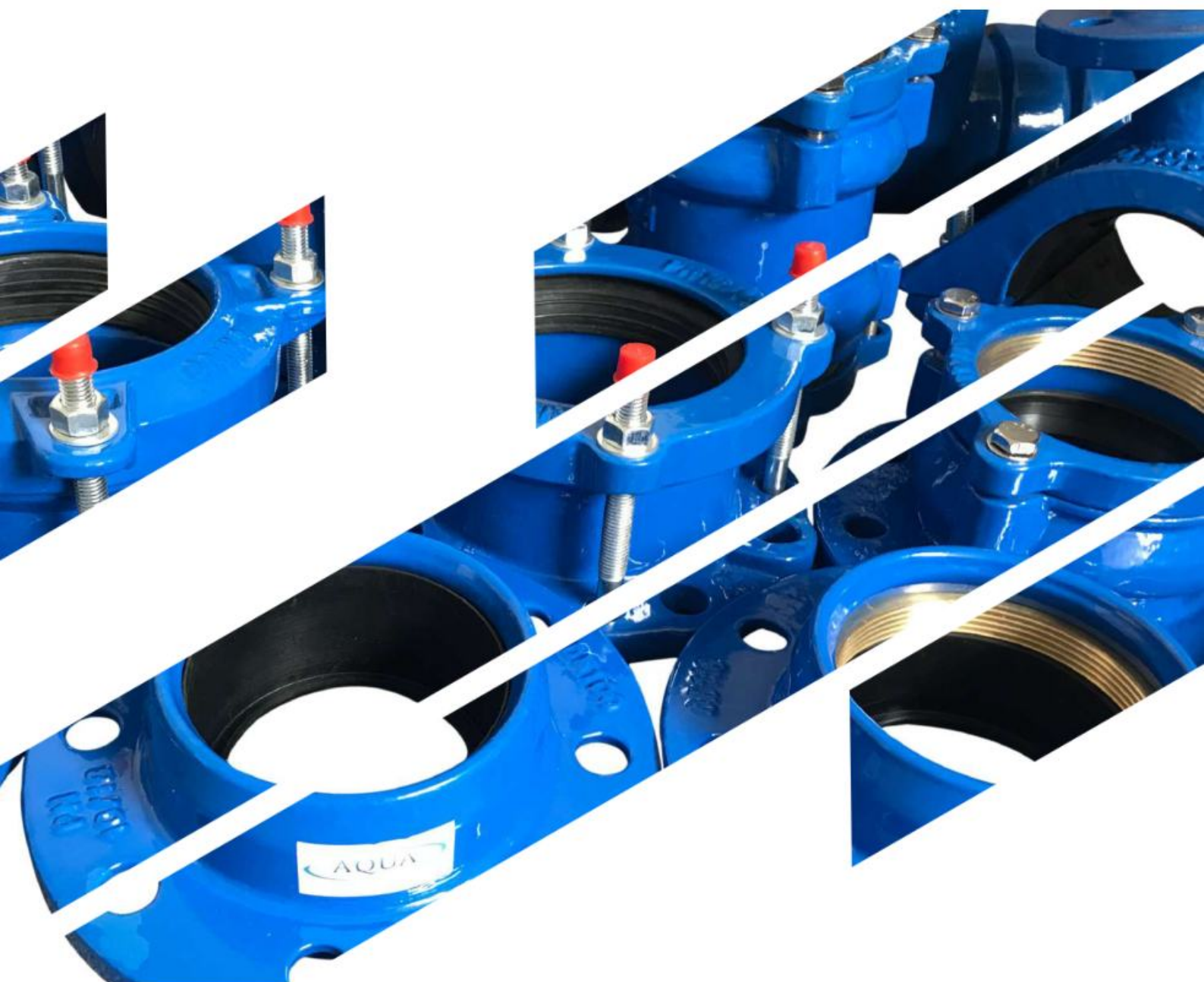




by AQUA FITTING



Aqua Universal Series DN40 to DN600 PN10/16



Universal Tolerance

Aqua universal series is solution to most pipe connections. With up to 29 tolerances on the pipe OD it not only eases installation but also reduce the expensive and time consuming trial holes, reduce stock holding and increase stock turn over.



Pipe Materials

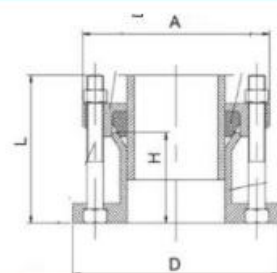
Maxi range is solution to Ductile Iron pipe , Cast Iron pipe, Concrete pipe, Steel pipe, Stainless Steel pipe, Asbestos Cement pipe, PVC pipe, Copper pipe, GRP pipe and ABS pipe.

Universal Flange Adaptor DN40 to DN600 PN10/16

SIZE	RANGE	A	D	L	Qty
DN40	48-63	165	165	M12*130	2
DN50	59-72	180	187	M12*130	2
DN65	72-85	180	222	M12*130	2
DN80	88-103	190	227	M12*130	4
DN100	93-117	204	227	M12*130	4
DN100	107-128	214	227	M12*130	4
DN125	138-153	250	287	M12*130	4
DN150	155-175	278	287	M12*140	4
DN150	159-182	278	287	M12*140	4
DN175	192-210	300	340	M12*140	4
DN200	218-235	324	340	M12*140	4
DN225	250-267	406	402	M12*140	4
DN250	235-252	406	402	M12*140	4
DN250	271-289	406	406	M12*140	4
DN300	315-332	440	482	M12*140	6
DN300	322-339	452	482	M12*140	6
DN300	324-350	463	482	M12*140	6
DN300	345-375	510	520	M12*180	8
DN350	374-391	510	520	M16*180	8
DN400	400-429	560	580	M16*180	8
DN400	417-437	560	580	M16*180	8
DN400	455-472	560	580	M16*180	8
DN450	480-500	630	640	M16*180	10
DN500	500-535	700	715	M16*180	10
DN500	526-546	700	715	M16*180	10
DN500	555-572	700	715	M16*180	10
DN600	600-630	830	840	M16*180	10
DN600	630-650	830	840	M16*180	10

Materials & Relevant Standards

END RING : DUCTILE IRON GGG-50
 BODY : DUCTILE IRON GGG-50
 GASKET : EPDM / NBR / SBR
 BOLTS & NUTS : CARBON STEEL/SS304
 / SS316
 COATING : EPOXY coating.

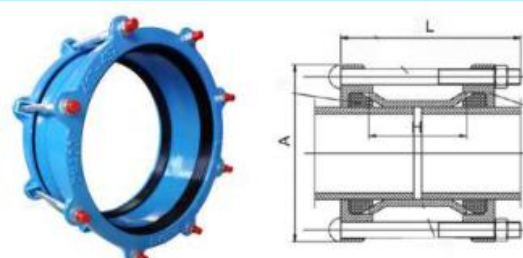


Universal Coupling DN40 to D600 PN10/16

SIZE	RANGE	A	L	L	Qty
DN40	48-63	165	100	M12*180	2
DN50	59-72	180	95	M12*180	2
DN65	72-85	180	95	M12*180	3
DN80	88-103	190	95	M12*180	4
DN100	93-117	200	95	M12*180	4
DN100	107-128	214	95	M12*180	4
DN125	138-153	250	95	M12*180	4
DN150	155-175	278	105	M12*200	4
DN150	159-182	278	105	M12*200	4
DN175	192-210	300	130	M12*220	4
DN200	218-235	324	130	M12*220	4
DN225	250-267	406	130	M12*230	6
DN250	235-252	406	130	M12*230	6
DN250	271-289	440	130	M12*230	6
DN300	315-332	452	130	M12*230	6
DN300	322-339	463	130	M12*230	6
DN300	324-350	510	165	M12*230	6
DN300	345-375	510	165	M12*230	6
DN350	374-391	510	165	M16*250	8
DN400	400-429	560	165	M16*250	8
DN400	417-437	560	165	M16*250	8
DN400	455-472	560	165	M16*250	8
DN450	480-500	560	165	M16*250	8
DN500	500-535	560	165	M16*250	8
DN500	526-546	630	165	M16*250	8
DN500	555-572	700	165	M16*250	10
DN600	600-630	700	165	M16*250	10
DN600	630-650	700	165	M16*250	10

Materials & Relevant Standards

END RING : DUCTILE IRON GGG-50
 BODY : CARBON STEEL / DUCTILE IRON
 GASKET : EPDM / NBR / SBR
 BOLTS & NUTS : CARBON STEEL/SS304
 / SS316
 COATING : EPOXY coating.

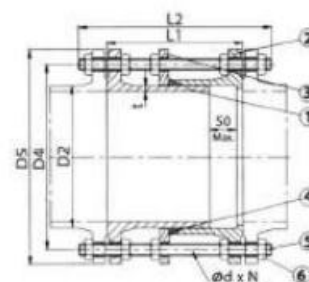


Dismantling Joint DN40 to DN2000 PN10/16

SIZE	PN10							PN16						
	D2	D4	D5	ØdxN	L1	L2		D2	D4	D5	ØdxN	L1	L2	
DN40	56	110	150	M16×280	4	190	280	56	110	150	M16×280	4	190	280
DN50	66	125	165	M16×280	4	190	280	66	125	165	M16×280	4	190	280
DN60	77	135	175	M16×280	4	210	280	77	135	175	M16×280	4	210	280
DN65	82	145	185	M16×280	4	210	280	82	145	185	M16×280	4	210	280
DN80	98	160	200	M16×310	8	220	310	98	160	200	M16×310	8	220	310
DN100	118	180	220	M16×310	8	220	310	118	180	220	M16×310	8	220	310
DN125	144	210	250	M16×310	8	220	310	144	210	250	M16×310	8	220	310
DN150	170	240	285	M20×320	8	220	320	170	240	285	M20×320	8	220	320
DN200	222	295	340	M20×340	8	240	340	222	295	340	M20×340	12	240	340
DN250	274	350	400	M20×370	12	250	360	274	355	400	M24×370	12	250	370
DN300	326	400	455	M20×390	12	260	360	326	410	455	M24×410	12	260	390
DN400	429	515	565	M24×410	16	275	370	429	525	580	M27×430	16	275	410
DN500	532	620	670	M24×390	20	285	390	532	650	715	M30×440	20	285	440
DN600	632	725	780	M27×410	20	305	410	632	770	840	M33×480	20	305	460
DN700	735	840	895	M27×410	24	305	410	735	840	910	M33×480	24	305	480
DN800	842	950	1015	M30×460	24	325	460	842	950	1025	M36×520	24	325	520
DN900	945	1050	1115	M30×460	28	325	460	945	1050	1125	M36×520	28	325	520
DN1000	1048	1160	1230	M33×480	28	345	480	1048	1170	1255	M39×560	28	345	560
DN1100	1152	1270	1340	M33×480	32	345	480	1152	1270	1355	M39×560	32	345	560
DN1200	1255	1380	1455	M36×520	32	345	520	1255	1390	1485	M45×600	32	345	600
DN1400	1462	1590	1675	M39×560	36	375	560	1462	1590	1685	M45×630	36	375	630
DN1500	1565	1700	1785	M39×590	36	410	590	1565	1710	1820	M52×660	36	410	665
DN1600	1668	1820	1915	M45×600	40	410	600	1668	1820	1930	M52×680	40	410	700
DN1800	1875	2020	2115	M45×640	44	425	640	1875	2020	2130	M52×680	44	425	730
DN2000	2082	2230	2325	M45×640	48	435	640	2082	2230	2345	M56×680	48	435	730

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 GASKET : EPDM / NBR / SBR
 BS EN 681-1
 BOLTS & NUTS : CARBON STEEL
 COATING : EPOXY coating.
 FLANGES AND DRILLINGS : ISO7005-2
 (BS EN1092-2:1997,DIN2501)

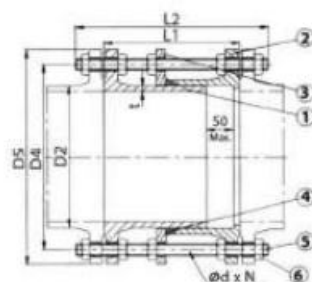


Dismantling Joint DN40 to DN2000 PN25

SIZE	PN25						
	D2	D4	D5	ØdxN		L1	L2
DN40	56	110	150	M16×280	4	190	280
DN50	66	125	165	M16×280	4	190	280
DN60	77	135	175	M16×280	4	210	280
DN65	82	145	185	M16×280	4	210	280
DN80	98	160	200	M16×330	8	220	330
DN100	118	190	235	M20×340	8	220	340
DN125	144	220	270	M24×370	8	220	370
DN150	170	250	300	M24×370	8	220	370
DN200	222	310	360	M24×370	12	240	370
DN250	274	370	425	M27×410	12	250	410
DN300	326	430	485	M27×410	16	260	410
DN400	429	550	620	M33×480	16	280	480
DN500	532	660	730	M33×480	20	285	480
DN600	632	770	845	M36×520	20	315	520
DN700	735	875	960	M39×560	24	315	560
DN800	842	990	1085	M45×600	24	330	600
DN900	945	1090	1185	M45×600	28	345	600
DN1000	1048	1210	1320	M52×650	28	375	650
DN1100	1152	1310	1420	M52×670	32	420	670
DN1200	1255	1420	1530	M52×700	32	450	700
DN1400	1462	1640	1755	M56x750	36	480	750
DN1600	1668	1860	1975	M56x800	40	510	800
DN1800	1875	2070	2195	M64x850	44	540	850
DN2000	2082	2300	2425	M64x920	48	580	920

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 GASKET : EPDM / NBR / SBR
 BS EN 681-1
 BOLTS & NUTS : CARBON STEEL
 COATING : EPOXY coating.
 FLANGES AND DRILLINGS : ISO7005-2
 (BS EN1092-2:1997,DIN2501)



Aqua Maxi Range Series

DN40 to DN700 PN10/16



Maxi Range Tolerance

Maxi range is solution to most pipe connections. With up to 35mm tolerance on the pipe OD it not only eases installation but also reduce the expensive and time consuming trial holes, reduce stock holding and increase stock turn over.



Pipe Materials

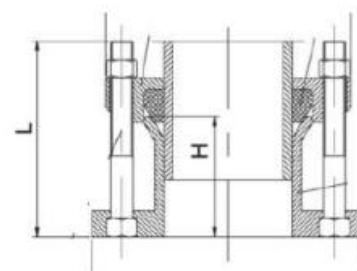
Maxi range is solution to Ductile Iron pipe , Cast Iron pipe, Concrete pipe, Steel pipe, Stainless Steel pipe, Asbestos Cement pipe, PVC pipe, Copper pipe, GRP pipe and ABS pipe.

Maxi Range Flange Adaptor DN40 to D700 PN10/16

SIZE	RANGE	H	L	Qty
DN50	46-76	73	M12×130	2
DN50	57-74	73	M12×130	2
DN50/65	63-85	73	M12×130	4
DN80	84-107	73	M12×130	4
DN100	99-119	76	M12×130	4
DN100	107-133	76	M12×130	4
DN125	132-159	76	M12×130	4
DN150	157-184	76	M12×130	4
DN175/200	184-207	76	M12×130	4
DN200	206-230	85	M12×140	4
DN200	216-246	85	M12×140	4
DN225/250	242-268	85	M12×140	4
DN250	266-297	85	M12×140	6
DN250	280-306	85	M12×160	6
DN300	301-327	90	M12×140	6
DN300	314-349	90	M12×140	6
DN300	324-350	90	M12×140	6
DN300	345-375	110	M12×200	6
DN350	386-415	130	M16×230	8
DN400	386-415	130	M16×230	8
DN400	408-436	108	M16X180	8
DN400	425-459	108	M14×180	8
DN400	470-505	120	M14×180	8
DN450	457-492	108	M14×180	10
DN500	530-565	108	M14×180	10
DN600	610-645	108	M14×180	10
DN700	710-745	118	M16×200	12

Materials & Relevant Standards

END RING : DUCTILE IRON GGG-50
 BODY : DUCTILE IRON GGG-50
 GASKET : EPDM / NBR / SBR
 BOLTS & NUTS : CARBON STEEL/SS304
 / SS316
 COATING : EPOXY coating

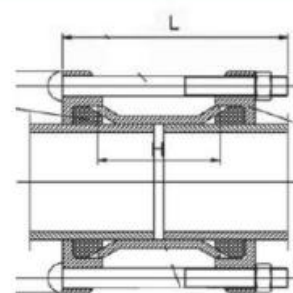


Maxi Range Coupling DN40 to DN700 PN10/16

SIZE	RANGE	H	L	Qty
DN50	46-76	102	M12×180	2
DN50	57-74	102	M12×180	2
DN50/65	63-85	102	M12×180	4
DN80	84-107	102	M12×180	4
DN100	99-119	102	M12×200	4
DN100	107-133	102	M12×200	4
DN125	132-159	102	M12×200	4
DN150	157-184	102	M12×200	4
DN175/200	184-207	102	M12×200	4
DN200	208-225	102	M12×200	4
DN200	216-246	102	M12×200	4
DN225/250	242-268	110	M12×220	4
DN250	266-297	130	M12×230	6
DN250	280-306	130	M12×230	6
DN300	301-327	130	M12×230	6
DN300	314-349	130	M12×230	6
DN300	324-350	130	M12×230	6
DN300	345-375	130	M12×230	6
DN350/400	386-415	130	M16×260	8
DN400	408-436	130	M16×260	8
DN400	425-459	130	M14×250	8
DN400	470-505	130	M14×250	8
DN450	457-492	130	M14×250	8
DN500	530-565	130	M16×260	10
DN600	610-645	130	M16×260	10
DN700	710-745	160	M16×310	12

Materials & Relevant Standards

END RING : DUCTILE IRON GGG-50
 BODY : DUCTILE IRON GGG-50 /
 CARBON STEEL
 GASKET : EPDM / NBR / SBR
 BOLTS & NUTS : CARBON STEEL/SS304
 / SS316
 COATING : EPOXY coating

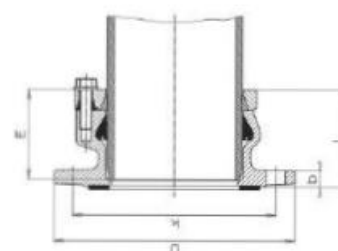


Flange Adaptor for PE pipes DN40 to DN300

DN	PIPE	D	K	b	L	E	Bolts		Weight
	OD						L	Qty	kg
40	50	150.0	112				M10*35	2	
50	63	165.0	125	19	90	80	M10*35	2	4.1
60	63	175.0	135	19	90	80	M10*35	2	4.2
60	75	175.0	138	19	92	82	M10*35	2	5.15
65	63	185.0	145	19	90	80	M10*35	2	4.31
65	75	185.0	145	19	92	82	M10*35	2	5.6
80	75	200.0	160	19	92	82	M10*35	2	5.9
80	90	200.0	160	19	95	85	M10*35	4	7.1
100	90	220.0	180	19	95	85	M10*35	4	7.5
100	110	220.0	180	19	95	85	M10*35	4	8.9
100	125	220.0	180	19	97	87	M10*35	4	11.21
125	110	250.0	210	19	95	85	M10*35	4	9.76
125	125	250.0	210	19	97	87	M10*35	4	13.1
125	140	250.0	210	19	103	93	M10*35	4	14.1
150	140	285.0	240	19	103	93	M10*35	4	14.32
150	160	285.0	240	19	115	105	M12*40	4	14.89
150	180	285.0	240	19	125	115	M12*40	4	16.12
200	200	340.0	295	20	135	125	M12*45	4	17.86
200	225	340.0	295	20	138	128	M12*45	4	19.86
250	250	400.0	350	22	155	145	M12*45	6	23.89
250	280	400.0	350	22	158	148	M12*45	6	24.91
300	315	455.0	400	25	184	174	M12*50	6	34.12
300	355	455.0	400	25	277	237	M12*50	6	42

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 GASKET : EPDM
 GRIP RING : BRASS
 BOLTS & NUTS : A2 STAINLESS STEEL
 COATING : EPOXY coating.

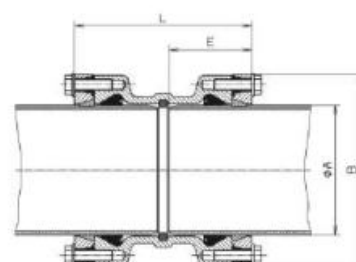


Coupling for PE pipes OD63 to OD355

PIPE OD	L	E	B	Bolts		Weight kg
				L	Qty	
63	171	80	124	M10*35	4	3.26
75	175	82	138	M10*35	4	4.19
90	181	85	152	M10*35	8	5.89
110	181	85	172	M10*35	8	6.95
125	185	87	193	M10*35	8	7.91
140	197	93	210	M10*35	8	9.12
160	221	105	236	M12*40	8	12.04
180	241	113	258	M12*40	8	14.13
200	261	125	284	M12*45	8	16.12
225	265	128	314	M12*45	8	18.19
250	300	145	347	M12*45	12	22.14
280	306	148	376	M12*45	12	25.67
315	358	174	422	M12*50	12	34.12
355	464	237	472			
355	-	-	-	-	-	-
400	-	-	-	-	-	-
400	-	-	-	-	-	-
455	-	-	-	-	-	-
500	-	-	-	-	-	-
500	-	-	-	-	-	-
630	-	-	-	-	-	-
710	-	-	-	-	-	-
800	-	-	-	-	-	-

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 GASKET : EPDM
 GRIP RING : BRASS
 BOLTS & NUTS : A2 STAINLESS STEEL
 COATING : EPOXY coating.



Flange Adaptor for PE pipes DN40 to DN300

DN	Od	D	PN	L	L1
DN40	OD40	130	PN10/16	115	65
DN50	OD50	140	PN10/16	115	65
DN50	OD63	150	PN10/16	115	65
DN65	OD75	150	PN10/16	115	65
DN80	OD90	180	PN10/16	115	65
DN100	OD110	200	PN10/16	115	65
DN125	OD125	240	PN10/16	115	65
DN125	OD140	254	PN10/16	115	65
DN150	OD160	270	PN10/16	115	65
DN150	OD180	286	PN10/16	115	65
DN200	OD200	325	PN10/16	140	65
DN200	OD225	325	PN10/16	160	85
DN250	OD250	375	PN10/16	160	85
DN250	OD280	390	PN10/16	160	85
DN300	OD315	420	PN10/16	160	88

Materials & Relevant Standards

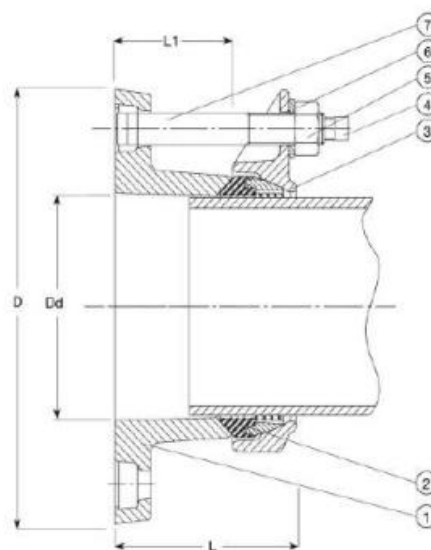
BODY : DUCTILE IRON GGG-50

GASKET : EPDM

GRIP RING : BRASS

BOLTS & NUTS : A2 STAINLESS STEEL

COATING :EPOXY coating.



Coupling for PE pipes OD63 to OD315

DN	Od	D	PN	L	L1
DN40	OD40	130	PN10/16	190	95
DN50	OD50	140	PN10/16	190	95
DN50	OD63	150	PN10/16	190	95
DN65	OD75	150	PN10/16	190	95
DN80	OD90	180	PN10/16	190	95
DN100	OD110	200	PN10/16	190	95
DN125	OD125	240	PN10/16	190	95
DN125	OD140	254	PN10/16	190	95
DN150	OD160	270	PN10/16	210	95
DN150	OD180	286	PN10/16	210	95
DN200	OD200	325	PN10/16	240	110
DN200	OD225	325	PN10/16	260	135
DN250	OD250	375	PN10/16	260	135
DN250	OD280	390	PN10/16	260	135
DN300	OD315	420	PN10/16	290	165

Materials & Relevant Standards

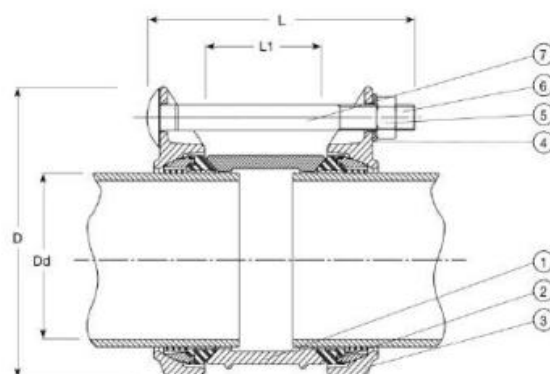
BODY : DUCTILE IRON GGG-50

GASKET : EPDM

GRIP RING : BRASS

BOLTS & NUTS : A2 STAINLESS STEEL

COATING :EPOXY coating.

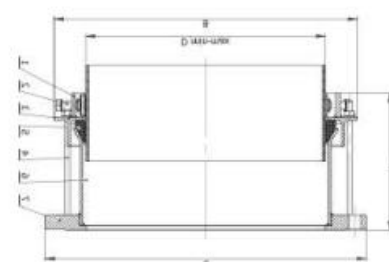


Flange Adaptor for PE pipes DN350 to DN800

DN	D	L	B	C
350PE	348-362	285.0	487	505
350PVC	393-407	485.0	532	505
350st	348-362	285.0	487	505
350zl	371-385	385.0	510	505
400PE	393-407	285.0	532	565
400PVC	443-457	485.0	582	565
400st	399-413	285.0	538	565
400zl	422-436	285.0	561	565
450PE/PVC	493-507	485.0	632	610
450zl	473-487	285.0	612	610
500PE	493-507	285.0	632	670
500PVC	553-567	485.0	692	670
500st	501-515	285.0	640	670
500zl	525-539	285.0	664	670
600PE/PVC	623-637	285.0	762	780
600st	603-617	285.0	742	780
600zl	628-642	285.0	767	780
700PE/PVC	703-717	285.0	842	895
700st	704-718	285.0	843	895
700zl	731-745	285.0	870	895
800PE/PVC	793-807	285.0	932	1015
800st	806-820	285.0	945	1015
800zl	835-849	285.0	974	1015

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 GASKET : EPDM
 RIM : 18G2A
 BOLTS & NUTS : Galv.STEEL
 COATING :EPOXY coating.



Quick Adaptor for PE/PVC pipes DN50 to DN400

Size	OD	D	L
DN50	63	165	53
DN60/65	63	185	53
DN60/65	75	185	53
DN80/90	90	200	57
DN100	110	220	62
DN125	125	250	67
DN125	140	250	70
DN150	160	285	70
DN200	200	340	79
DN200	225	380	85
DN250	250	400	91
DN300	315	455	106
DN400	400	580	110

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50

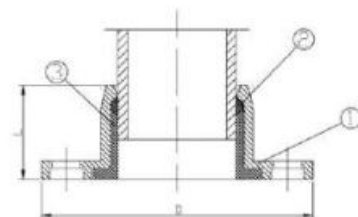
GASKET : EPDM / NBR / SBR

GRIP : BRASS

COATING : EPOXY coating.

For PE is with brass grip.

For PVC is non-brass grip.



Quick Adaptor for PE/PVC pipes DN50 to DN400

New Series

Size	OD	D	L
DN50	63	165	45
DN60/65	63	185	45
DN60/65	75	185	45
DN80/90	90	200	53
DN100	110	220	56
DN125	125	250	60
DN125	140	250	60
DN150	160	285	68
DN200	200	340	74
DN200	225	380	74
DN250	250	400	85
DN300	315	455	95
DN400	400	580	110

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50

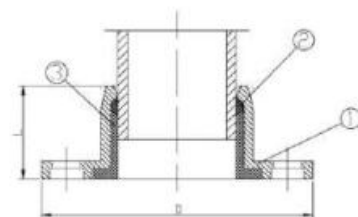
GASKET : EPDM / NBR / SBR

GRIP : BRASS

COATING : EPOXY coating.

For PE is with brass grip.

For PVC is non-brass grip.



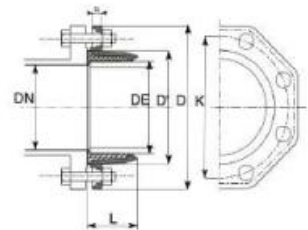
Quick Adaptor for DI pipes DN60 to DN400

CONFIRM CURRENT DATA

Size	Pipe external diameter DE	L Overall length	D	D'	K	
DN60/65	77	45	185	101	145	
DN80	98	45	200	122	160	
DN100	118	52	220	147	180	
DN125	144	61	250	177	210	
DN150	170	68	285	200	240	
DN200	222	70	340	253	295	
DN250	274	74	400	305	PN10 350	PN16 355
DN300	326	77	455	361	PN10 400	PN16 410
DN400	480	93	565	466	PN10 515	PN16 525

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
GASKET : EPDM / NBR / SBR
COATING : EPOXY coating



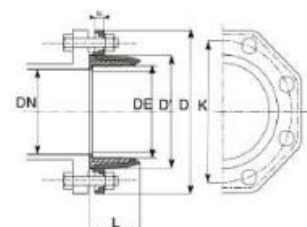
Quick Adaptor for DI pipes DN60 to DN400

with Teeth

Size	Pipe external diameter DE	L Overall length	D	D'	K	
DN60/65	77	45	185	101	145	
DN80	98	45	200	122	160	
DN100	118	52	220	147	180	
DN125	144	61	250	177	210	
DN150	170	68	285	200	240	
DN200	222	70	340	253	295	
DN250	274	74	400	305	PN10 350	PN16 355
DN300	326	77	455	361	PN10 400	PN16 410
DN400	480	93	565	466	PN10 515	PN16 525

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
GASKET : EPDM / NBR / SBR
COATING : EPOXY coating
TEETH : SS304

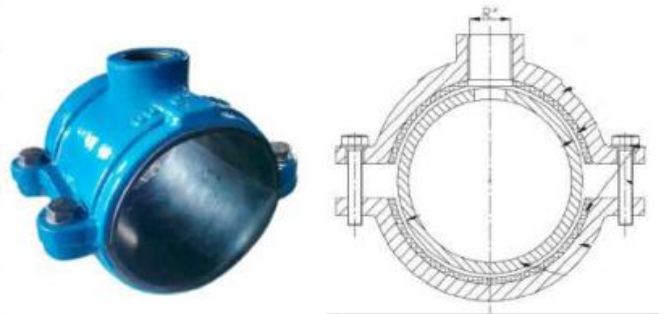


Tapping Saddle for PVC pipes OD50 to OD315

SIZE	R"	WIDTH	BOLTS	
			SIZE	QTY
50	3/4",1",1-1/4",1-1/2",2"	90	M10x30	4
63	3/4",1",1-1/4",1-1/2",2"	100	M10x35	4
75	3/4",1",1-1/4",1-1/2",2"	110	M10x40	4
90	3/4",1",1-1/4",1-1/2",2"	110	M10x40	4
110	3/4",1",1-1/4",1-1/2",2",3"	110	M10x45	4
125	3/4",1",1-1/4",1-1/2",2",3"	120	M12x50	4
140	3/4",1",1-1/4",1-1/2",2",3"	150	M12x50	4
160	3/4",1",1-1/4",1-1/2",2",3"	90	M12x55	4
180	3/4",1",1-1/4",1-1/2",2",3"	100	M12x60	4
200	3/4",1",1-1/4",1-1/2",2",3"	110	M12x60	4
225	3/4",1",1-1/4",1-1/2",2",3"	110	M12x70	4
250	3/4",1",1-1/4",1-1/2",2",3"	110	M12x70	4
280	3/4",1",1-1/4",1-1/2",2",3"	120	M12x70	4
315	3/4",1",1-1/4",1-1/2",2",3"	150	M12x80	4

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 GASKET : EPDM / NBR / SBR
 BOLTS & NUTS : A2 STAINLESS STEEL
 COATING : EPOXY coating

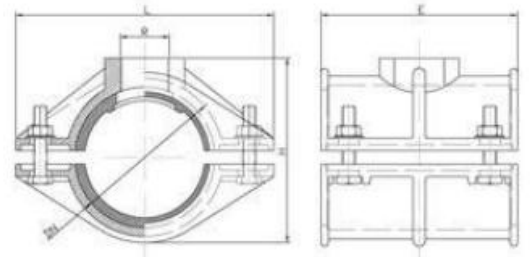


Tapping Saddle for DI pipes DN80 to DN300

DN	L	H	E	R
DN80	210	122	160	1"-2 1/2"
DN100	233	172	160	1"-2 1/2"
DN125	260	203	160	1"-2 1/2"
DN150	285	228	160	1"-2 1/2"
DN200	337	278	160	1"-2 1/2"
DN250	390	333	160	1"-2 1/2"
DN300	442	445	160	1"-2 1/2"

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 GASKET : EPDM / NBR / SBR
 BOLTS & NUTS : 6.8/8.8 Carbon Steel
 COATING : EPOXY coating.

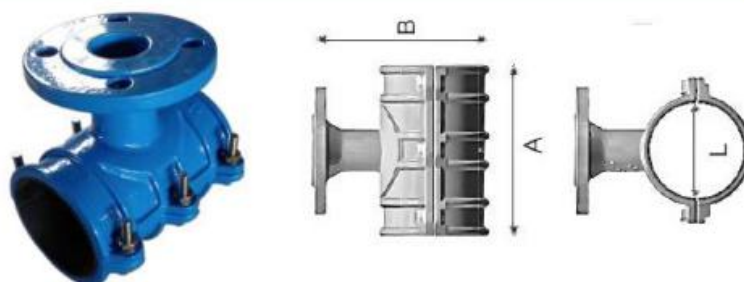


FLANGED OUTLET SADDLE DN110 to DN400

	PIPE OD	OUTLET DN	L	A	B
110/50	110	50	145	200	211
110/65	110	60/65	165	200	231
110/80	110	80	170	200	236
125/50	125	50	160	200	233
125/65	125	60/65	160	200	233
125/80	125	80	170	200	243
140/50	140	50	160	200	241
140/65	140	60/65	160	200	241
140/80	140	80	170	200	251
160/50	160	50	170	250	261
160/65	160	60/65	190	250	281
160/80	160	80	200	250	291
160/100	160	100	205	250	296
200/50	200	50	195	250	306
200/65	200	60/65	215	250	326
200/80	200	80	225	250	336
200/100	200	100	230	250	341
250/50	250	50	240	300	376
250/80	250	80	250	300	386
250/100	250	100	255	300	391
250/150	250	150	265	300	401
315/80	315	80	295	300	463
315/100	315	100	300	300	468
315/150	315	150	310	300	478
400/80	400	80	340	300	551
400/100	400	100	355	300	566
400/150	400	150	360	300	571

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 GASKET : EPDM
 BOLTS & NUTS : SS A2-70
 COATING : EPOXY coating.



Tapping Saddle for PVC pipes OD40 to OD315

SIZE	R"	L mm	L1 mm	A mm	T mm	BOLTS	
						SIZE	QTY
50	3/4",1",1	80	115	84	21	M10×35	4
63	3/4",1",1-1/4",1-1/2",2"	90	130	97	21	M10×35	4
75	3/4",1",1-1/4",1-1/2",2"	100	145	110	24	M10×35	4
90	3/4",1",1-1/4",1-1/2",2"	100	156	124	24	M10×35	4
110	3/4",1",1-1/4",1-1/2",2",3"	100	178	144	27	M10×35	4
125	3/4",1",1-1/4",1-1/2",2",3"	110	198	160	27	M12×40	4
140	1",1-1/4",1-1/2",2",3"	110	215	176	27	M12×40	4
160	1",1-1/4",1-1/2",2",3"	125	235	198	27	M12×40	4
200	1",1-1/4",1-1/2",2",3"	140	290	240	27	M12×40	4
250	1",1-1/4",1-1/2",2",3"	140	341	291	30	M12×40	4
315	2",3"	140	409	356	30	M12×40	4

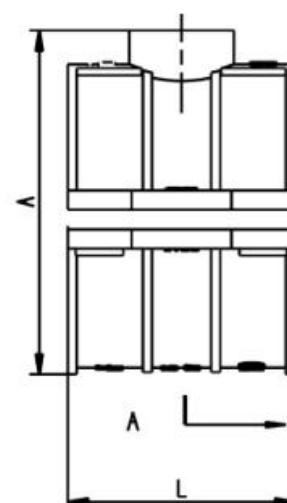
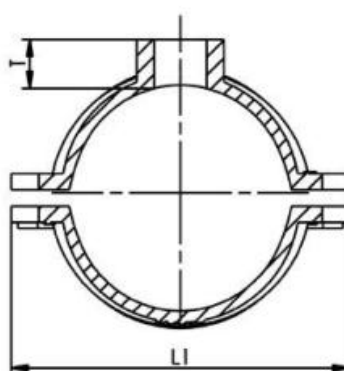
Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50

GASKET : EPDM / NBR / SBR

BOLTS & NUTS : A2 STAINLESS STEEL

COATING : EPOXY coating



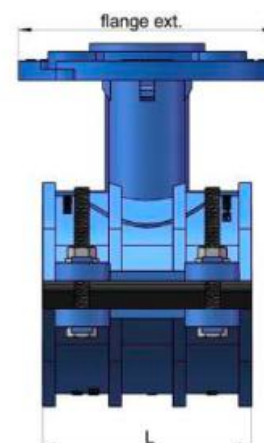
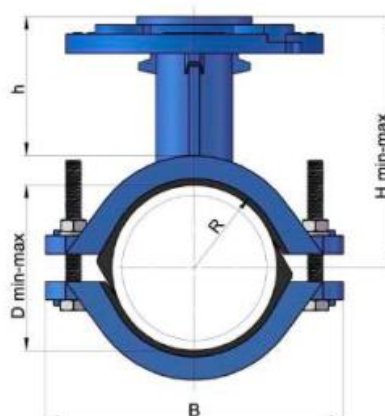
Tapping Saddle for Pipe with Flange Branch

DN60 to DN225 PN10/16

Size	DIMENSION							Bolts
	D min-max	Flange EXT.	B	H	H min-max	L	R	
DN60 /DN40	68-78	185	153	100	150-155	115	45	M10-70
DN80 /DN40	89-101	185	185	100	162.5-167.5	115	68	M10-70
DN100 /DN40	105-120	185	214	100	172-179	150	74	M12-100
DN125 /DN40	136-151	185	269	100	186-193	170	81	M12-100
DN150 /DN40	160-175	185	280	100	199-207	170	93	M12-100
DN200 /DN40	213-228	185	358	100	226-234	200	120	M12-100
DN225 /DN40	243-253	185	385	100	240-246	200	130	M12-100
DN250 /DN40	260-275	185	396	100	270-278	200	150	M12-100

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 BOLTS&NUTS :A2 stainless steel
 GASKET : EPDM EN681-1
 COATING : EPOXY coating.



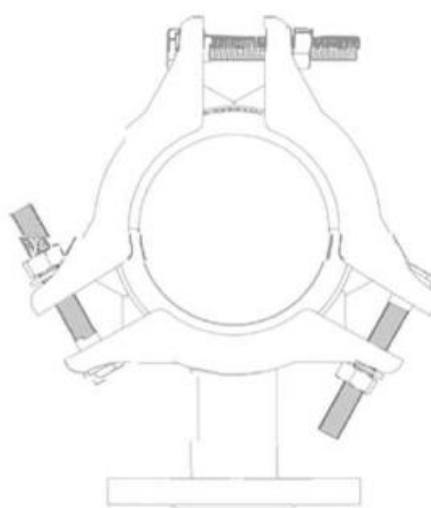
3 pieces collar with Flange Outlet

DN60 to DN300 PN10/16

Size	Pipe OD	Length	Bolts
DN60 /DN40 DN60	58-75	150	M12×80
DN80 /DN40 DN60 DN80	84-109	150	M12×110
DN100 /DN40 DN60 DN80 DN100	108-125	150	M16×120
DN125 /DN40 DN60 DN80 DN100	136-159	200	M16×120
DN150 /DN40 DN60 DN80 DN100	159-184	210	M16×120
DN175/DN40 DN60 DN80 DN100	190-220	210	M16×120
DN200 /DN40 DN60 DN80 DN100	211-238	210	M16×120
DN225 /DN40 DN60 DN80 DN100	240-255	210	M20×130
DN250 /DN40 DN60 DN80 DN100	251-283	210	M20×130
DN275/DN40 DN60 DN80 DN100	290-312	210	M20×130
DN300/DN40 DN60 DN80 DN100	310-340	210	M20×130

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 BOLTS&NUTS :A2 stainless steel
 GASKET : EPDM EN681-1
 COATING : EPOXY coating.



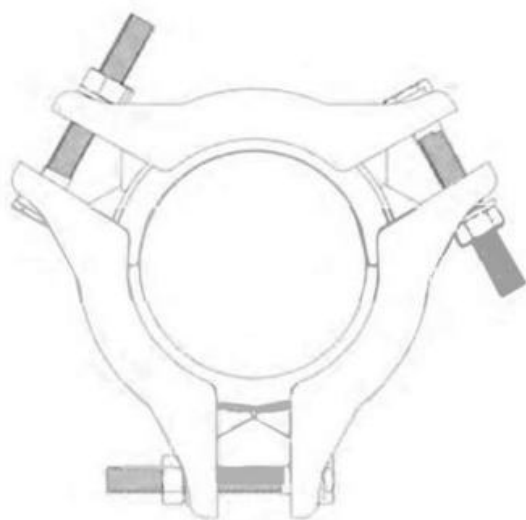
3 pieces collar

DN40 to DN300 PN10/16

Size	Pipe OD	Length	Bolts
DN40	53-58	120	M12×80
DN60	58-75	150	M12×80
DN80	84-109	150	M12×110
DN100	108-125	150	M16×120
DN125	136-159	200	M16×120
DN150	159-184	210	M16×120
DN175	190-220	210	M16×120
DN200	211-238	210	M16×120
DN225	240-255	210	M20×130
DN250	251-283	210	M20×130
DN275	290-312	210	M20×130
DN300	310-340	210	M20×130

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 BOLTS&NUTS : A2 stainless steel
 GASKET : EPDM EN681-1
 COATING : EPOXY coating.

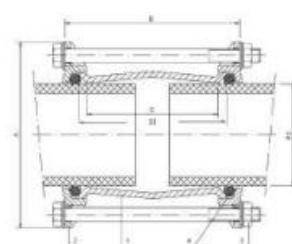


Gibault Joint for PVC pipes OD50 to OD500

SIZE	BOLTS		A	B	C	H
	SIZE	QTY				
50	M12×180	2	135	130	110	122
63	M12×180	2	140	145	120	132
75	M12×180	2	152	145	120	132
90	M12×180	3	170	150	120	132
110	M12×210	3	194	160	140	151
125	M12×210	4	209	175	140	151
140	M12×240	4	228	175	140	151
160	M12×240	4	250	175	140	152
200	M12×240	4	294	220	170	181
225	M12×240	6	321	220	170	181
250	M12×280	6	347	220	170	181
315	M12×280	6	414	220	175	185
400	M12×280	8	505	245	195	210
500	M12×280	10	618	245	195	210

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 GASKET : EPDM / NBR / SBR
 BOLTS & NUTS : CARBON STEEL
 COATING : EPOXY coating

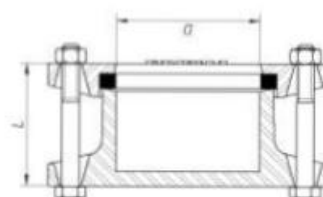


Blind Joint for PVC pipes OD50 to OD500 PN10/16

SIZE	D	L
50	52	57
63	66	65
75	78	67
90	93	73
110	113	80
125	128	79
140	143	81
160	163	71
180	—	—
200	204	92
250	254	97
315	319	112
400	406	136
450	457	144
500	—	—

Materials & Relevant Standards

END RING : DUCTILE IRON GGG-50
 BODY : DUCTILE IRON GGG-50
 GASKET : EPDM / NBR / SBR
 BOLTS & NUTS : CARBON STEEL
 COATING : EPOXY coating.



Gibault Joint DN50 to DN500 PN10/16

PVC DN	D	A	B	Bolts	
				M	Qty
DN50	50	128	110	M12*145	2
DN63	63	142	130	M12*160	2
DN75	75	157	132	M12*160	2
DN90	90	173	135	M12*160	3
DN110	110	197	138	M12*160	3
DN125	125	211	138	M12*160	3
DN140	140	228	138	M12*160	4
DN160	160	249	170	M12*200	4
DN200	200	292	180	M12*210	4
DN250	250	348	227	M12*250	
DN315	315	419	250	M12*280	6
DN400	400	503	250	M12*280	6

Materials & Relevant Standards

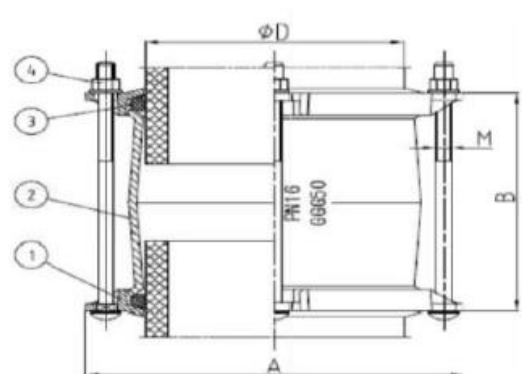
END RING : DUCTILE IRON GGG-50

BODY : DUCTILE IRON GGG-50

GASKET : EPDM / NBR / SBR

BOLTS & NUTS : CARBON STEEL/SS304 / SS316

COATING : EPOXY coating.



Gibault Joint

long body 300mm OD50 to OD315 PN10/16

PVC DN	D	A	B	Bolts	
				M	Qty
OD50	50	128	300	M12*400	2
OD63	63	142	300	M12*400	2
OD75	75	157	300	M12*400	2
OD90	90	173	300	M12*400	2
OD110	110	197	300	M12*400	3
OD125	125	211	300	M12*400	3
OD140	140	228	300	M12*400	4
OD160	160	249	300	M12*400	4
OD200	200	292	300	M12*400	4
OD225	225	323	300	M12*400	4
OD250	250	348	300	M12*400	6
OD315	315	419	300	M12*400	6

Materials & Relevant Standards

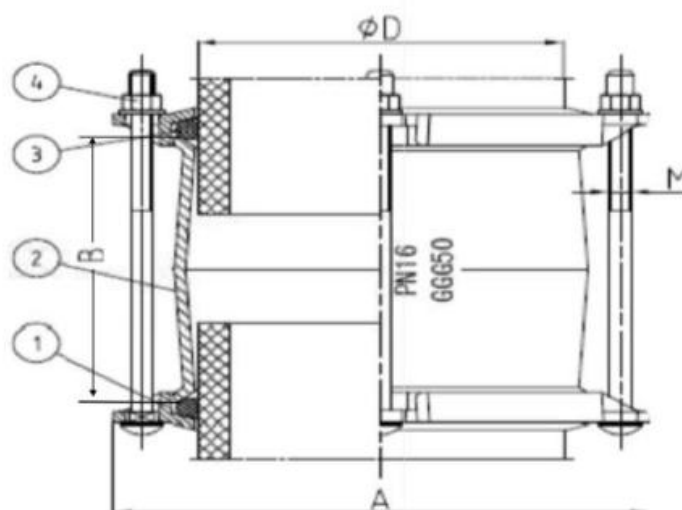
END RING : DUCTILE IRON GGG-50

BODY : DUCTILE IRON GGG-50

GASKET : EPDM / NBR / SBR

BOLTS & NUTS : CARBON STEEL/SS304 / SS316

COATING : EPOXY coating.



Universal Flange Adaptor (long sleeve)

OD50 to OD500 PN10/16

DN	D	L	B(mm)
50	56.5-66.5	180±5	145
65	72.5-82.5	180±5	165
80	88-102	190±5	216
100	108-128	200±5	242
125	139-152	200±5	270
125/150	139-152	210±5	270
150	159-184	220±5	304
175/200	190-204	220±5	325
200	219-238	220±5	360
225/250	245-250	220±5	380
250	273-280	230±5	400
300	315-326	230±5	448

Materials & Relevant Standards

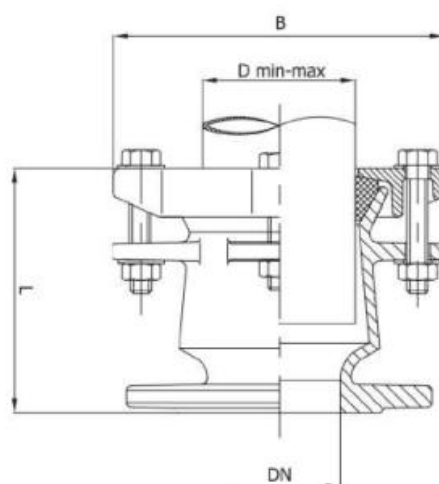
END RING : DUCTILE IRON GGG-50

BODY : DUCTILE IRON GGG-50

GASKET : EPDM / NBR / SBR

BOLTS & NUTS : CARBON STEEL

COATING : EPOXY coating.



Universal dual clamp (UU) OD80 to OD300

DN	D (min-max)	L(mm)	B(mm)
80	88-99	225	219
100	107-119	225	246
150	157-171	225	291
200	219-226	310	352
250	270-276	310	420
300	320-328	310	471

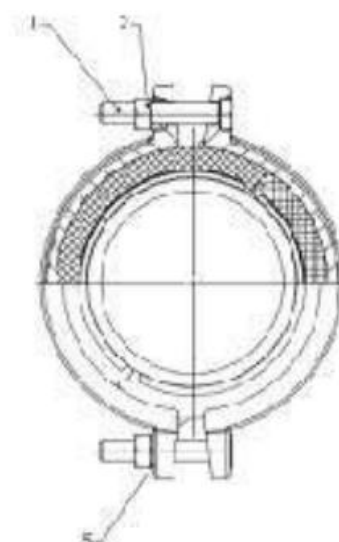
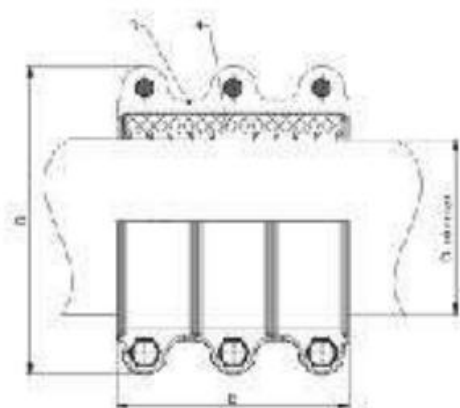
Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50

GASKET : EPDM / NBR / SBR

BOLTS & NUTS : CARBON STEEL(Stainless steel available)

COATING : EPOXY coating.

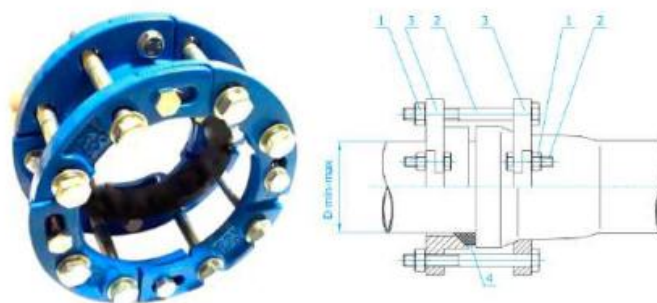


Spigot Joint DN50 to DN600 PN10/16

Size	Range (D min-max)
DN 50	62-68
DN 65	75-84
DN 80	94-100
DN 100	114-120
DN 150	166-173
DN 200	217-224
DN 250	270-276
DN 300	321-328
DN 350	373-380
DN 400	424-431
DN 500	527-534
DN 600	630-638

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 BOLTS&NUTS : Galvanized steel
 GASKET : EPDM / NBR / SBR
 COATING : EPOXY coating.
 ON REQUEST : bolts ,nuts and washers
 -galvanized or stainless steel

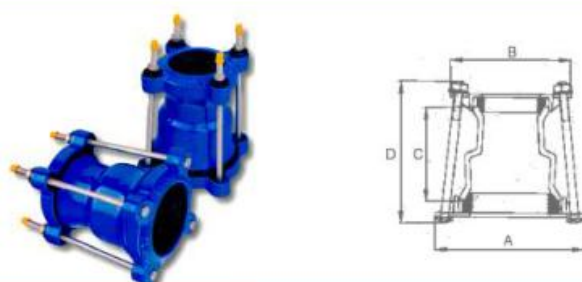


STEP COUPLING DN50 to DN300 PN10/16

OD RANGE 1	OD RANGE 2	A	B	C	D
59-72	72-85	181	168	128	220
72-85	88-103	201	181	128	220
88-103	108-128	208	201	128	220
108-128	138-153	244	228	128	220
159-182	192-210	300	289	128	220
192-210	218-235	335	300	165	220
218-235	250-267	358	335	165	250
250-267	272-289	398	375	165	250
272-289	315-332	415	398	165	250

Materials & Relevant Standards

END RING : DUCTILE IRON GGG-50
 BODY : CARBON STEEL / DUCTILE IRON
 GASKET : EPDM / NBR / SBR
 BOLTS & NUTS : CARBON STEEL
 COATING : EPOXY coating.



Split Collar for PVC and PE pipes

DN50 to DN200 PN10/16

DN	Od	B	PN	L	Bolts
DN50	OD63	144	PN10/16	168	4*M12
DN65	OD75	156	PN10/16	174	4*M12
DN80	OD90	172	PN10/16	178	4*M12
DN100	OD110	193	PN10/16	198	4*M12
DN125	OD125	212	PN10/16	198	4*M12
DN125	OD140	226	PN10/16	220	4*M12
DN150	OD160	250	PN10/16	245	6*M16
DN200	OD200	294	PN10/16	316	6*M16
DN200	OD225	330	PN10/16	350	6*M16

Design Features

For PVC pipes according to EN ISO 1452-2

For PE pipes according to EN 12201, DIN8074 (thin wall PE pipes $\leq$ SDR 17 need support liners)

Restraint connection for two spigot ends. It can also be used as a repair coupling

The teeth of the grip ring do not abrade the pipe. It is not necessary to chamfer the pipe

Also suitable as transition from PVC to PE pipes

Materials & Relevant Standards

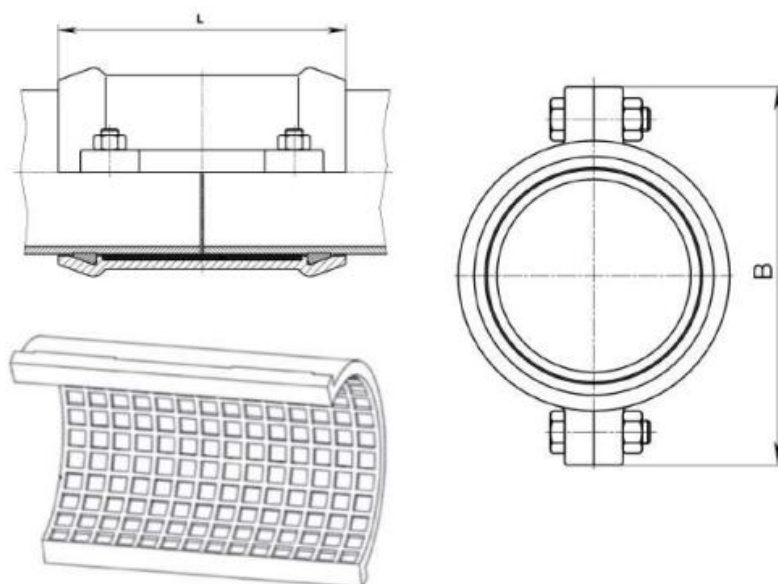
BODY : DUCTILE IRON GGG-50

SEAL : EPDM

GRIP RING : BRASS

BOLTS & NUTS : A2 STAINLESS STEEL

COATING : EPOXY coating.

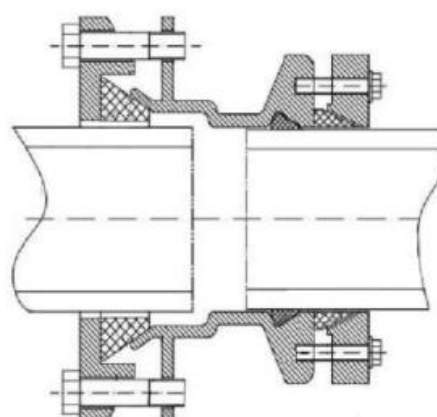


Transitional connecting universal to PE pipe

DN1 OD	DN2	L	Bolts
MM	Dmin- Dmax, MM	MM	
OD63	59-73	175	2*M16
OD90	88-103	175	2*M16
OD110	108-118	175	4*M16
OD160	159-182	220	4*M16
OD200	218-235	265	4*M16
OD225	218-235	265	4*M16
OD250	272-289	300	4*M16
OD315	315-332	300	6*M16

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 SEAL : EPDM
 GRIP RING : BRASS
 BOLTS & NUTS : A2 STAINLESS STEEL
 COATING :EPOXY coating.



Universal Step Coupling DN40 to DN400 PN10/16



AQUA STEP COUPLING is a range of universal straight couplings, step couplings and flange adaptors for cast iron, ductile iron, steel, uPVC and asbestos cement pipes. Step couplings are easy to mount due to the anti-friction coated bolts and nuts and the possibility of up to $\pm 4^\circ$ angular deflection. The stainless steel bolts and nuts and the high quality coating offer a durable corrosion protection.



Standards:

- Designed according to EN 14525



Features:

- $\pm 4^\circ$ angular deflection
- Approved EPDM gasket
- The bolts and nuts are anti-friction coated to offer easy tightening and to prevent galling
- The bolt ends are protected with plastic caps
- The moulded ribs in the gasket absorb minor imperfections in the pipe
- Versatile design tolerances typical 26 mm to cover all pipe materials
- Fusion bonded epoxy coating in compliance with DIN 3476 part 1 and EN 14901, GSK approved.

Materials & Relevant Standards

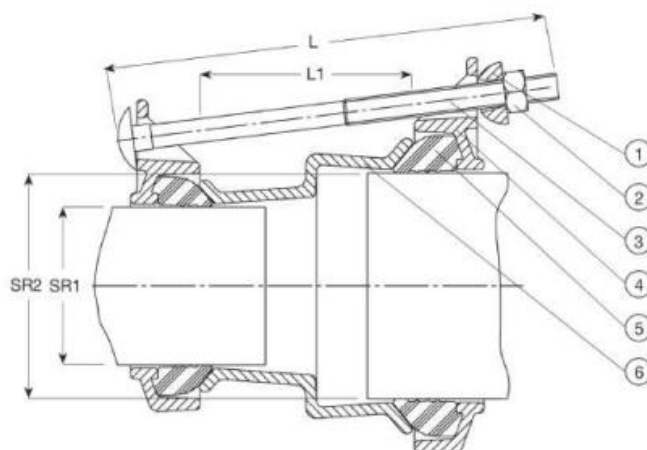
END RING : DUCTILE IRON GGG-50

CENTRE SLEEVE : CARBON STEEL

GASKET : EPDM / NBR / SBR

BOLTS & NUTS : CARBON STEEL/SS304 / SS316

COATING : EPOXY coating.



Universal Step Coupling DN40 to DN400 PN10/16

PVC	Sear range SR1	Sear range SR2	L	L1
DN	mm	mm	mm	mm
40-50	46-76	57-74	210	100
40-65	46-76	63-85	210	100
50-65	57-74	63-85	210	100
50-80	57-74	84-107	210	100
65-80	63-85	84-107	210	100
80-100	84-107	99-119	210	100
100-100	84-107	107-133	210	100
100-100	99-119	107-133	210	100
100-125	99-119	132-159	210	100
100-125	107-133	132-159	210	100
100-150	107-133	157-184	230	115
125-150	132-159	157-184	230	115
150-150	157-184	184-207	230	115
150-200	184-207	206-230	230	115
150-200	184-207	216-246	250	140
200-200	206-230	216-246	250	140
200-225	184-207	242-268	250	140
200-225	216-246	242-268	250	140
225-250	242-268	266-297	270	160
250-250	266-297	280-306	270	160
250-300	266-297	301-327	270	160
300-300	301-327	324-350	270	160
300-350	301-327	345-375	270	160
300-350	324-350	345-375	270	160
350-350	345-375	372-397	270	160
350-350	372-397	386-415	270	160
350-400	386-415	408-436	270	160
400-400	408-436	425-459	270	160

Universal tapping Saddle

DN50 to DN1000 PN10/16

The AQUA Universal Tapping saddle range comprises saddles with stainless steel straps. Bodies are manufactured from EN-GJS-400-15 ductile iron with either epoxy or cataphoresis coating. Bodies are available in small or medium size, which fit with one strap, or large size which fit with 2-4 straps. The small and medium sized heads are available with integrated shutoff by means of a removable stainless steel spatula. The saddles are available with outlets from 1/2" to 3", and the large heads are also available with PN 10/16 flanged outlets.



ADVANTAGEAS

RANGE

Both the body and the gasket fit nine nominal diameters for different pipes

RELIABLE

EPDM gasket to EN681-1, mechanically inserted on Series 1425

SHUTOFF

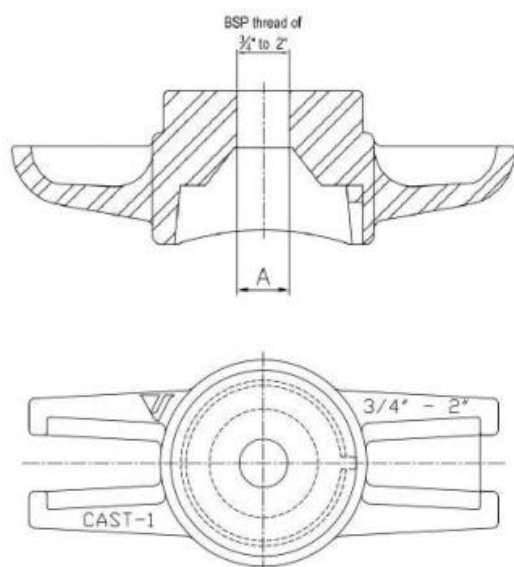
Series 1410 has integrated shutoff with stainless steel spatula

CHARACTERISTICS

The Series 1400 saddles – Made from EN-GJS-400-15 ductile iron and are fixed to the mains pipe by means of stainless steel straps Series 1450. The straps are made from AISI-304 stainless steel, covered in EPDM-65 rubber to protect the pipe. They are fixed to the saddles with M14 stainless steel bolts, nuts and washers (AISI-304). In this way, a small number of heads can be used to cover all pipe dimensions from DN 50 to DN1000.

Saddle gaskets are EPDM to EN681-1, and for the Series 1425 they are mechanically inserted to guarantee watertightness

The saddles – Can be used for all pipe types



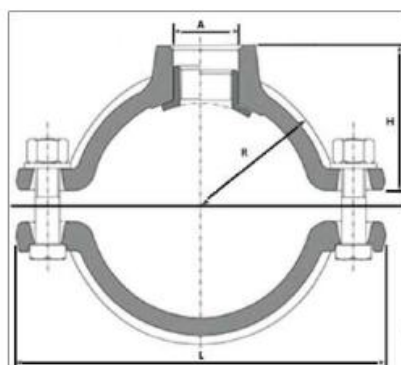
BSP	cota "A"
1/2"	19
3/4"	24.5
1"	31
1 1/4"	39
1 1/2"	39
2"	45



Under pressure tapping collars for ductile iron (except BLUTOP)

Dimensions and mass

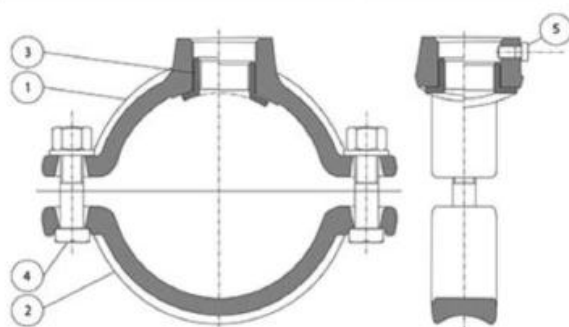
DN	R	H	L	A	
mm	mm	mm	mm	mm	
60	41.5	64.5	160	M40	M55
80	51	72	182	M40	M55
100	61.5	82	204	M40	M55
125	75	97	232	M40	M55
150	87.5	108	260	M40	M55
200	114	133	313	M40	M55
250	140	160	366	M40	M55
300	167	165	420	M40	M55



Under pressure tapping collars for ductile iron mains are in conformity with EN545-2010.

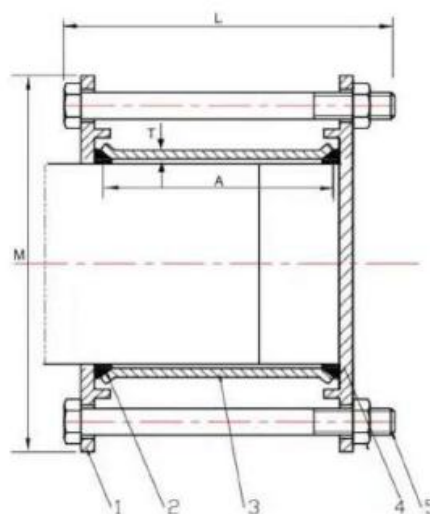
Seal only for under pressure tapping collars for ductile iron pipes

Item	Designation	Material	Coating
1	Upper half collar	Grade 400-15 or 500-7 ductile iron	Epoxy 250 microns thickness
2	Lower half collar	Grade 400-15 or 500-7 ductile iron	
3	Standard type gasket	Elastomer	
4	Screw HM16 x 70/38	Steel Class 6.8	
5	HM 8x16 locking screw	Steel Class 6.8	



Wide Range Endcaps

PN16



SIZE	Size Range		Diameter	Overall Length	Sleeve Length*Thickness	Bolts	Weight
	Min	Max	M	L		No.-Dia*Length	kg
DN80	89	102	195.5	190	95*4.5	4-M12*180	3.5
DN100	110	127	224.5	190	95*4.5	4-M12*180	4.7
DN150	160	180	280.5	190	95*5.0	4-M12*180	6.0

Materials & Relevant Standards

END COVER : DUCTILE IRON GGG-50
 CENTER SLEEVE : CARBON STEEL
 GASKET : EPDM / NBR
 END CAP : DUCTILE IRON GGG-50
 BOLTS & NUTS : CARBON STEEL
 COATING : EPOXY coating.

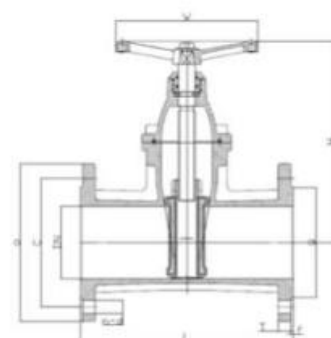
RESILIENT SEATED GATE VALVE DIN3352-F4

DN40 to DN600 PN10/16

DN	L	H	W	O		C		g		f	T	n-d	
				PN10	PN16	PN10	PN16	PN10	PN16			PN10	PN16
40	140	184	160	150		110		84		3	18	4-19	
50	150	195	160	165		125		99		3	19	4-19	
65	170	222	200	185		145		119		3	19	4-19	
80	180	251	200	200		160		133		3	19	8-19	
100	190	282	200	220		180		154		3	19	8-19	
125	200	340	250	250		210		184		3	19	8-19	
150	210	379	250	285		240		210		3	19	8-23	
200	230	461	320	340		295		265		3	20	8-23	12-23
250	250	559	370	405		350	355	319		3	22	12-23	12-28
300	270	639	370	460		400	410	370		4	24.5	12-23	12-28
350	290	762	450	520		460	470	429		4	26.5	16-23	16-28
400	310	836	450	580		515	525	480		4	28	16-28	16-31
450	330	957	640	615	640	565	585	530	548	4	30	20-28	20-31
500	350	1036	640	670	715	620	650	582	609	4	31.5	20-28	20-34
600	390	1188	640	780	840	725	770	682	720	5	36	20-31	20-37

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 BOLTS&NUTS :A2 stainless steel
 GASKET : EPDM EN681-1
 COATING : EPOXY coating.



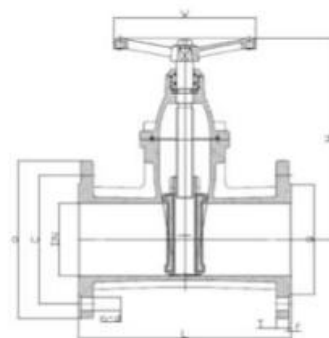
RESILIENT SEATED GATE VALVE DIN3352-F5

DN40 to DN600 PN10/16

DN	L	H	W	O		C		g		f	T	n-d	
				PN10	PN16	PN10	PN16	PN10	PN16			PN10	PN16
40	240	184	160	150		110		84		3	18	4-19	
50	250	195	160	165		125		99		3	19	4-19	
65	270	222	200	185		145		119		3	19	4-19	
80	280	251	200	200		160		133		3	19	8-19	
100	300	282	200	220		180		154		3	19	8-19	
125	325	340	250	250		210		184		3	19	8-19	
150	350	379	250	285		240		210		3	19	8-23	
200	400	461	320	340		295		265		3	20	8-23	12-23
250	450	559	370	405		350	355	319		3	22	12-23	12-28
300	500	639	370	460		400	410	370		4	24.5	12-23	12-28
350	550	762	450	520		460	470	429		4	26.5	16-23	16-28
400	600	836	450	580		515	525	480		4	28	16-28	16-31
450	650	957	640	615	640	565	585	530	548	4	30	20-28	20-31
500	700	1036	640	670	715	620	650	582	609	4	31.5	20-28	20-34
600	800	1188	640	780	840	725	770	682	720	5	36	20-31	20-37

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 BOLTS&NUTS :A2 stainless steel
 GASKET : EPDM EN681-1
 COATING : EPOXY coating.



RESILIENT SEATED GATE VALVE

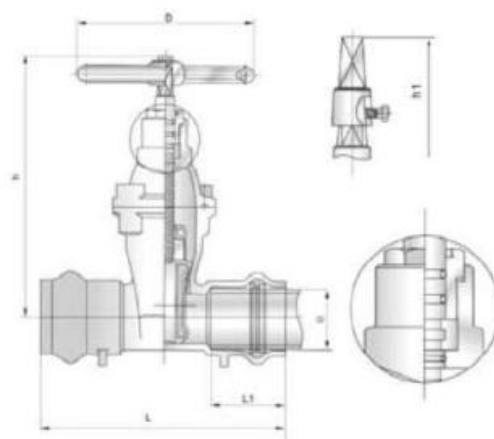
FOR PVC PIPES

DN50 to DN300 PN10/16

DN	OD	OUTLINE				
		L	L1	h	h1	D
50	63	250	77	300	370	180
65	75	270	80	310	380	180
80	90	280	84	350	420	205
100	110	300	88	380	450	240
125	125	325	91	420	490	240
125	140	325	91	420	490	240
150	160	350	94	470	540	280
200	200	400	100	590	660	320
200	225	400	100	590	660	320
250	250	450	125	680	750	360
300	315	500	140	790	860	450

Materials & Relevant Standards

BODY : DUCTILE IRON GGG-50
 BOLTS&NUTS :A2 stainless steel
 GASKET : EPDM EN681-1
 COATING : EPOXY coating.



HOUSE CONNECTION VALVE FF TYPE

PIPES DN 20 - 50
D (BSP) 3/4" 1" 1 1/4" 1 1/2" 2"

BRIEFS

Thread end resilient seat;
Working pressure PN10/16 ;
Maximum temperature -20°C to +80°C;
Suitable for portable water, sewage;

FEATURES

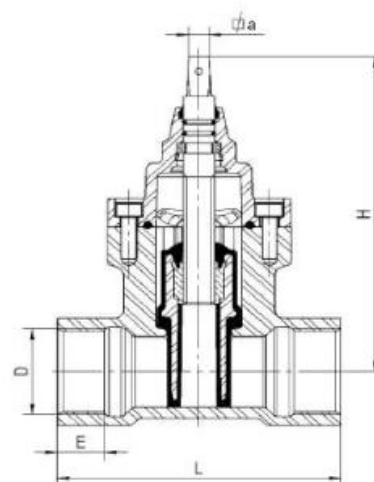
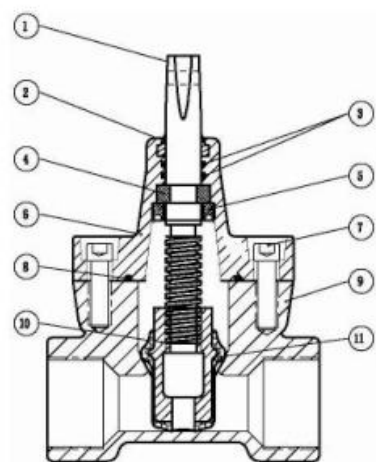
Bi-directional shut off seat ;
Stem seals can be replaceable under pressure

OPTIONS

Above ground or buried service;
Hand wheel ,stem cap, extension;
Various coating;
NPT thread;
DN male thread

NO	REFERENCE	MATERIAL	SANDARE
1	STEM	20Cr13	EN14028
2	DUST PROTECTION	EPDM	EN681
3	O-RINGS	NBR	EN681
4	BUSH	CuZn39Pb2	EN1982
5	BUSH	SS304	
6	BONNET	GGG 400	EN1563
7	BOLTS	STEEL 8.8 ZINCED	
8	GASKET	EPDM	EN681
9	BODY	GGG 400	EN1563
10	WEDGE	BRASS+NBR/EPDM	EN1982, EN681

DN	D(BSP)	L	E	H	
20	3/4"	122	25	160	14
25	1"	122	25	160	14
32	1 1/4"	122	25	160	14
40	1 1/2"	150	30	210	14
50	2"	150	30	210	14



HOUSE CONNECTION VALVE MF TYPE

PIPES DN 20 - 50
D (BSP) 3/4" 1" 1 1/4" 1 1/2" 2"

BRIEFS

Thread end resilient seat;
Working pressure PN10/16 ;
Maximum temperature -20°C to +80°C;
Suitable for portable water, sewage;

FEATURES

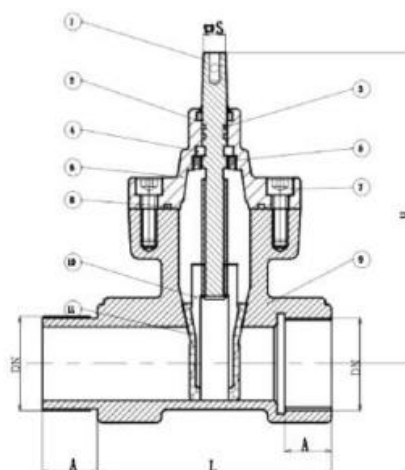
Bi-directional shut off seat ;
Stem seals can be replaceable under pressure

OPTIONS

Above ground or buried service;
Hand wheel ,stem cap, extension;
Various coating;
NPT thread;
DN male thread

NO	REFERENCE	MATERIAL	SANDARE
1	STEM	20Cr13	EN14028
2	DUST PROTECTION	EPDM / PU	EN681
3	O-RINGS	NBR	EN681
4	BUSH	CuZn39Pb2	EN1982
5	BUSH	SS304	
6	BONNET	GGG 400	EN1563
7	BOLTS	STEEL 8.8 ZINCED	
8	GASKET	EPDM/NBR	EN681
9	BODY	GGG 400	EN1563
10	WEDGE	BRASS+NBR/EPDM	EN1982, EN681

DN	D(BSP)	L	E	H	
20	3/4"	122	25	156	14
25	1"	122	25	156	14
32	1 1/4"	122	25	156	14
40	1 1/2"	150	35	199	14
50	2"	150	35	199	14

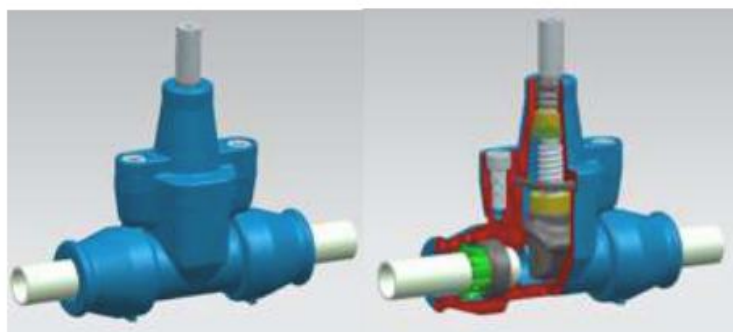
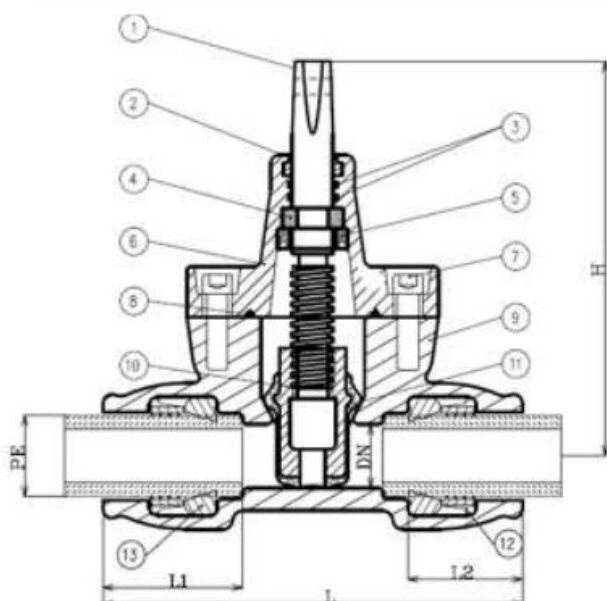


ISO-fitting service valve DN20 to DN50 PN10/16

Code No:AQF-V02

Size	PE	L	L1	L2	H
DN 20	25	165	55	45	156
DN 25	32	165	55	45	156
DN 32	40	240	74	62	199
DN 40	50	240	74	62	199
DN 50	63	280	90	77	199

No	REFERENCE	MATERIAL	STANDARD
1	STEM	SS304	EN14028
2	DUST PROTECTION	EPDM	EN681
3	O-RINGS	NBR	EN681
4	BUSH	CuZn39Pb2	EN1982
5	BUSH	SS304	
6	BONNET	GIS-400-15	EN1563
7	BOLTS	STEEL 8.8 ZINCED	
8	GASKET	EPDM	EN681
9	BODY	GIS-400-15	EN1563
10	WEDGE	BRASS+NBR/EPDM	EN1982 EN681
11			
12	GASKET	EPDM	EN681
13	GRIP RING	POM	



Surface Box

TYPE	A	D	B	C	MASS	REFERENCE		
Sidewalk	160	89	102	150	3.5	round	square	hexagonal
Street	160	90	102	200	4.6	round	square	hexagonal

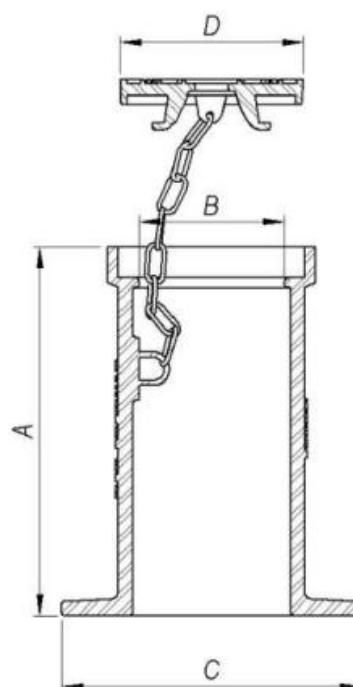


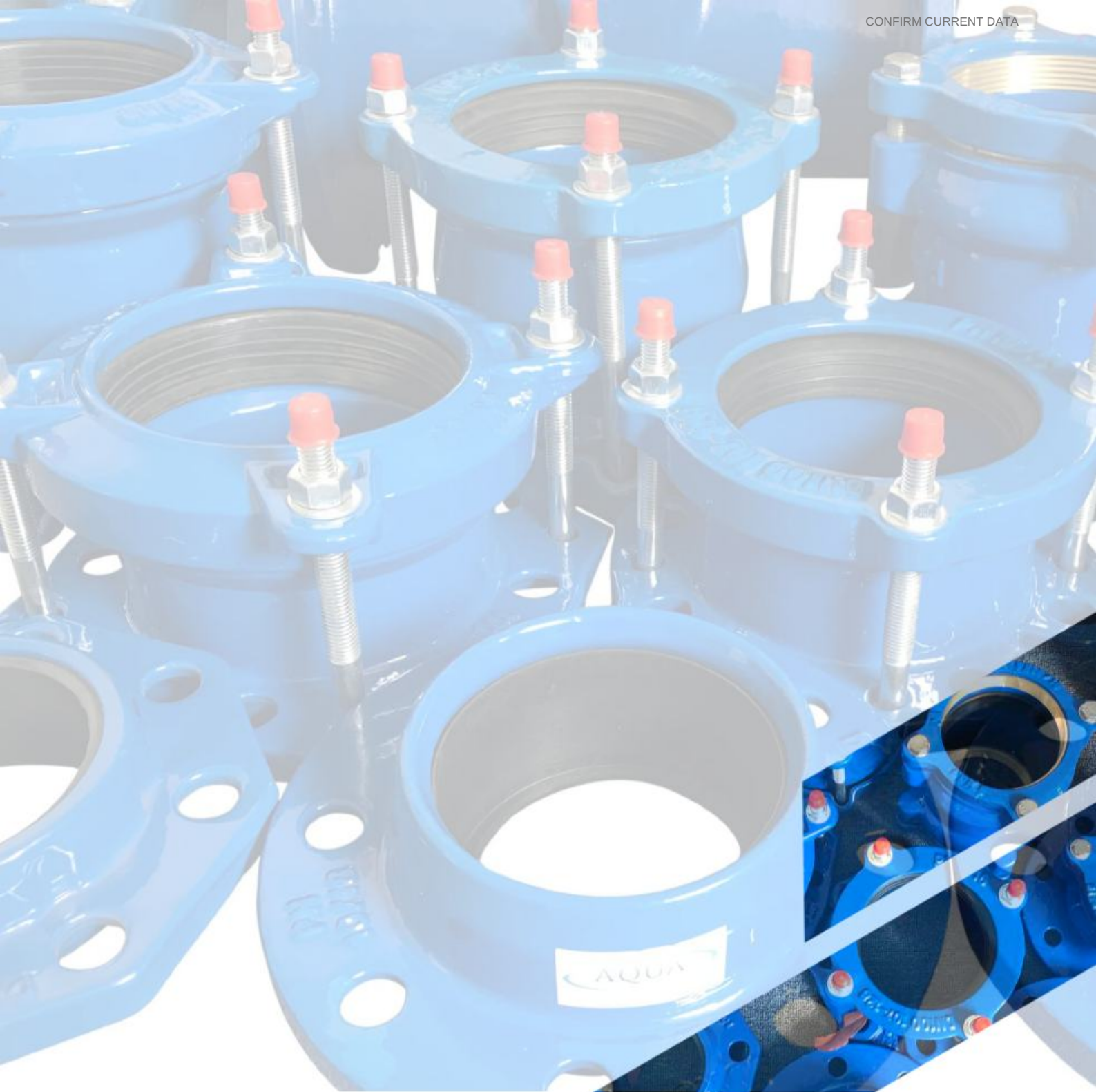
Other lid versions and options (shape and chain) are available, please contact us for details.

Two versions are available: "Sidewalks and streets". The base of the "street" version offers a wide bearing surface for enhanced stability under traffic loads.

Surface boxes with "water" badging have a hook-opener type lid with no through hole, chainless*

BODY : DUCTILE IRON GGG-50
EN-GJS-500-7





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WRAS
 Water Regulations Advisory Scheme

