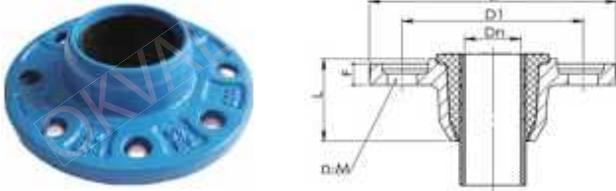


Fig.OKVAL109

Materials and Features

- Ductile iron GGG50 material with FBE coated
- EPDM Gasket+ Brass Seal Ring
- PN10, PN16 working pressure
- Flange drilling ISO PN10/16
- Angular deflection +/- 6°



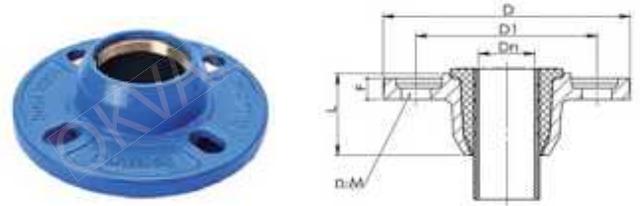
Dimensions (mm)

DN	Pipe O.D	Length		W.T	Flange Drilling					
		L	F		PN10			PN16		
40	40	50	18	150	110	4x19	150	110	4x19	
40	50	50	18	150	110	4x19	150	110	4x19	
50	50	50	20	165	125	4x19	165	125	4x19	
50	63	50	20	165	125	4x19	165	125	4x19	
60/65	63	50	20	185	135/145	4x19	185	135/145	4x19	
60/65	75	55	20	185	135/145	4x19	185	135/145	4x19	
80	90	61	20	200	160	8x19	200	160	8x19	
100	110	67	20	220	180	8x19	220	180	8x19	
125	125	70	20	250	210	8x19	250	210	8x19	
150	160	80	21	285	240	8x23	285	240	8x23	
200	200	90	21	340	295	8x23	340	295	12x23	
200	225	90	21	340	295	8x23	340	295	12x23	
250	250	95	23	400	350	12x23	400	355	12x28	
300	315	110	26	455	400	12x23	455	400	12x28	
400	400	130	27	565	515	16x28	580	525	16x31	

Fig.OKVAL109

Materials and Features

- Ductile iron GGG50 material with FBE coated
- EPDM Gasket+ Brass Seal Ring
- PN10, PN16 working pressure
- Flange drilling ISO PN10/16
- Angular deflection +/- 6°



Dimensions (mm)

DN	Pipe O.D	Length		W.T	Flange Drilling					
		L	F		PN10			PN16		
40	40	50	18	150	110	4x19	150	110	4x19	
40	50	50	18	150	110	4x19	150	110	4x19	
50	50	50	20	165	125	4x19	165	125	4x19	
50	63	50	20	165	125	4x19	165	125	4x19	
60/65	63	50	20	185	135/145	4x19	185	135/145	4x19	
60/65	75	55	20	185	135/145	4x19	185	135/145	4x19	
80	90	61	20	200	160	8x19	200	160	8x19	
100	110	67	20	220	180	8x19	220	180	8x19	
125	125	70	20	250	210	8x19	250	210	8x19	
150	160	80	21	285	240	8x23	285	240	8x23	
200	200	90	21	340	295	8x23	340	295	12x23	
200	225	90	21	340	295	8x23	340	295	12x23	
250	250	95	23	400	350	12x23	400	355	12x28	
300	315	110	26	455	400	12x23	455	400	12x28	
400	400	130	27	565	515	16x28	580	525	16x31	

Fig.OKVAL110

Main Parts and Materials

- Ductile iron material with FBE coated
- Galvanized steel bolts, nuts

Gasket

- EPDM Gasket

Features

- Epoxy coating min. 250 microns.
- Working pressure PN10, PN16.



Dimensions (MM)

DE	Outlet Inch	Length mm	Width mm	DE	Outlet Inch	Length mm	Width mm	DE	Outlet Inch	Length mm	Width mm
50	3/4"	88	100	110	3/4"	170	120	180	3/4"	250	140
	1"				1-1/4"				1-1/2"		
	1-1/4"				1-1/2"				2"		
	2"				3/4"				3/4"		
63	1"	124	100	125	1-1/4"	192	120	200	1-1/4"	280	140
	1-1/4"				1-1/2"				2"		
	1-1/2"				2"				3/4"		
	2"				1"				1"		
75	1-1/4"	135	110	140	1-1/4"	208	120	250	1-1/4"	330	180
	1-1/2"				1-1/2"				2"		
	2"				3/4"				3/4"		
	3/4"				1"				1"		
90	1-1/4"	150	110	160	1-1/4"	230	120	315	1-1/4"	400	180
	1-1/2"				1-1/2"				2"		
	2"				3/4"				3/4"		
	3/4"				1"				1"		

Fig.OKVAL111

Main Parts and Materials

- Gray cast iron material with Black Painting
- Galvanized steel bolts, nuts; Dacromet is available according to request

Gasket

- EPDM Gasket

Features

- PN16 working pressure



Dimensions (MM)

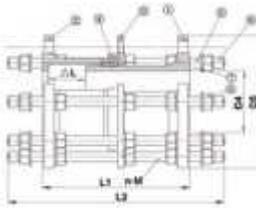
DN	Thread	DN	Thread	DN	Thread
40	3/4"	125	1"	180	1 1/4"
50	3/4"	125	1 1/4"	180	1 1/2"
50	1"	125	1 1/2"	180	2"
63	3/4"	125	2"	180	3"
63	1"	125	2 1/2"	200	3/4"
63	1 1/4"	125	3"	200	1"
75	3/4"	140	1"	200	1 1/4"
75	1"	140	1 1/4"	200	1 1/2"
75	1 1/4"	140	1 1/2"	200	2"
90	3/4"	140	2"	200	2 1/2"
90	1"	140	2 1/2"	200	3"
90	1 1/4"	140	3"	250	1"
90	1 1/2"	160	3/4"	250	1 1/4"
90	2"	160	1"	250	1 1/2"
110	3/4"	160	1 1/4"	250	2"
110	1"	160	1 1/2"	250	2 1/2"
110	1 1/4"	160	2"	250	3"
110	1 1/2"	160	2 1/2"	315	2"
110	2"	160	3"	315	2 1/2"
125	3/4"	180	1"	315	3"

Fig.OKVAL100

Materials and Features

- Ductile iron GGG50 material with FBE coated
- EPDM Gasket
- Galvanized steel bolts & nuts, dacromet is available
- PN10, PN16, PN25 working pressure

Item No.	Parts Name	Material
1	Flange	Ductile Iron
2	Flange	Ductile Iron
3	Gland	Ductile Iron
4	Gasket	EPDM
5	Stud	Galvanized Steel
6	Cap	Plastic
7	Washer	Galvanized Steel
8	Nut	Galvanized Steel



Dimensions (mm)

DN	ΔL	Length		PN10			PN16			PN25					
		L1	L2	D4	D5	n-M	D4	D5	n-M	ΔL	L1	L2	D5	n-M	
65	50	200	350	145	185	4-16	145	185	4-16	-	-	-	-	-	
80	50	200	350	160	200	8-16	160	200	8-16	50	210	350	160	200	8-16
100	50	200	350	180	220	8-16	180	220	8-16	50	220	350	190	235	8-20
125	50	200	350	210	250	8-16	210	250	8-16	50	220	380	220	270	8-24
150	50	200	350	240	285	8-20	240	285	8-20	50	230	380	250	300	8-24
200	50	220	380	295	340	8-20	295	340	12-20	50	230	410	310	360	12-24
250	50	230	380	350	400	12-20	355	400	12-24	50	250	460	370	425	12-27
300	50	250	410	400	455	12-20	410	455	12-24	50	250	460	430	485	16-27
350	50	260	410	460	505	16-20	470	520	16-24	50	270	480	490	555	16-30
400	50	270	450	515	565	16-24	525	580	16-27	50	280	510	550	620	16-33
450	50	270	450	565	615	20-24	585	640	20-27	50	280	510	600	670	20-33
500	50	280	450	620	670	20-24	650	715	20-30	50	300	510	660	730	20-33
600	50	300	480	725	780	20-27	770	840	20-33	50	320	550	770	845	20-36
700	50	300	480	840	895	24-27	840	910	24-33	50	340	550	875	960	20-39
800	50	320	500	950	1015	24-30	950	1025	24-36	50	360	650	990	1085	24-45
900	50	320	500	1050	1115	28-30	1050	1125	28-36	50	380	650	1090	1185	28-45
1000	50	340	550	1160	1230	28-33	1170	1255	28-39	50	400	690	1210	1320	28-52
1100	50	340	550	1270	1340	32-33	1270	1355	32-39	-	-	-	-	-	-
1200	50	360	580	1380	1455	32-36	1390	1485	32-45	50	450	700	1420	1530	32-52
1400	50	380	630	1590	1675	36-39	1590	1685	36-45	50	480	810	1640	1755	36-56
1500	50	400	665	1700	1785	36-39	1710	1820	36-52	-	-	-	-	-	-
1600	50	400	700	1820	1915	40-45	1820	1930	40-52	50	510	815	1860	1975	40-56
1800	50	420	730	2020	2115	44-45	2020	2130	44-52	50	540	865	2070	2195	44-64
2000	50	440	730	2230	2325	48-45	2230	2345	48-56	50	580	930	2300	2425	48-64

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Fig.OKVAL108

Main Parts and Materials

- Ductile iron gland & Steel center sleeve with FBE coated
- Galvanized carbon steel bolts & nuts
- Dacromet is available according to request

Gasket

- EPDM Gasket

Features

- Epoxy coating min. 250 microns
- Working pressure 300PSI
- WRAS is available according to request



Dimensions (mm)

Size	Pipe OD	OD	Length	Size	Pipe OD	OD	Length
Inch	Inch	mm	mm	Inch	Inch	mm	mm
2"	2.38"	60.3	4"	4"	4.5"	114.3	24"
2"	2.38"	60.3	5"	5"	5.56"	139.7	12"
2"	2.38"	60.3	7"	6"	6.63"	168.3	4"
2"	2.38"	60.3	12"	6"	6.63"	168.3	5"
2"	2.38"	60.3	14"	6"	6.63"	168.3	7"
2 1/2"	2.5"	76.1	7"	6"	6.63"	168.3	12"
2 1/2"	2.5"	76.1	12"	6"	6.63"	168.3	16"
3"	3.5"	88.9	4"	6"	6.63"	168.3	24"
3"	3.5"	88.9	5"	8"	8.63"	219.1	4"
3"	3.5"	88.9	7"	8"	8.63"	219.1	12"
3"	3.5"	88.9	12"	8"	8.63"	219.1	16"
3"	3.5"	88.9	16"	8"	8.63"	219.1	24"
3"	3.5"	88.9	24"	10"	10.75"	273	4"
4"	4.5"	114.3	4"	10"	10.75"	273	12"
4"	4.5"	114.3	5"	10"	10.75"	273	16"
4"	4.5"	114.3	7"	12"	12.75"	323.9	4"
4"	4.5"	114.3	12"	12"	12.75"	323.9	16"
4"	4.5"	114.3	16"	12"	12.75"	323.9	24"

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Fig.OKVAL001

Main Parts and Materials

- Band, Bolts, Nuts, Washer, Lifter Bar, Sidebar are all stainless steel AISI304.
- AISI201 is available upon request.

Gasket

- EPDM for normal application, NBR for option.
- EPDM to BS EN681-1 / NBR to EN682 (WRAS)

Lug

- Stainless Steel Lugs to AISI304.

RC100

O.D Range (mm)	No. of Band	O.D Range (mm)	No. of Band	O.D Range (mm)	No. of Band	Pressure	Length (mm)
48-58	1	195-205	1	195-205	1	PN10/16	150-600
55-65	1	218-228	1	218-228	1	PN10/16	150-600
67-77	1	228-238	1	228-238	1	PN10/16	150-600
83-93	1	238-248	1	238-248	1	PN10/16	150-600
92-102	1	247-257	1	247-257	1	PN10/16	150-600
107-117	1	258-268	1	258-268	1	PN10/16	150-600
123-130	1	271-281	1	271-281	1	PN10/16	150-600
135-145	1	282-292	1	282-292	1	PN10/16	150-600
145-155	1	294-304	1	294-304	1	PN10/16	150-600
158-168	1	302-312	1	302-312	1	PN10/16	150-600
166-176	1	310-320	1	310-320	1	PN10/16	150-600
173-183	1	327-337	1	327-337	1	PN10/16	150-600
180-190	1	342-352	1	342-352	1	PN10/16	150-600
188-198	1	356-366	1	356-366	1	PN10/16	150-600

RC200

O.D Range (mm)	No. of Band	O.D Range (mm)	No. of Band	O.D Range (mm)	No. of Band	Pressure	Length (mm)
86-106	2	282-302	2	421-441	2	PN10/16	150-600
113-133	2	295-315	2	436-456	2	PN10/16	150-600
120-141	2	324-344	2	453-473	2	PN10/16	150-600
168-188	2	335-355	2	469-489	2	PN10/16	150-600
174-194	2	347-367	2	488-508	2	PN10/16	150-600
219-239	2	357-377	2	505-525	2	PN10/16	150-600
228-249	2	365-385	2	525-545	2	PN10/16	150-600
250-260	2	383-403	2	546-566	2	PN10/16	150-600
273-293	2	404-424	2	562-582	2	PN10/16	150-600

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Fig.OKVAL002

Main Parts and Materials

- Band, Lifter Bar, Sidebar are all stainless steel AISI304.
- Bolts nuts Carbon Steel GALV

Gasket

- EPDM for normal application, NBR for option.
- EPDM to BS EN681-1 / NBR to EN682 (WRAS)

Jaw

- Ductile Iron GGG40, Epoxy Coating RAL5017

RC100

O.D Range (mm)	No. of Band	O.D Range (mm)	No. of Band	O.D Range (mm)	No. of Band	Pressure	Length (mm)
48-58	1	195-205	1	195-205	1	PN10/16	150-600
55-65	1	218-228	1	218-228	1	PN10/16	150-600
67-77	1	228-238	1	228-238	1	PN10/16	150-600
83-93	1	238-248	1	238-248	1	PN10/16	150-600
92-102	1	247-257	1	247-257	1	PN10/16	150-600
107-117	1	258-268	1	258-268	1	PN10/16	150-600
123-130	1	271-281	1	271-281	1	PN10/16	150-600
135-145	1	282-292	1	282-292	1	PN10/16	150-600
145-155	1	294-304	1	294-304	1	PN10/16	150-600
158-168	1	302-312	1	302-312	1	PN10/16	150-600
166-176	1	310-320	1	310-320	1	PN10/16	150-600
173-183	1	327-337	1	327-337	1	PN10/16	150-600
180-190	1	342-352	1	342-352	1	PN10/16	150-600
188-198	1	356-366	1	356-366	1	PN10/16	150-600

RC200

O.D Range (mm)	No. of Band	O.D Range (mm)	No. of Band	O.D Range (mm)	No. of Band	Pressure	Length (mm)
86-106	2	282-302	2	421-441	2	PN10/16	150-600
113-133	2	295-315	2	436-456	2	PN10/16	150-600
120-141	2	324-344	2	453-473	2	PN10/16	150-600
168-188	2	335-355	2	469-489	2	PN10/16	150-600
174-194	2	347-367	2	488-508	2	PN10/16	150-600
219-239	2	357-377	2	505-525	2	PN10/16	150-600
228-249	2	365-385	2	525-545	2	PN10/16	150-600
250-260	2	383-403	2	546-566	2	PN10/16	150-600
273-293	2	404-424	2	562-582	2	PN10/16	150-600

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Fig.OKVAL114

Main Parts and Materials

- Ductile iron body.
- Band, Bolts, Nuts, Washer are stainless steel.

Gasket

- EPDM to BS EN681-1 (WRAS)

Features

- Outlet body according to EN 545 standard.
- Band width 40 mm & 60 mm, thickness 1,5 mm (minimum)
- Epoxy coating min. 250 microns.
- Working pressure PN16.



Dimensions (MM)

Size	Normal			Bolts	Size	Normal		
	DN	Range mm	Dia & Length			DN	Range mm	Dia & Length
DN50	340 x 1, 1 1/4	55-75	M12 x 130	DN200	350 x 1 1/2, 2	200-227	M16 x 120	
DN65	340 x 1, 1 1/4	70-90	M12 x 130	DN200	350 x 1 1/2, 2	215-240	M16 x 120	
DN80	340 x 1, 1 1/4	75-98	M12 x 130	DN200	350 x 1 1/2, 2	230-255	M16 x 120	
DN80	340 x 1, 1 1/4	87-107	M12 x 130	DN250	350 x 1 1/2, 2	260-285	M16 x 120	
DN100	340 x 1, 1 1/4	97-118	M12 x 130	DN250	350 x 1 1/2, 2	285-310	M16 x 120	
DN100	340 x 1, 1 1/4	105-125	M12 x 130	DN300	350 x 1 1/2, 2	315-340	M16 x 120	
DN100	340 x 1, 1 1/4	110-133	M12 x 130	DN300	350 x 1 1/2, 2	338-365	M16 x 120	
DN125	340 x 1, 1 1/4	130-155	M12 x 130	DN350	350 x 1 1/2, 2	344-372	M16 x 120	
DN150	350 x 1 1/2, 2	158-177	M12 x 130	DN350	350 x 1 1/2, 2	368-384	M16 x 120	
DN150	350 x 1 1/2, 2	158-190	M12 x 130	DN400	350 x 1 1/2, 2	394-420	M16 x 120	
DN150	350 x 1 1/2, 2	161-186	M16 x 120	DN400	350 x 1 1/2, 2	404-430	M16 x 120	
DN175	350 x 1 1/2, 2	185-210	M16 x 120	DN400	350 x 1 1/2, 2	418-443	M16 x 120	
DN200	350 x 1 1/2, 2	190-230	M16 x 120	DN450	350 x 1 1/2, 2	474-493	M16 x 120	

Fig.OKVAL122

Main Parts and Materials

· AISI201, AISI304, AISI316 is available upon request.

Item No.	Parts Name	Material
1	LUG	Ductile Iron
2	BOLTS	Galvanized Steel
3	GASKET	EPDM
4	WASHER	Galvanized Steel
5	NUTS	Galvanized Steel
6	BAND	Stainless Steel



Dimensions (mm)

DN	Inch	Range		Width		Bolts Size
		min	max	1 bolts	2 bolts	
15	1/2"	21	25	75	150	M10X90
20	3/4"	26	30	75	150	M10X90
25	1"	29	33	75	150	M10X90
25	1"	33	37	75	150	M10X90
32	1 1/4"	42	45	75	150	M10X90
32	1 1/4"	44	48	75	150	M10X90
40	1 1/2"	48	51	75	150	M10X90
40	1 1/2"	50	54	75	150	M10X90
40	1 1/2"	55	60	75	150	M10X90
50	2"	60	64	75	150	M12X100
50	2"	65	69	75	150	M12X100
65	2 1/2"	69	73	75	150	M12X100
65	2 1/2"	71	76	75	150	M12X100
65	2 1/2"	78	82	75	150	M12X100
80	3"	82	87	75	150	M12X100
80	3"	87	93	75	150	M12X125
80	3"	94	100	75	150	M12X125
80	3"	99	104	75	150	M12X125
100	4"	105	111	75	150	M12X125
100	4"	112	117	75	150	M12X125
100	4"	120	126	75	150	M12X125
100	4"	126	131	75	150	M12X125
125	5"	131	136	75	150	M12X125
125	5"	139	145	75	150	M12X125
125	5"	149	155	75	150	M12X125
150	6"	156	162	75	150	M12X125
150	6"	167	173	75	150	M12X125
175	7"	173	179	75	150	M12X125
200	8"	217	223	75	150	M12X125
200	8"	223	229	75	150	M12X125

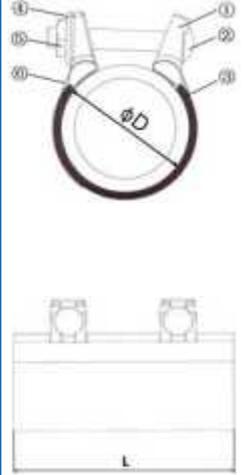


Fig.OKVAL102

Main Parts and Materials

- Ductile iron gland & center sleeve with FBE coated
Steel center sleeve is available according to request
- Galvanized carbon steel bolts & nuts
Dacromet is available according to request

Gasket

- EPDM Gasket

Features

- Epoxy coating min. 250 microns
- Working pressure PN10, PN16
- WRAS is available according to request



Dimensions (mm)

Size		Range (mm)		Boltings x No.
Inch	DN	Min	Max	
1 1/2"	DN40	48	58	M12 x 2
2"	DN50	59	73	M12 x 4
2 1/2"	DN65	72	85	M12 x 4
3"	DN80	88	103	M12 x 4
4"	DN100	109	128	M12 x 4
5"	DN125	132	154	M12 x 4
6"	DN150	159	182	M12 x 4
7"	DN175	192	210	M12 x 4
8"	DN200	218	235	M12 x 4
10"	DN250	266	291	M12 x 6
12"	DN300	315	332	M12 x 6
14"	DN350	374	391	M12 x 8
16"	DN400	417	437	M12 x 8
18"	DN450	480	500	M12 x 10
20"	DN500	526	546	M12 x 12
24"	DN600	630	650	M12 x 12

Fig.OKVAL103

Main Parts and Materials

- Ductile iron gland & center sleeve with FBE coated
Steel center sleeve is available according to request
- Galvanized carbon steel bolts & nuts
Dacromet is available according to request

Gasket

- EPDM Gasket

Features

- Epoxy coating min. 250 microns
- Working pressure PN10, PN16
- WRAS is available according to request



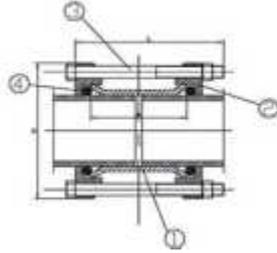
Dimensions (mm)

Size		Range (mm)		Boltings x No.
Inch	DN	Min	Max	
1 1/2"	DN40	48	58	M12 x 2
2"	DN50	59	73	M12 x 4
2 1/2"	DN65	72	85	M12 x 4
3"	DN80	88	103	M12 x 4
4"	DN100	109	128	M12 x 4
5"	DN125	132	154	M12 x 4
6"	DN150	159	182	M12 x 4
7"	DN175	192	210	M12 x 4
8"	DN200	218	235	M12 x 4
10"	DN250	266	291	M12 x 6
12"	DN300	315	332	M12 x 6
14"	DN350	374	391	M12 x 8
16"	DN400	417	437	M12 x 8
18"	DN450	480	500	M12 x 10
20"	DN500	526	546	M12 x 12
24"	DN600	630	650	M12 x 12

OKVAL-GBDI

Materials and Features

- Sleeve :Ductile iron GGG50
- End ring :Ductile iron GGG50
- Gasket :EPDM/NBR
- Bolt Nut :Steel Galvanize
- Pressure PN10 PN16



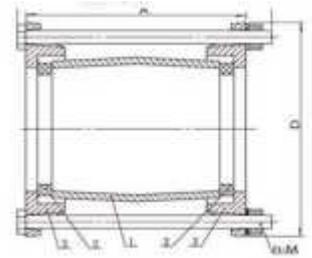
Dimensions (mm)

Pipe O. D	A	H	L	Bolts Qty.	Thread
63	147	130	180	4	M12
75	149	130	180	4	M12
90	164	130	180	8	M12
110	184	150	210	8	M12
125	199	150	210	8	M12
140	214	150	210	8	M12
160	234	190	240	4	M12
180	254	190	240	6	M12
200	274	190	240	6	M12
250	341	210	290	6	M12
315	406	210	290	6	M12

OKVAL-GBCI

Materials and Features

- Sleeve :Cast iron GG20
- End ring :Cast iron GG20
- Gasket :EPDM/NBR
- Bolt Nut :Steel Galvanize
- Pressure PN10 PN16

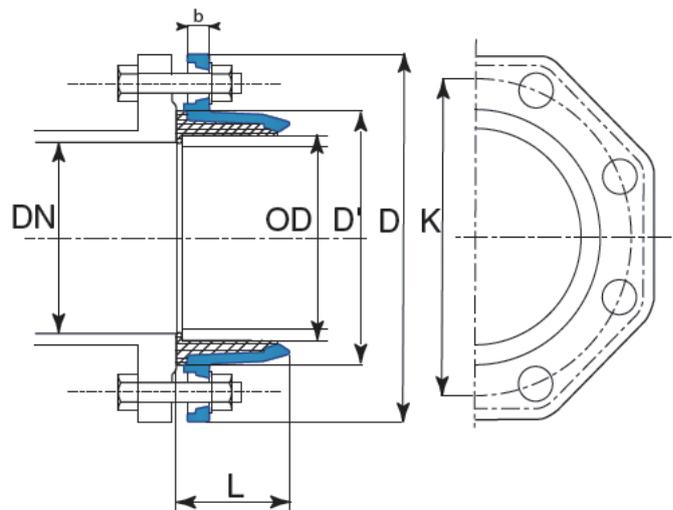


Dimensions (mm)

Pipe OD	D	A	NO.	Bolts L	Weight
50	53	140	2	M10X160	1.9
63	66	140	2	M10X180	2.2
75	78	140	2	M10X180	2.7
90	93	140	2	M10X180	3
110	113	150	3	M10X180	4.5
125	128	150	3	M12X200	6.5
140	143	160	3	M12X200	7
160	164	180	3	M12X220	8
180	184	180	3	M12X220	10
200	205	180	3	M12X220	12
250	255	210	4	M14X250	19
315	322	210	4	M14X250	25
400	408	210	6	M14X250	30
500	510	210	6	M14X250	40

■ Materials and Features

- Ductile iron GGG50 material with FBE coated
- EPDM Gasket+
- PN10, PN16 working pressure
- Flange drilling ISO PN10/16
- Angular deflection +/- 6°



■ Dimensions (mm)

DN	Pipe O.D	Length						
			L	D	D'	b	K	
60/65	82	47	185	110	16	145		
80	98	50	200	125	16	160		
100	118	55	220	150	16	180		
125	144	65	250	175	16	210		
150	170	70	285	200	16	240		
200	222	80	340	255	17	295		
250	274	80	400	322	19	PN10 350	PN16 355	
300	326	86	455	360	21	PN10 400	PN16 410	
400	429	95	580	465	22	PN10 515	PN16 525	

Restrained flange adaptor for HDPE pipe

Briefs

- Connection for PE pipe;
- Working pressure PN10/16;
- Maximum temperature -10°C - +70°C;
- Suitable for portable water, neutral liquids and sewage;

Standards

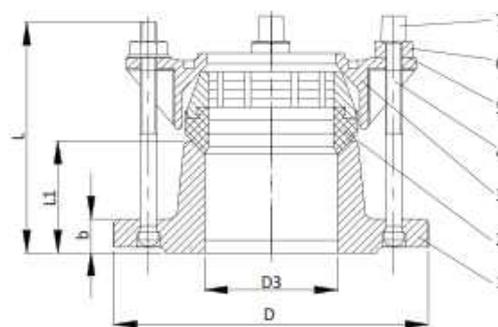
- Design: EN12842
- Flange: EN1092-2;
- Coating: DIN 30677;
- Test: EN12266-1

Features

- Light weight ductile iron pattern.
- Corrosion resistant construction
- Combined sealing ring give restraint and prevent blow off
- Angular deflection $\pm 3^\circ$

Options

- Flange drilling with BS or ANSI standard;
- A2-70, A4-80 bolt;
- Various coating;
- Seal: NBR etc.



ITEM	DESCRIPTION	MATERIAL	STANDARD
1	BODY	EN GJS500-7	EN1563
2	SEALING RING	EPDM+BRASS	EN681 EN1982
3	END RING	EN GJS500-7	EN1563
4	BOLTS	GD 4.8	COMMERICAL
5	WASHER	STEEL	COMMERICAL
6	NUTS	STEEL	COMMERICAL
7	CAP	PLASTIC	COMMERICAL

DN(mm)	OD(mm)	D3(mm)	D(mm)	b(mm)	L1	L	L2	DIN DN PN10/16
50	50	50	165	19	63	115	M12x2	.
50/60/65	63	78	180	19	63	110	M12x4	.
60/65	75	92	180	19	63	110	M12x4	.
80	90	105	180	19	63	110	M12x4	.
100	110	126	200	19	63	110	M12x4	.
125	125	135	220	19	63	120	M12x4	.
150	160	177	285	19	63	120	M12x4	.
200	200	217	340	19	63	130	M14x4	.
200	225	214	340	20	88	140	M14x4	.
250	250	268	400	22	88	140	M16x6	.
250	280	275	400	22	88	150	M16x6	.
300	315	334	455	24	88	150	M16x6	.

Restrained coupling for HDPE pipe

Briefs

- Connection for PE pipe;
- Working pressure PN10/16;
- Maximum temperature -10°C - +70°C;
- Suitable for portable water, neutral liquids and sewage;

Standards

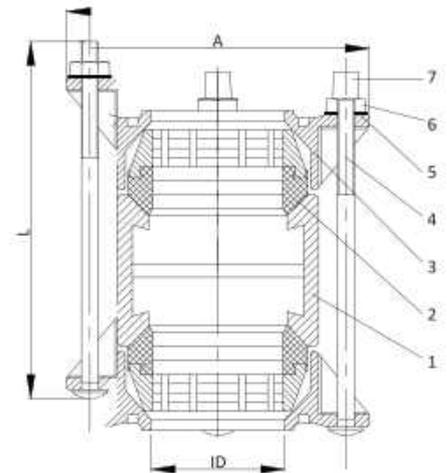
- Design: EN12842
- Flange: EN1092-2;
- Coating: DIN 30677;
- Test: EN12266-1

Features

- Light weight ductile iron pattern.
- Corrosion resistant construction
- Combined sealing ring give restraint and prevent blow off
- Angular deflection $\pm 3^\circ$

Options

- A2-70, A4-80 bolt;
- Various coating;
- Seal: NBR etc.



ITEM	DESCRIPTION	MATERIAL	STANDARD
1	CENTER SLEEVE	EN GJS500-7	EN1563
2	SEALING RING	EPDM+BRASS	EN681 EN1982
3	END RING	EN GJS500-7	EN1563
4	BOLTS	GD 4.8	COMMERICAL
5	WASHER	STEEL	COMMERICAL
6	NUTS	STEEL	COMMERICAL
7	CAP	PLASTIC	COMMERICAL

DN(mm)	OD(mm)	ID(mm)	A(mm)	L(mm)	Bolts Q'ty
50	50	55	140	180	M12x2
50/60/65	63	67	165	180	M12x4
60/65	75	80	177	180	M12x4
80	90	95	193	180	M12x4
100	110	115	214	190	M12x4
125	125	130	240	190	M12x4
150	160	165	272	190	M12x4
200	200	205	314	210	M14x4
200	225	230	332	240	M14x4
250	250	255	365	240	M16x6
250	280	285	380	240	M16x6
300	315	320	431	270	M16x6