.zetkama.com

TYPE

Figure	Body material	Nominal diameter	Nominal pressure	Type
700	L EPDM	32-300 mm	C 16 bar	ends - galvanized carbon steel, body - EPDM 00
		350-600 mm	B 10 bar	ends - galvanized carbon steel, body - EPDM 00

ORDERING

Figure	Body material	Nominal diameter	Nominal pressure	Type
700	L EPDM	350-600 mm	B 10 bar	ends - galvanized carbon steel, body - EPDM 00

Order example acc. index

700 L 350 B 00

Rubber expansion joint, ends flanged, form straight

EPDM

Nominal diameter (mm)

Nominal pressure PN 10

Ends - galvanized carbon steel, body - EPDM

700 L 350 B 00

700 L 350 B 00

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www.zetkama.com