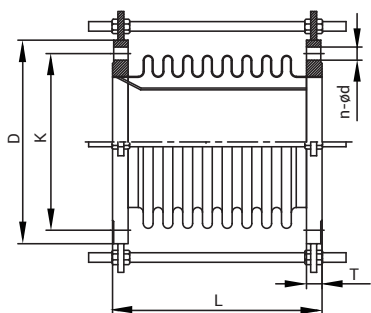


FLANGE RIPPLE COMPENSATOR

■ Fig.GF900



CHARACTERISTIC

- This flange type corrugated compensator can expand and contract axially within a certain range, and can also overcome the caused by different axes of pipeline joints at a certain angle.
- It can greatly facilitate the installation and disassembly of valve pipelines, and can freely expand and contract within the expansion range of the pipeline.

TECHNICAL SPECIFICATION

Testing Standard	BS EN12266, GB/T13927
Size	DN32 ~ DN700
Working Pressure	PN16
Suitable Medium	Water, Concentration ≤ 50% Ethylene Glycol Solution
Working Temperature	-20°C ~ 120°C

MAIN MATERIALS

No.	Part	Material	Specification
1	Flange	Carbon Steel	--
2	Bellows	Stainless Steel	--
3	Sleeve	Stainless Steel	--
4	Shipping Rod	Carbon Steel	--

DIMENSION

DN	INCH	D mm	K mm	φD mm	n mm	T mm	L mm	Axial Movement mm
50	2"	φ305	φ267	φ102	51	49	178	45
65	2½"	φ305	φ267	φ102	51	49	191	45
80	3"	φ305	φ267	φ102	51	49	203	45
100	4"	φ305	φ267	φ102	51	49	229	45
125	5"	φ305	φ267	φ102	51	49	254	45
150	6"	φ305	φ267	φ102	51	49	267	45
200	8"	φ305	φ267	φ102	51	49	292	45
250	10"	φ305	φ267	φ102	51	49	330	45
300	12"	φ305	φ267	φ102	51	49	356	45

FLANGE RIPPLE COMPENSATOR

■ Fig.GF900

AXIAL COMPENSATION CAPACITY

DN	Convolutions No.	Compensating Amount of the X Axial, mm/Kx Axial Rigidity N/mm	Effective Area cm ²
32	12	7.7/126	10
40	10	7.9/104	16
50	10	10.8/125	29
65	10	14/145	60
80	4	7/707	64
80	8	15/353	64
100	4	9.3/786	138
100	8	18.6/393	138
125	4	9/959	195
125	8	18/479	195
150	4	9.8/1003	268
150	8	20/501	268
200	4	16/1385	493
200	8	32/692	493
250	4	16/2108	765
250	8	31/1054	765
300	4	17/2282	1049
300	8	33/1141	1049
350	4	17/2424	1369
350	8	34/1212	1369
400	4	K 17/2697	1709
400	8	K 35/1348	1709
450	4	K 28/1510	2132
450	8	K 76/755	2132
500	4	K 30/1864	2578
500	8	K 59/932	2578
600	4	K 37/1384	3567
600	8	K 75/592	3567
700	4	K 47/1089	4579
700	6	K 71/732	4579