

Strainers & Pipe Fittings

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- Y Strainers
- ST Strainers
- Flange Adaptors
- Couplings
- Dismantling Joints
- Pipe Repair Clamp
- Expansion Joints



安徽方兴实业股份有限公司
ANHUI FANGXING INDUSTRIAL CO., LTD.

BRIEF INTRODUCTION

Anhui Fangxing Industrial Co., Ltd, with over 20 years of valve manufacturing history since 1994, is a professional enterprise specialized in R&D, manufacturing and sales of valves and pipe-fittings, covering an area of more than 100,000 square meters with 88 million yuan of registered capital. Under the company are five subsidiaries including Fangxing International Trade Co., Fangxing Casting Co., Yongxing Casting Co., Zhenqing Logistics Co. etc., and it possesses two self-owned brands named "GVP" and "Fangxing", with more than 200 employees. In addition, our company has set up the provincial technology R&D center and equipped with precise production, machining and testing equipments, with annual output of 200,000 valves and 10,000 tons of castings, which ensures Fangxing as the leading manufacturing enterprise of water supply valves in China, as well as Anhui key production and export enterprise of mechanical and electrical products.

Fangxing owns the manufacturing license qualification of pressure pipeline equipment, and is the licensed enterprise to manufacture national water-saving and water sanitation security products. We strictly execute the international 6S on-site management system and quality control system, and participated to formulate Chinese national standard "resilient seated gate valve for water supply system", successively passed ISO9001 quality management system certification, ISO14001 Environment Management System Certification, OHSAS18001 Occupational Health Management System Certification, and our main products passed CE European Conformity Certification, Britain WRAS Water Regulations Advisory Scheme, French ACS Sanitation Conformity Certification, Russian GOST National Quality System Certification as well as EN1074 Type Approval Certification.

We provide high quality valves and pipe fittings to the water industrial systems of the world based on the international standard and first-class quality.



PRODUCTION AND EQUIPMENT

Quality is the life of the enterprise, the company carries forward the enterprise culture and implements quality guarantee system internally, and transmits enterprise spirit and establishes brand conception externally, to ensure product quality, our company has been equipped with first class production and inspection equipment.



COMPANY QUALIFICATION

Honor originates from devotion , every recognized certificate concentrates struggling efforts of FANGXING personnel , and every honor is our golden card and passport ,they are our road signs and our experiences..

WE ARE

- Member of China Valves Association
- Anhui Famous Brand
- "Class AA company" of Chinese Customs
- High-tech Enterprise
- Accredited Technical Center

WE ARE APPROVED BY

- ISO9001
- ISO14001
- OHSAS 18001
- CE
- EN1074
- WRAS
- ACS
- GOST



WRAS **CE**



TEST & INSPECTION FACILITIES



01



02



03



04



05



06



07



08



09



10

Y STRAINERS

DN50-DN400, 1.5"-12"



PARTS LIST

No.	Part Name	Material
1	Body	Ductile iron
2	Cover	Ductile iron
3	Gasket	NBR/EPDM
4	Plug	Galvanized steel
5	Screen	SS304
6	Bolts	Galvanized steel

APPLICATION STANDARDS

- Face to face: according to DIN3202-F1, Bs2080
- Flange drilling: according to EN1092 PN10-16, ASME B 16.1-16.5
- Size scope: DN50-DN400, 1.5"-12"
- Working temperature : 0-80℃

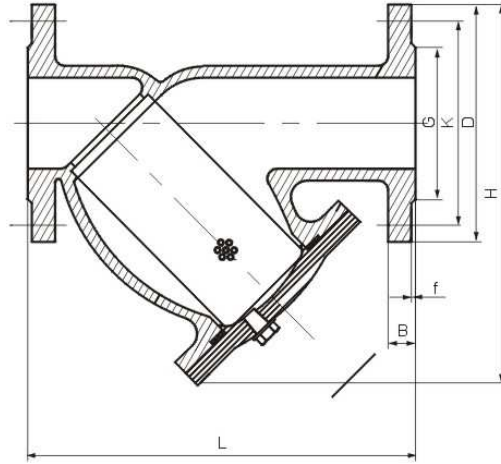
- Working pressure: PN10-16, Class 125-150
- Suitable medium : Water
- Coating: Epoxy coating with thickness $\geq 250\mu\text{m}$ or painting with thickness $\geq 80\mu\text{m}$

DIMENSIONS

DIN

DN	L	H	D	K		G		f	B	n-d	
				PN10	PN16	PN10	PN16			PN10	PN16
50	230	211	165	125		99		3	19	4-19	4-19
65	290	247.5	185	145		118		3	19	4-19	4-19
80	310	281	200	160		132		3	19	8-19	8-19
100	350	315	220	180		156		3	19	8-19	8-19
125	400	366	250	210		184		3	19	8-19	8-19
150	480	427	285	240		211		3	19	8-23	8-23
200	600	526	340	295		266		3	20	8-23	12-23
250	730	619	405	350	355	319		3	22	12-23	12-28
300	850	749	460	400	410	370	370	4	24.5	12-23	12-28

Y STRAINERS



DIMENSIONS

ANSI

DN	L	H	D	B		f		K	G		n-d
				125	150	120	150		125	150	
50	225	211	152	15.9	14.3		2	120.5		92	4-19
65	273	247.5	178	17.5	15.9		2	139.5		105	4-19
80	292	281	191	19.1	17.5		2	152.5		127	4-19
100	352	315	229	23.9	22.3		2	190.5		157	8-19
125	420	366	254	23.9	22.3		2	216.5		186	8-22
150	470	427	279	25.4	23.9		2	214.5		216	8-22
200	543	526	343	28.6	27		2	298.5		270	8-22
250	660	619	406	30.2	28.6		2	362		324	12-25
300	760	749	483	31.8	30.2		3	432		381	12-25

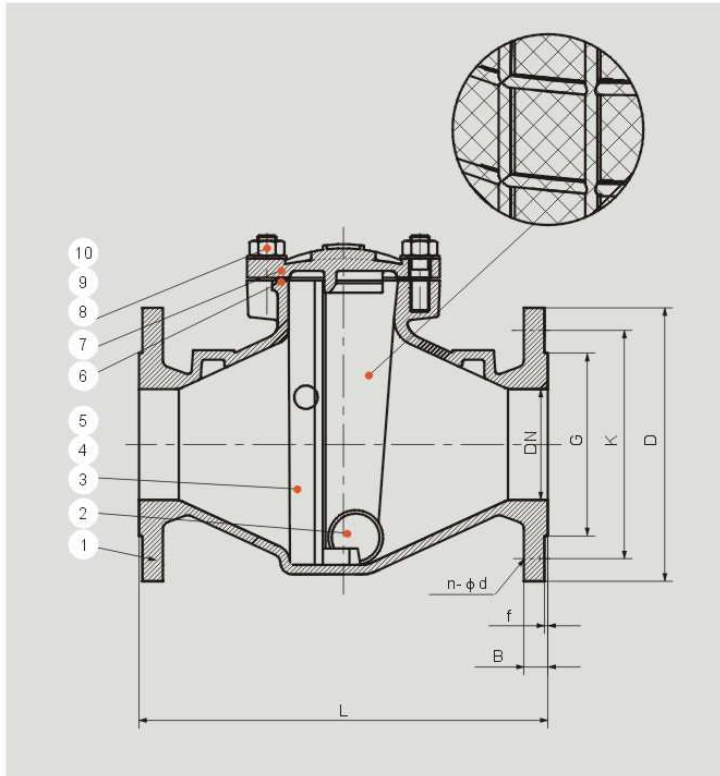
DIMENSIONS

BS

Size	L	H	D	K		G		f	B	n-d	
				PN10	PN16	PN10	PN16			PN10	PN16
2"	220	211	165	125		99		3	19	4-19	4-19
2.5"	270	247.5	185	145		118		3	19	4-19	4-19
3"	290	281	200	160		132		3	19	8-19	8-19
4"	350	315	220	180		156		3	19	8-19	8-19
5"	390	366	250	210		184		3	19	8-19	8-19
6"	440	427	285	240		211		3	19	8-23	8-23
8"	540	526	340	295		266		3	20	8-23	12-23
10"	660	619	405	350	355	319		3	22	12-23	12-28
12"	720	749	460	400	410	370	370	4	24.5	12-23	12-28

ST STRAINERS

DN50-DN600



PARTS LIST

No.	Part Name	Material
1	Body	Ductile iron
2	Bolts	A3 Galvanized Steel
3	Support	Ductile iron
4	Mesh	SS304
5	Plastic cable tie	Plastic
6	Gasket	EPDM
7	Cover	Ductile iron
8	Double end studs	Ss304
9	Washer	Stainless steel
10	Nuts	SS316

APPLICATION STANDARDS

- Flange drilling: according to EN1092 PN10-16
- Size scope: DN50-DN600
- Working temperature : 0-80℃

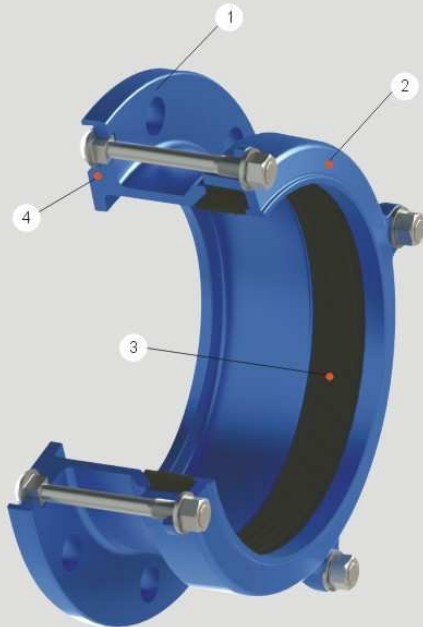
- Working pressure: PN10-16
- Suitable medium: Water
- Coating: Epoxy coating with thickness $\geq 250\mu\text{m}$

DIMENSIONS

Size		L	D		K		G		f	n-φ d		B	
Size	DN		PN10	PN16	PN10	PN16	PN10	PN16		PN10	PN16	PN10	PN16
2"	DN50	230		165		125		99	3	4-φ 19		19	
2.5"	DN65	230		185		145		118	3	4-φ 19		19	
3"	DN80	300		200		160		132	3	8-φ 19		19	
4"	DN100	300		220		180		156	3	8-φ 19		19	
5"	DN125	402		250		210		184	3	8-φ 19		19	
6"	DN150	400		285		240		211	3	8-φ 23		19	
8"	DN200	504		340		295		266	3	8-φ 23	12-φ 23	20	
10"	DN250	580	395	405	350	355		319	3	12-φ 23	12-φ 28	22	
12"	DN300	610	445	460	400	410		370	4	12-φ 23	12-φ 28	24.5	
16"	DN400	800	565	580	515	525		480	4	16-φ 28	16-φ 31	24.5	28
20"	DN500	950	670	715	620	650	582	609	4	20-φ 28	20-φ 34	26.5	31.5
24"	DN600	1100	780	840	725	770	682	720	5	20-φ 31	20-φ 37	30	36

FLANGE ADAPTORS

DN40-DN600



PARTS LIST

No.	Part Name	Material
1	Body	Ductile iron
2	Gland	Ductile iron
3	Gasket	EPDM
4	Bolt	Galvanized carbon steel

APPLICATION STANDARDS

- Design standard: GB/T12465-2007
- Flange drilling: according to EN1092 PN10-16
- Size scope: DN40-DN600
- Working temperature : 0-80℃
- Working pressure: PN10-16
- Suitable medium: Water
- Coating: Epoxy coating with thickness $\geq 250\mu\text{m}$

DIMENSIONS

Pipe Dimensions		Coupling Dimensions									
Pipe	Flange Size	D	T	B	No.	Hole	PCDK	No.	Studs		
									D1a	Igth	
48-58	40	φ150	18	67	4	19	110	2	M12	140	
60-72	50	φ165	18	67	4	19	125	2	M12	140	
75-84	65	φ185	18	67	4	19	145	2	M12	140	
88-102	80	φ200	19	67	8	19	160	4	M12	140	
108-124	100	φ220	19	67	8	19	180	4	M12	140	
108-128	100	φ220	19	67	8	19	180	4	M12	140	
125-140	125	φ250	19	67	8	19	210	4	M12	140	
132-154	125	φ250	19	67	8	19	210	4	M12	140	
159-175	150	φ285	19	67	8	23	240	4	M12	140	
159-182	150	φ285	19	67	8	23	240	4	M12	140	
176-188	150	φ285	19	67	8	23	240	4	M12	140	
184-198	175	φ315	19	74.5	8	23	270	4	M12	150	
192-209	175	φ315	19	74.5	8	23	270	4	M12	150	
219-234	200	φ340	20	74.5	12	23	29.5	4	M12	150	

Pipe Dimensions		Coupling Dimensions									
Pipe	Flange Size	D	T	B	No.	Hole	PCDK	No.	Studs		
									D1a	Igth	
234-255	200	φ340	20	74.5	12	23	295	4	M12	150	
242-262	225	φ370	20	89.5	12	28	325	4	M12	165	
265-280	250	φ400	22	89.5	12	28	355	6	M12	165	
271-289	250	φ400	22	89.5	12	28	355	6	M12	165	
284-297	250	φ400	22	89.5	12	28	355	6	M12	165	
315-331	300	φ455	24.5	89.5	12	28	410	6	M12	165	
322-340	300	φ455	24.5	89.5	12	28	410	6	M12	165	
335-348	300	φ455	24.5	89.5	12	28	410	6	M12	165	
374-391	350	φ520	26.5	97	16	28	470	8	M12	165	
417-437	400	φ580	28	97	16	31	525	8	M12	165	
480-480	450	φ640	30	97	20	31	585	10	M12	165	
526-546	500	φ715	31.5	97	20	34	650	10	M14	165	
630-650	600	φ840	35	97	20	37	770	10	M14	165	

COUPLINGS

DN50-DN300



PARTS LIST

No.	Part Name	Material
1	Body	Ductile iron
2	Studbolt	Q235A
3	End Flange	Ductile iron
4	Gasket	NBR/EPDM

APPLICATION STANDARDS

- Design standard: GB/T12464-2007
- Size scope: DN50-DN300
- Working temperature : NBR 0-70℃, EPDM 0-80℃
- Working pressure: PN10-16
- Suitable medium: Water
- Coating: Epoxy coating with thickness $\geq 250\mu\text{m}$

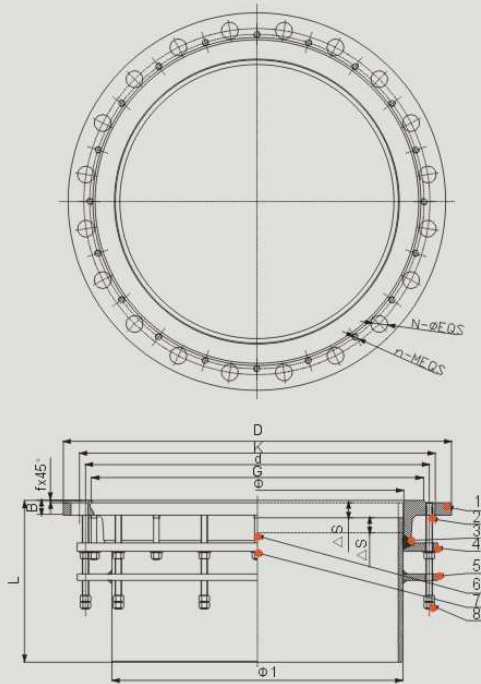
DIMENSIONS

Pipe Dimensions		Coupling Dimensions										
Pipe	Flange Size	PN	D	T	A	B	No.	Bolts Size	Hole	PCDK	Studs	
											No.	Dla × Igth
66	50	10/16	φ 165	18	112	67	4	M16	19	125	2	M12 × 100
87	65	10/16	φ 185	18	112	67	4	M16	19	145	2	M12 × 100
98	80	10/16	φ 200	19	112	67	8	M16	19	160	4	M12 × 100
118	100	10/16	φ 220	19	112	67	8	M16	19	180	4	M12 × 105
144	125	10/16	φ 250	19	120	67	8	M16	19	210	4	M12 × 105
170	150	10/16	φ 285	19	120	67	8	M20	23	240	4	M12 × 105
222	200	10	φ 340	20	120	75	8	M20	23	295	4	M12 × 115
		16	φ 340	20	120	75	12	M20	23	295	4	M12 × 115
274	250	10	φ 395	22	140	90	12	M20	23	350	6	M12 × 135
		16	φ 400	22	140	90	12	M24	28	355	6	M12 × 135
326	300	10	φ 445	24.5	140	90	12	M20	23	400	6	M12 × 135
		16	φ 455	24.5	140	90	12	M24	28	410	6	M12 × 135

DISMANTLING JOINTS

BF

DN50-DN1200



APPLICATION STANDARDS

- ◎ Design standard: GB/T12465-2007
- ◎ Face to face: according to GB/T12465-2007
- ◎ Flange: drilling is according to EN1092 PN10-16
- ◎ Size scope: DN50-DN1200
- ◎ Working temperature : NBR 0-70℃, EPDM 0-80℃
- ◎ Working pressure: PN10-16
- ◎ Suitable medium: Water
- ◎ Coating: Epoxy coating with thickness $\geq 250\mu\text{m}$

PARTS LIST

No.	Name	Material
1	Body	Ductile iron
2	Positioning screw	Galvanized steel
3	Seal ring	NBR/EPDM
4	Gland	Ductile iron
5	Limit expansion pipe	Q235
6	Double-headed stud	Galvanized steel
7	washer	Galvanized steel
8	Bolts	Galvanized steel

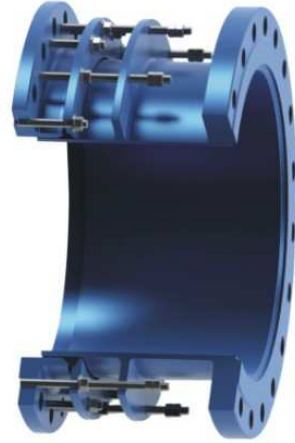
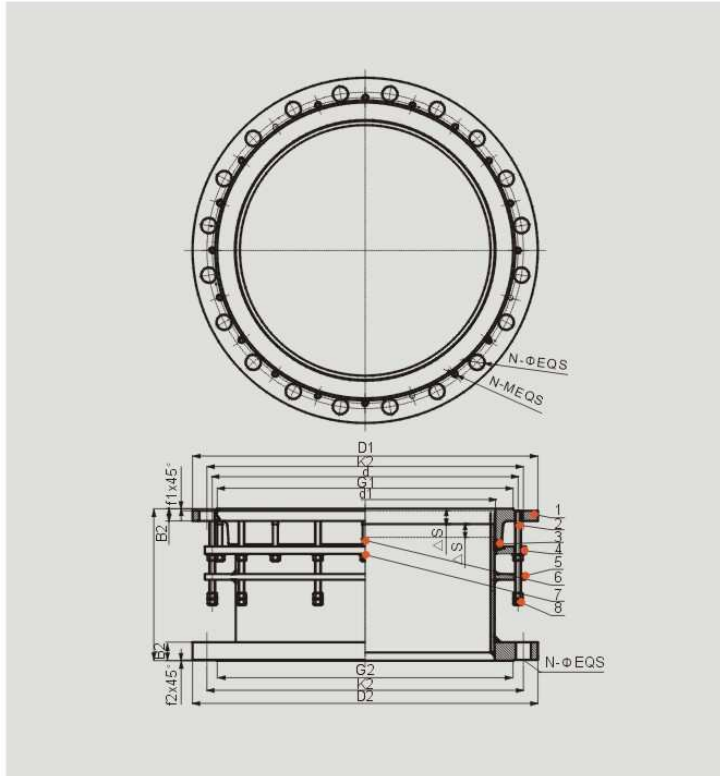
DIMENSIONS

DN	D	K	G	f	B	d	Φ	Φ1	N-Φ	n-m	L	ΔS
600	840	725	682	5	32	744	630	630	20-Φ31	20-M14	350	32.5
700	895	840	794	5	32.5	810	720	720	24-Φ31	24-M14	350	32.5
800	1015	950	901	5	35	920	820	820	24-Φ34	24-M16	590	65
900	1115	1050	1001	5	37.5	1020	920	920	28-Φ34	28-M16	590	65
1000	1230	1160	1112	5	40	1132	1020	1020	28-Φ37	28-M18	590	65
1200	1455	1380	1328	5	45	1348	1220	1220	32-Φ40	32-M18	590	65

DISMANTLING JOINTS

B2F

DN50-DN1200



APPLICATION STANDARDS

- ◎ Design standard: GB/T12465-2007
- ◎ Face to face: according to GB/T12465-2007
- ◎ Flange: drilling is according to EN1092 PN10-16
- ◎ Size scope: DN50-DN1200
- ◎ Working temperature : NBR 0-70℃, EPDM 0-80℃
- ◎ Working pressure: PN10-16
- ◎ Suitable medium: Water
- ◎ Coating: Epoxy coating with thickness $\geq 250\mu\text{m}$

PARTS LIST

No.	Name	Material
1	Body	Ductile iron
2	Positioning screw	Galvanized steel
3	Seal ring	NBR/EPDM
4	Gland	Ductile iron
5	Limit expansion pipe	Q235
6	Double-headed stud	Galvanized steel
7	washer	Galvanized steel
8	Bolts	Galvanized steel

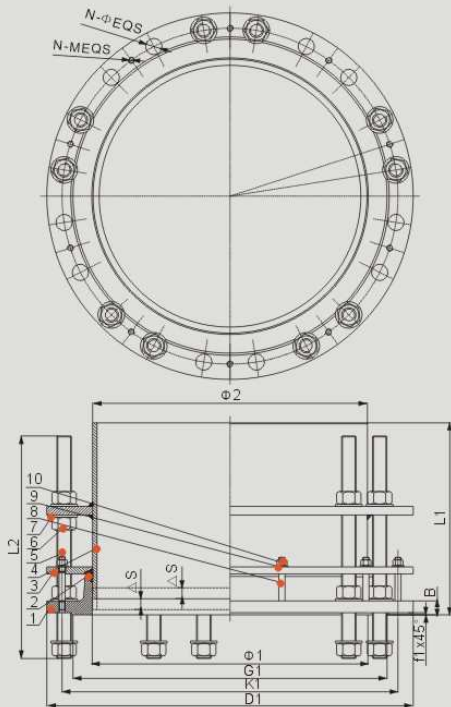
DIMENSIONS

DN	D1	K1	G1	f1	B1	d	d1	D2	K2	G2	f2	B2	N-Φ	n-m	L	△S
600	840	725	682	5	30	744	634	780	725	682	5	34	20-32	20-M14	370	32.5
700	895	840	794	5	32.5	810	724	895	840	794	5	34	24-32	24-M14	370	32.5
800	1015	950	901	5	35	920	824	1015	950	901	5	36	24-32	24-M16	600	65
900	1115	1050	1001	5	37.5	1020	926	1115	1050	1001	5	38	28-32	28-M16	600	65
1000	1230	1160	1112	5	40	1132	1026	1230	1160	1112	5	38	28-32	28-M16	600	65
1200	1455	1380	1328	5	45	1348	1225	1455	1380	1328	5	44	32-40	32-M18	600	65

DISMANTLING JOINTS

CF

DN50-DN1200



APPLICATION STANDARDS

- ☉ Design standard: GB/T12465-2007
- ☉ Face to face: according to GB/T12465-2007
- ☉ Flange: drilling is according to EN1092 PN10-16
- ☉ Size scope: DN50-DN1200
- ☉ Working temperature : NBR 0-70℃, EPDM 0-80℃
- ☉ Working pressure: PN10-16
- ☉ Suitable medium: Water
- ☉ Coating: Epoxy coating with thickness $\geq 250\mu\text{m}$

PARTS LIST

No.	Part Name	Material
1	Body	Ductile Iron
2	Sealing ring	NBR/EPDM
3	Gland	Ductile Iron
4	Short tube flange	Ductile Iron
5	Dowel screw	Galvanized carbon steel

No.	Part Name	Material
6	Bolts	Galvanized carbon steel
7	Washer	Galvanized carbon steel
8	Double end stud	Galvanized carbon steel
9	Washer	Galvanized carbon steel
10	Bolts	Galvanized carbon steel

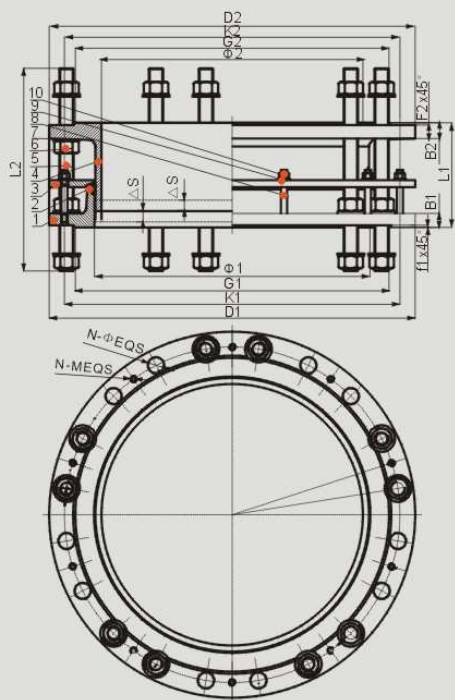
DIMENSIONS

DN	D1	K1	G1	f1	B1	Φ1	Φ2	n-Φ	N-M	L1	L2	ΔS
300	460	400	370	4	24.5	328	300	12-Φ23	6-M12	200	375	25
400	580	515	480	4	28	432	400	16-Φ28	8-M12	220	385	25
500	715	620	582	4	31.5	532	500	20-Φ28	10-M14	220	395	25
600	840	725	682	5	36	632	600	20-Φ31	10-M14	240	465	25
700	895	840	794	5	32.5	727	700	24-Φ31	12-M14	240	420	25
800	1015	950	901	5	35	827	800	24-Φ34	12-M16	350	540	30
900	1115	1050	1000	5	37.5	926	900	28-Φ34	14-M16	350	550	30
1000	1230	1160	1112	5	40	1026	1000	28-Φ37	14-M18	350	560	30
1200	1455	1380	1328	5	45	1225	1200	32-Φ40	16-M18	370	600	30

DISMANTLING JOINTS

C2F

DN50-DN1200



APPLICATION STANDARDS

- ☉ Design standard: GB/T12465-2007
- ☉ Face to face: according to GB/T12465-2007
- ☉ Flange: drilling is according to EN1092 PN10-16
- ☉ Size scope: DN50-DN1200
- ☉ Working temperature : NBR 0-70℃, EPDM 0-80℃
- ☉ Working pressure: PN10-16
- ☉ Suitable medium: Water
- ☉ Coating: Epoxy coating with thickness $\geq 250\mu\text{m}$

PARTS LIST

No.	Part Name	Material
1	Body	GJS450-10
2	Seal ring	NBR/EPDM
3	Cover	GJS450-10
4	Short flange	GJS450-10/caron steel
5	Power screw	Galvanized carbon steel

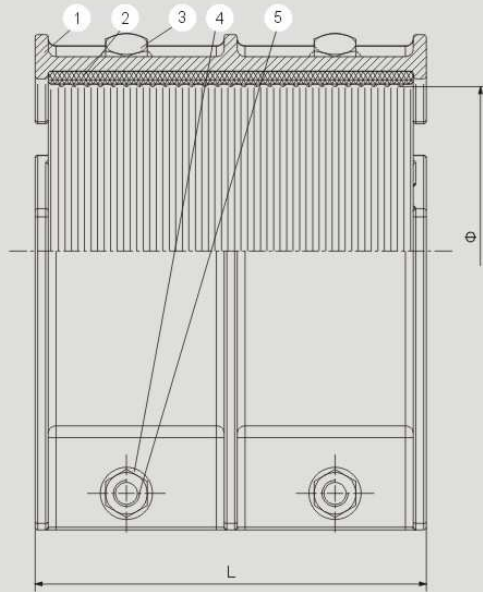
No.	Part Name	Material
6	Nut	Galvanized carbon steel
7	Washer	Galvanized carbon steel
8	Stud	Galvanized carbon steel
9	Washer	Galvanized carbon steel
10	Nut	Galvanized carbon steel

DIMENSIONS

DN	D1	K1	G1	f1	B1	1	2	D1	K2	G2	f2	B2	n-Φ	N-M	L1	L2	△S
300	460	400	370	4	24.5	328	300	460	400	37	4	24.5	12-Φ23	6-M12	200	375	25
400	580	515	480	4	28	432	400	580	515	480	4	28	16-Φ28	8-M12	220	385	25
500	715	620	582	4	31.5	532	500	715	620	582	4	31.5	20-Φ28	10-M14	220	395	25
600	840	725	682	5	36	632	600	840	725	682	5	36	20-Φ31	10-M14	240	465	25
700	895	840	794	5	32.5	727	700	895	840	794	5	32.5	24-Φ31	12-M14	240	420	25
800	1015	950	901	5	35	827	800	1015	950	901	5	35	24-Φ34	12-M16	350	540	30
900	1115	1050	1001	5	37.5	926	900	1115	1050	1001	5	38	28-Φ34	14-M16	350	550	30
1000	1230	1160	1112	5	40	1026	1000	1230	1160	1112	5	38	28-Φ37	14-M18	350	560	30
1200	1455	1380	1328	5	45	1225	1000	1455	1380	1328	5	44	32-Φ40	16-M18	370	600	30

PIPE REPAIR

DN50-DN400



APPLICATION STANDARDS

- ⊗ Size scope: DN50-DN400
- ⊗ Working temperature : NBR 0-70℃ , EPDM 0-80℃
- ⊗ Working pressure: PN10-16
- ⊗ Suitable medium: Water
- ⊗ Coating: Epoxy coating with thickness $\geq 250\mu\text{m}$

PARTS LIST

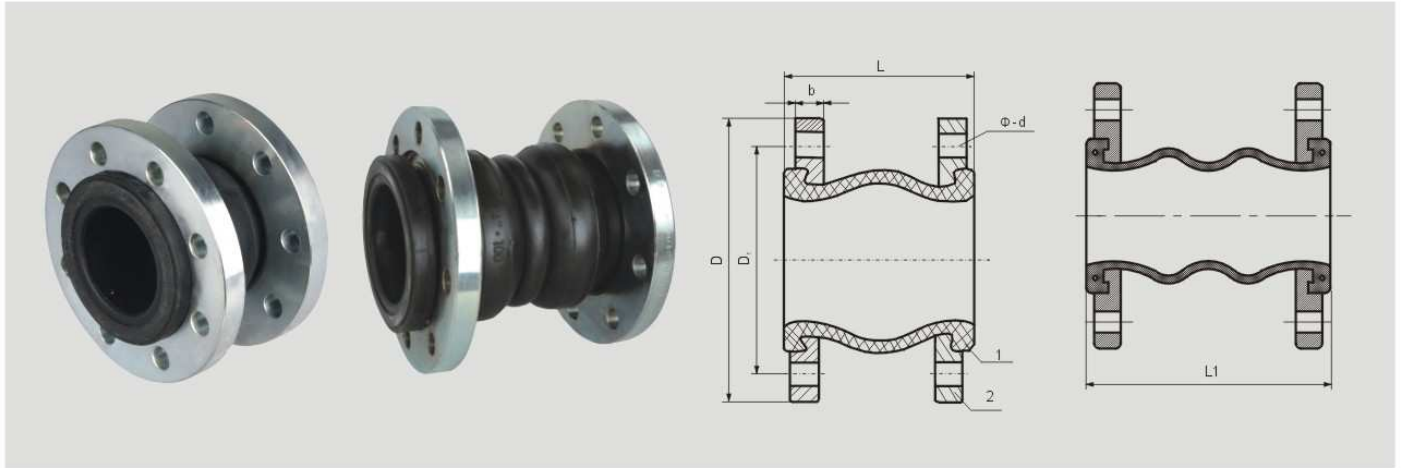
No.	Part Name	Material
1	Body	Ductile Iron
2	Sealing Ring	NBR/EPDM
3	Bolt	Galvanized Carbon Steel
4	Gasket	Galvanized Carbon Steel
5	Nut	Galvanized Carbon Steel

DIMENSIONS

DN	L	Φ	DN	L	Φ
50	150	75	200	250	242
80		106	250	350	290
100		126	300	420	345
125	180	160	350		390
150	250	186	400		460

FLANGE RUBBER EXPANSION JOINTS

DN50-DN600



APPLICATION STANDARDS

- ◎ Flange drilling: according to EN1092 PN10-16, ASME B 16.1-16.5
- ◎ Size scope: DN50-DN600
- ◎ Working temperature : NBR 0-70℃, EPDM 0-80℃
- ◎ Working pressure: PN10-16, Class 125-150
- ◎ Suitable medium: Water

PARTS LIST

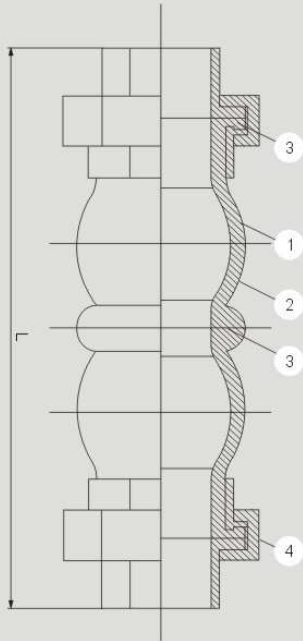
No.	Part Name	Material
1	Body	EPDM、NBR
2	Flange	Carbon steel

DIMENSIONS

DN	D	D1	B	Φ-n	L	L1
50	165	125	18	18-4	105	175
65	185	145	18	18-4	115	175
80	200	160	20	18-8	135	175
100	220	180	20	18-8	150	225
125	250	210	22	18-8	165	225
150	285	240	22	22-8	180	225
200	340	295	24	22-8	210	325
250	395	350	26	22-12	230	325
300	445	400	26	22-12	245	325
350	505	460	28	22-16	255	350
400	565	515	32	26-16	255	400
450	615	565	38	26-20	255	400
500	670	620	38	26-20	255	400
600	780	725	38	30-20	260	400

SCREW RUBBER EXPANSION JOINTS

DN20-DN80



APPLICATION STANDARDS

- ⊗ Design standard: EN1171
- ⊗ Connection: according to G or NPT
- ⊗ Size scope: DN20-DN80
- ⊗ Working temperature : NBR 0-70℃ , EPDM 0-80℃
- ⊗ Working pressure: PN10-16, Class 125-150
- ⊗ Suitable medium: Water

PARTS LIST

No.	Part Name	Material
1	Body	EPDM/NBR
2	Key frame	Nylon card fabric
3	Pressurized ring	Steel wire
4	Thread	Cast iron

DIMENSIONS

DN	SIZE		Length (mm)
		inch	
20		3/4	200
25		1	200
32		1 1/4	200
40		1 1/2	200
50		2	200
65		2 1/2	265
80		3	265

CAST IRON & DUCTILE IRON PIPE FITTINGS

Connectors



Flanged Spigot



Saddle Shape Pipe Clip



Ex Bend



Flanged Bend



Socket Bend



QU Flanged Radial Tee



Clip



Flat Tee



FLANGE RUBBER EXPANSION JOINTS

Socket & Spigot Tee With Mid Flanged



Flanged Cross Coupling



Cross



Express Joint



Socket & Insert Bend



EX Spigot



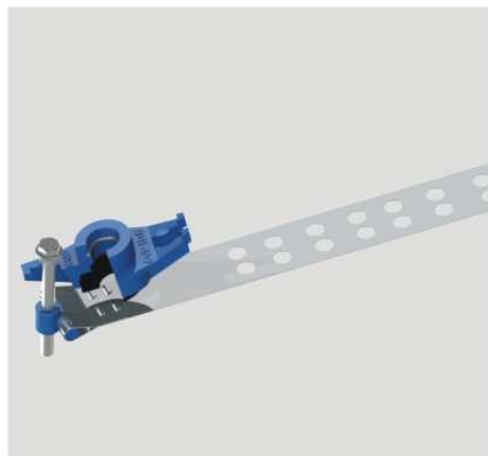
All Flanged Tee With Loose Flange Type



Straight pipe



Multi-diameter Collar



FLANGES SERIES

Reducing Flanges



Blind Flanges(RF)



Socket slip on Flanges(RF)



Slip on Flanges(RF)



Lap Joint Flanges



Welding Neck Flanges(MF/FM)



ANSI Slip On Flanges



Sight Glass Flanges



Slip On Flanges



Welding Neck Flanges



Slip On Welding Neck Flanges



ANSI Welding Neck Flanges



FLANGES SERIES

Blind Flanges



Big Size Pipe Plate



ANSI High Pressure Flanges



Reducing Flanges



Flat Flanges



Slip On Flanges



Welding Neck Flanges



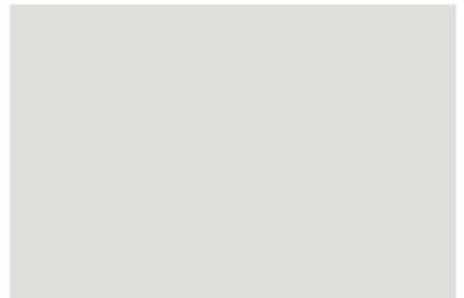
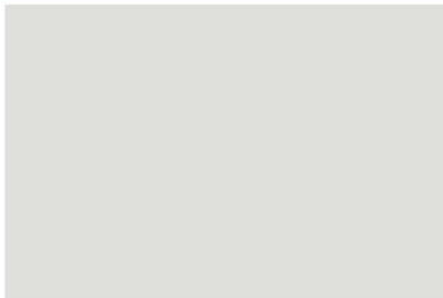
Slip On Welding Neck Flanges



Socket Welding Flanges



Threaded Flanges



Providing the high quality environmental valves, improving the quality of human life.



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