



SPECIFICATION

- Air conditioning, hot and cold water, sewage, treatment, oil, gas.
- Maximum working pressure: 16 bar
- Size : DN40-DN1000
- Flanges drilled is according to EN 1092-1

MATERIAL:

No.	Parts name	Materials
1	Reinforced wire	Steel wire strand
2	Bellow	Stainless steel
3	Control rod	Carbon steel
4	Flange	Carbon steel/ Stainless steel 304/ Stainless steel 316

DIMENSIONS:

DN (mm)	Qty. ripple	Qty. ripple					Effective area of bellow (cm ²)	Max. external diameter (mm)	L (mm)
		0.25	0.6	1	1.6	2.5			
		N/mm	N/mm	Axial compensation	Length (mm)	Toughness (N/mm)			
40	8	25/28	22/44	20/44	18/89	15/98	23	244	164/259
40	16	50/14	46/22	41/22	36/45	31/47	23	244	230/304
50	8	25/30	22/51	20/70	18/70	15/106	37	259	172/276
50	16	50/16	46/26	41/35	36/35	31/55	37	259	240/342
65	8	33/28	30/35	26/44	22/55	15/138	55	270	215/294
65	12	42/16	38/22	38/32	34/40	31/70	55	270	260/334
80	8	40/20	36/26	34/33	28/41	19/68	81	284	240/338
80	10	53/14	49/17	49/21	43/26	29/50	81	284	270/368
100	6	45/47	45/60	40/75	35/93	25/54	121	304	235/317
100	10	76/26	74/32	64/40	57/50	38/33	121	304	305/381
125	5	48/38	42/47	38/59	34/74	29/117	180	334	282/314
125	9	85/23	77/29	66/36	58/45	49/63	180	334	382/386
150	5	49/42	44/50	40/62	34/78	29/92	257	364	282/339
150	8	79/34	71/43	64/51	54/59	50/56	257	364	256/399
200	4	52/49	46/55	42/68	38/78	29/97	479	442	280/348
200	6	73/31	65/44	59/52	53/58	46/65	479	442	340/402
250	4	72/30	65/34	59/42	52/45	34/111	769	507	315/379
250	6	108/16	97/21	87/35	79/39	48/78	769	507	393/459
300	4	72/51	65/55	59/59	52/65	47/55	1105	562	366/427
300	6	108/32	97/35	87/37	79/41	71/47	1105	562	464/525
350	4	72/58	65/62	59/67	52/74	47/71	1307	622	397/452
350	6	108/38	97/41	87/44	79/48	71/45	1307	622	509/564
400	4	72/54	65/58	59/62	52/68	47/81	1611	700	412/478
400	6	108/36	97/39	87/43	79/47	71/47	1611	700	522/588
450	4	108/32	97/35	87/37	79/41	47/75	1972	760	403/498
450	6	162/20	145/22	131/23	118/25	71/52	1972	760	503/658
500	4	108/59	97/64	87/68	79/75	71/45	2445	835	431/523
500	6	162/34	145/37	131/39	118/43	106/28	2445	835	531/665

* Bigger size available upon request

Subject to change without prior notice.