



ÜRÜN KATALOĞU



kalite anlayış serüvenimiz;
üretimin başından
sonuna kadar

teknolojiyi takip ederek
bir adım önde
olmayı ilke edindik

UYAN VANA, sektörde 39. Yılıni geride bırakmanın verdiği gurur ve tecrübe ile teknolojinin gereklerini yerine getirerek, müşterilerine kaliteli ürünler sunmaya devam etmektedir. 1979 yılında “UYAN TİCARET “ İsmi ile başlayan başarı serüveni, bugün 20.000 M2’lik fabrikasında “UYAN VANA” ismi ile devam etmektedir.

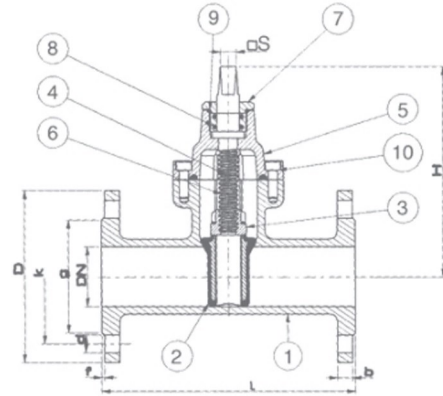
UYAN VANA, dışarıya bağımlı kalmadan bütün mamul ve yarı mamullerini kendi bünyesinde üretmekte ve vana imalatında son teknolojik makinalar kullanmaktadır. Dökümlerini de yine kendi bünyesinde, otomatik kalıplama hatlarında yapmakta ve tam donanımlı bir laboratuvar da gerekli testlerden geçirmektedir.

Kuruluşundan buyana kalite çıtasını en yüksekte tutan “UYAN VANA” ülke gelişimine paralel olarak artan talepleri karşılamak için ürün çeşidini ve kapasitesini hep kaliteli ürün ekseninde genişletmiştir.

Teknolojideki ilerlemeyi sürekli takip eden ve alanında her zaman bir adım önde olmayı ilke edinen “UYAN VANA” geride bıraktığı tecrübe yıllarına yaslanarak, sektöründe kalite ile birlikte anılan marka hedefini gerçekleştirmenin gururunu yaşamaktadır.



Elastomer Vana F5

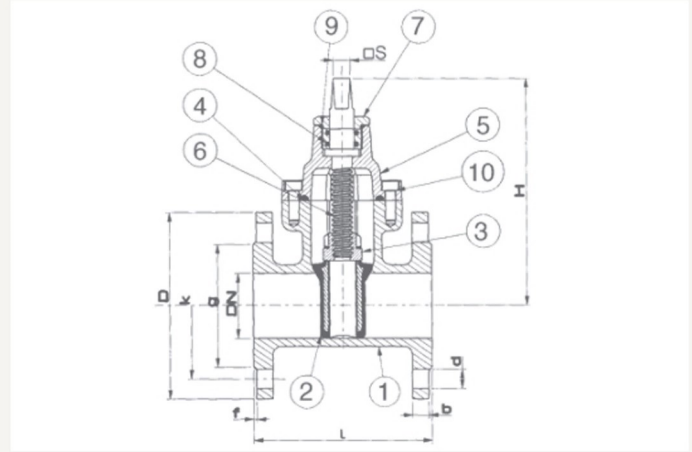


NO	PARÇA ADI	MALZEME
1	GÖVDE	EN GJS 400-15
2	SÜRGÜ	EN GJS 400-15/EPDM
3	ALT SOMUN	Ms 58
4	CONTA	EPDM
5	KAPAK	EN GJS 400-15
6	MİL	X20 Cr 13
7	ÜST SOMUN	Ms 58
8	ORING	EPDM
9	ORING	EPDM
10	CİVATA	8.8

PN 10									PN 16					
DN	L	H	ØD	Øk	Øg	f	b	ØdxAd	ØD	Øk	Øg	f	b	ØdxAd.
50	250	232	165	125	102	3	16	19x4	165	125	102	3	16	19x4
65	270	237	185	145	122	3	16	19x4	185	145	122	3	16	19x4
80	280	270	200	160	138	3	16	19x8	200	160	138	3	16	19x8
100	300	295	220	180	158	3	16	19x8	220	180	158	3	16	19x8
125	325	310	250	210	188	3	16	19x8	250	210	188	3	16	19x8
150	350	325	285	240	212	3	16	23x8	285	240	212	3	16	23x8
200	400	355	340	295	268	3	17	23x8	340	295	268	3	17	28x12
250	450	443	395	350	320	3	19	23x12	405	355	320	3	19	28x12
300	500	773	445	400	370	4	21	23x12	460	410	378	4	21	28x12

BOYUTLAR :	3202 F5
BAĞLANTILAR :	DIN 2533 - ISO 7005/ 2
ÇALIŞMA SICAKLIĞI :	-10 oC +70 oC
ANMA BASINCI :	PN 10 / 16/ 25
MALZEME :	EN GJS 400-15

Elastomer Vana F4

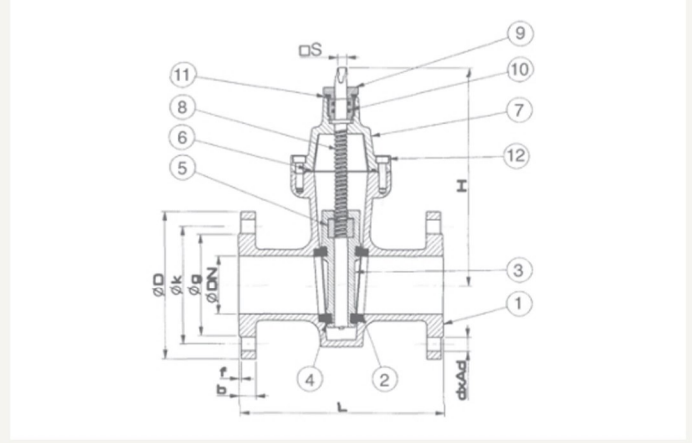


NO	PARÇA ADI	MALZEME
1	GÖVDE	EN GJS 400-15
2	SÜRGÜ	EN GJS 400-15/EPDM
3	ALT SOMUN	Ms 58
4	CONTA	EPDM
5	KAPAK	EN GJS 400-15
6	MİL	X20 Cr 13
7	ÜST SOMUN	Ms 58
8	ORING	EPDM
9	ORING	EPDM
10	CİVATA	8.8

PN 10									PN 16					
DN	L	H	ØD	Øk	Øg	f	b	ØdxAd	ØD	Øk	Øg	f	b	ØdxAd.
50	150	232	165	125	102	3	16	19x4	165	125	102	3	16	19x4
65	170	237	185	145	122	3	16	19x4	185	145	122	3	16	19x4
80	180	270	200	160	138	3	16	19x8	200	160	138	3	16	19x8
100	190	295	220	180	158	3	16	19x8	220	180	158	3	16	19x8
125	200	310	250	210	188	3	16	19x8	250	210	188	3	16	19x8
150	210	325	285	240	212	3	16	23x8	285	240	212	3	16	23x8
200	230	355	340	295	268	3	17	23x8	340	295	268	3	17	23x12
250	250	445	395	350	320	3	19	23x12	405	355	320	3	19	28x12
300	270	773	445	400	370	4	21	23x12	460	410	378	4	21	28x12

BOYUTLAR :	3202 F4
BAĞLANTILAR:	DIN 2533 - ISO 7005/ 2
ÇALIŞMA SICAKLIĞI :	-10 °C +70 °C
ANMA BASINCI :	PN 10 / 16/ 25
MALZEME :	EN GJS 400-15

Sürgülü Vana F5

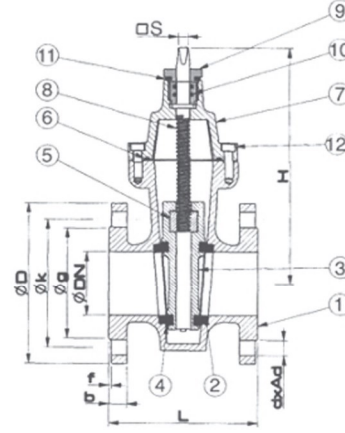


NO	PARÇA ADI	MALZEME
1	GÖVDE	GG 25/EN GJS 400-15
2	GÖVDE BURCU	Ms 58
3	SÜRGÜ	GG 25/EN GJS 400-15
4	SÜRGÜ BURCU	Ms 58
5	ALT SOMUN	Ms 58
6	CONTA	EPDM
7	KAPAK	GG 25/EN GJS 400/15
8	MİL	X20 Cr13/Ms58
9	ÜST SOMUN	Ms 58
10	ORING	EPDM
11	ORING	EPDM
12	CİVATA	8.8

			PN 10						PN 16					
DN	L	H	ØD	Øk	Øg	f	b	ØdxAd	ØD	Øk	Øg	f	b	ØdxAd.
50	250	218	165	125	102	3	20	18x4	165	125	102	3	20	18x4
65	270	258	185	145	122	3	20	18x4	185	145	122	3	20	18x4
80	280	265	200	160	138	3	22	18x8	200	160	138	3	22	18x8
100	300	395	220	180	158	3	24	18x8	220	180	158	3	24	18x8
125	325	345	250	210	188	3	26	18x8	250	210	188	3	26	18x8
150	350	408	285	240	212	3	26	22x8	285	240	212	3	26	22x8
200	400	500	340	295	268	3	26	22x8	340	295	268	3	30	22x12
250	450	603	395	350	320	3	28	22x12	405	355	320	3	32	26x12
300	500	628	445	400	370	4	28	22x12	460	410	378	4	32	26x12
350	550	723	505	460	430	4	30	22x16	520	470	438	4	36	26x16

BOYUTLAR :	3202 F5
BAĞLANTILAR :	DIN 2533 - ISO 7005/ 2
ÇALIŞMA SICAKLIĞI :	-10 °C +120 °C
ANMA BASINCI :	PN 10 / 16/ 25
MALZEME :	PN 10/ 16 - GG 25/EN GJS 400-15 PN 25 EN GJS 400-15

Sürgülü Vana F4

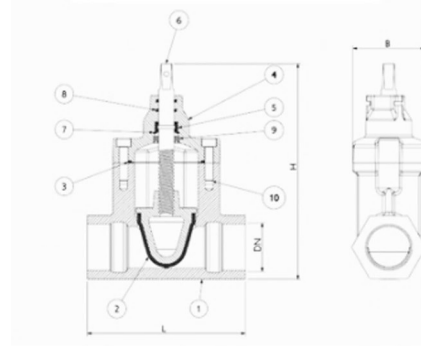


NO	PARÇA ADI	MALZEME
1	GÖVDE	GG 25/EN GJS 400-15
2	GÖVDE BURCU	Ms 58
3	SÜRGÜ	GG 25/EN GJS 400-15
4	SÜRGÜ BURCU	Ms 58
5	ALT SOMUN	Ms 58
6	CONTA	EPDM
7	KAPAK	GG 25/EN GJS 400-15
8	MİL	X20 Cr13/Ms58
9	ÜST SOMUN	Ms 58
10	ORING	EPDM
11	ORING	EPDM
12	CİVATA	8.8

			PN 10						PN 16					
DN	L	H	ØD	Øk	Øg	f	b	ØdxAd	ØD	Øk	Øg	f	b	ØdxAd.
50	150	208	165	125	102	3	20	18x4	165	125	102	3	20	18x4
65	170	258	185	145	122	3	20	18x4	185	145	122	3	20	18x4
80	180	280	200	160	138	3	22	18x8	200	160	138	3	22	18x8
100	190	320	220	180	158	3	24	18x8	220	180	158	3	24	18x8
125	200	340	250	210	188	3	26	18x8	250	210	188	3	26	18x8
150	210	388	285	240	212	3	26	22x8	285	240	212	3	26	22x8
200	230	525	340	295	268	3	26	22x8	340	295	268	3	30	22x12
250	250	583	395	350	320	3	28	22x12	405	355	320	3	32	26x12
300	270	638	445	400	370	4	28	22x12	460	410	378	4	32	26x12
350	290	723	505	460	430	4	30	22x16	520	470	438	4	36	26x16

BOYUTLAR :	3202 F4
BAĞLANTILAR :	DIN 2533 - ISO 7005/ 2
ÇALIŞMA SICAKLIĞI :	-10 °C +120 °C
ANMA BASINCI :	PN 10 / 16/ 25
MALZEME :	PN 10/ 16-GG 25/EN GJS 400-15 PN 25 EN GJS 400-15

Elastomer Servis Vanası

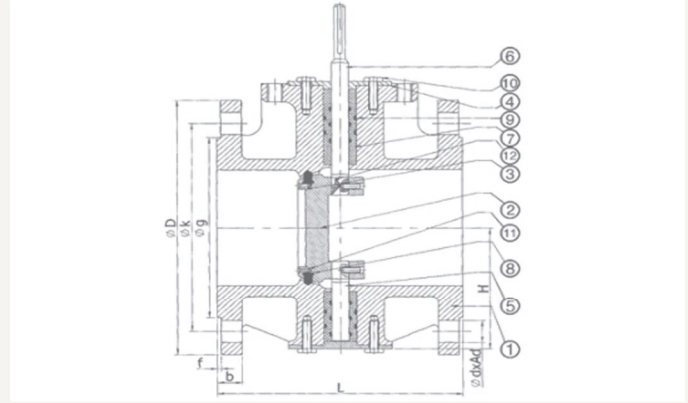


NO	PARÇA ADI	MALZEME
1	GÖVDE	EN GJS 400-15
2	SÜRGÜ	Ms 58 / EPDM
3	CONTA	EPDM
4	KAPAK	EN GJS 400-15
5	ÜST SOMUN	Ms 58 / EPDM
6	MİL	X20 Cr 13
7	SEGMAN	ÇELİK
8	ORING	EPDM
9	KEÇE	EPDM
10	CİVATA	8.8

PN 16

DN		L	H	B
3/4 "	25	115	202	70
1 "	32	115	202	70
1 1/4"	40	152	208	70
1 1/2"	50	152	208	70
2 "	63	185	255	85

Kelebek Vana

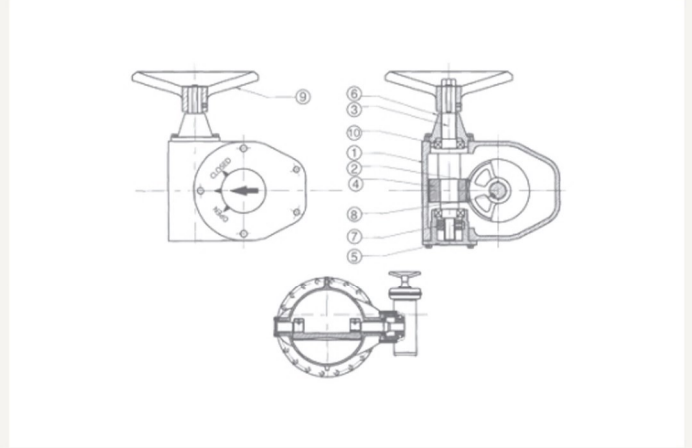


	PARÇA ADI	MALZEME
1	GÖVDE	EN GJS 400-15
2	KLAPE	EN GJS 400-15
3	BASKI ÇEMBERİ	St 37
4	KAPAK	EN GJS 400-15
5	MİL	X20 Cr 13
6	TAHRİK MİLİ	X20 Cr 13
7	YATAK BURCU	DELIRIN
8	SIZDIRMAZLIK RİNGİ	EPDM
9	ORING	NBR
10	CIVATA	8.8
11	CIVATA	8.8
12	KAMA	Ç1040

		L	PN 10						PN 16					
DN	H	DIN 3222 F4	ØD	Øk	Øg	f	b	ØdxAd.	ØD	Øk	Øg	f	b	ØdxAd.
100	105	190	220	180	156	3	19	19x8	220	180	156	3	19	19x8
125	117	200	250	210	184	3	19	19x8	250	210	184	3	19	19x8
150	128	210	285	240	211	3	19	23x8	285	240	211	3	19	23x8
200	157	230	340	295	266	3	20	23x8	340	295	266	3	20	23x12
250	213	250	400	350	319	3	22	23x12	400	355	319	3	22	28x12
300	242	270	455	400	370	4	24.5	23x12	455	410	370	4	24.5	28x12
350	273	290	505	460	429	4	24.5	23x16	520	470	429	4	26.5	28x16
400	299	310	565	515	480	4	24.5	28x16	580	525	480	4	28	31x16
450	335	330	615	565	530	4	25.5	28x20	640	585	548	4	30	31x20
500	355	350	670	620	582	4	26.5	28x20	715	650	609	4	31.5	34x20
600	430	390	780	725	682	5	30	31x20	840	770	720	5	36	37x20
700	465	430	895	840	794	5	32.5	31x24	910	840	794	5	39.5	37x24
800	521	470	1015	950	901	5	35	34x24	1025	950	901	5	43	40x24
900	576	510	1115	1050	1001	5	37.5	34x28	1125	1050	1001	5	46.5	40x28
1000	650	550	1230	1160	1112	5	40	37x28	1255	1170	1112	5	50	43x28

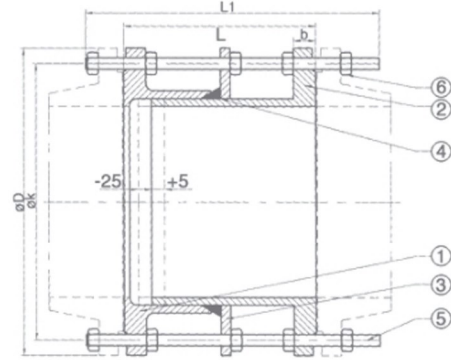
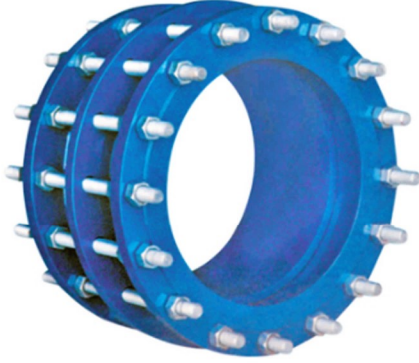
BOYUTLAR :	3202 F4
BAĞLANTILAR :	DIN 2533 - ISO 7005/ 2
ÇALIŞMA SICAKLIĞI :	-10 °C +70 °C
ANMA BASINCI :	PN 10 / 16/ 25
MALZEME :	EN GJS 400-15

Sonsuz Vida Tahrik Kutusu



	PARA ADI	MALZEME
1	GOVDE	GG 25
2	BALTA DİŐLİ	EN GJS 500-7
3	SONSUZ VİDA MİLİ	 1040
4	VİDA	 1040
5	AYARLI KAPAK	GG 25
6	ÜST KAPAK	EN GJS 500-7
7	LİMİT SOMUNU	 1040
8	KAMA	 1040
9	VOLAN	GG 25
10	RULMAN	

Demontaj Parçası

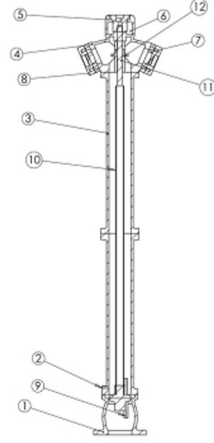


	PARÇA ADI	MALZEME
1	KISA FLANŞ	EN GJS 400-15
2	UZUN FLANŞ	EN GJS 400-15
3	ARA FLANŞ	EN GJS 400-15
4	SIZDIRMAZLIK RİNGİ	EPDM
5	SAPLAMA	STEEL(GVZ)
6	SOMUN	STEEL(GVZ)

	PN 10					PN 16				
DN	ØD	Øk	L	L1	b	ØD	Øk	L	L1	b
100	220	180	195	305	19	220	180	195	305	19
125	250	210	195	305	19	250	210	195	305	19
150	285	240	200	305	19	285	240	200	305	19
200	340	295	205	325	20	340	295	205	325	20
250	400	350	230	355	22	405	355	230	355	22
300	445	400	250	410	24.5	460	410	250	410	24.5
350	505	460	260	410	24.5	520	470	260	410	26.5
400	565	515	260	430	24.5	580	525	260	430	28
500	670	620	270	460	26.5	715	650	270	460	31.5
600	780	725	290	490	30	840	770	290	490	36
700	895	840	300	450	32.5	910	840	300	480	39.5
800	1015	950	290	470	35	1025	950	290	470	43
1000	1230	1160	340	530	40	1255	1170	340	530	50

BOYUTLAR :	3202 F4
BAĞLANTILAR :	DİN 2533 - ISO 7005/ 2
ÇALIŞMA SICAKLIĞI :	-10 oC +70 oC
ANMA BASINCI :	PN 10 / 16/ 25
MALZEME :	EN GJS 400-15

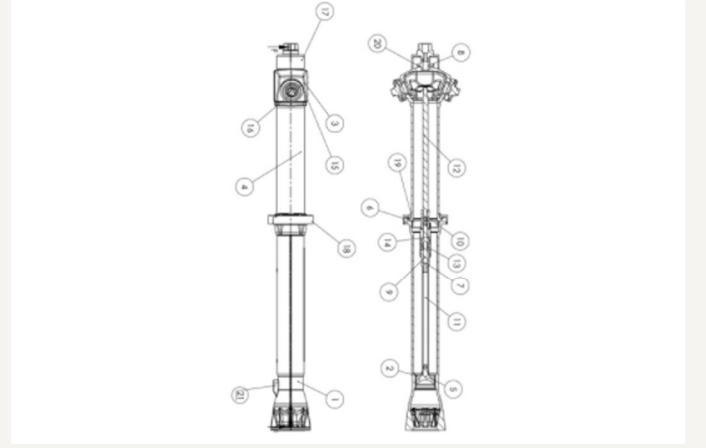
Yer Üstü Yangın Hidrantı



	PARÇA ADI				MALZEME					
1	ALT GÖVDE				EN GJS 400-15					
2	TAHLİYE SİBOBU				MS 58					
3	ORTA GÖVDE				EN GJS 400-15					
4	ÜST GÖVDE				EN GJS 400-15					
5	KAPAK				EN GJS 400-15					
6	KİLİT ANAHTAR				EN GJS 400-15					
7	KAPLİN				ALÜMİNYUM					
8	KAPAK				ALÜMİNYUM					
9	KLAPE				EN GJS 400 -15 +EPDM					
10	HAREKET BORUSU				X5CrNi 88					
11	MİL				X20Cr1 3					
12	SOMUN				MS 58					

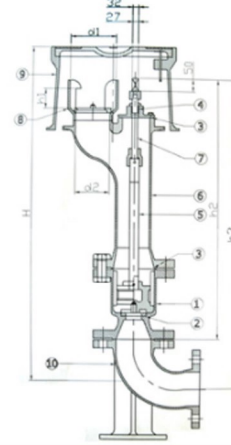
Nominal Çap	H1	H2	H3	D	K	d	b	Delik Sayısı	Ağırlık
80	940	630	1750	200	160	18	20	8	80
100	1050	710	2150	220	180	18	22	8	105

Yerüstü Yangın Hidrantı



	PARÇA ADI	MALZEME
1	Alt gövde	EN GJS 400-15
2	Sızdırmazlık yatağı	MS 58
3	Ust gövde	EN GJS 400-15
4	Orta gövde	EN GJS 400-15
5	Klape	EN GJS 400-15/EPDM
6	Sabitleme Borusu	EN GJS 400-15
7	Hareket Kelebeği	EN GJS 400-15
8	Üst Baskı	MS 58
9	Hareket Mili	X20Cr13
10	Yıldız	EN GJS 400-15
11	Uzatma Borusu	304 PASLANMAZ
12	Uzatma Mili	X20Cr13-PASLANMAZ
13	Hareket Somunu	MS 58
14	Sabitleme Kelebeği	EN GJS 400-15
15	Kaplin Gövdesi	ALÜMİNYUM
16	Kaplin Kapağı	ALÜMİNYUM
17	Ust Kapak	ALÜMİNYUM
18	Hareketli Sıkma flans	EN GJS 400-15
19	Civata	304 L PASLANMAZ
20	Vantuz	PVC
21	Sibop+Pvc Kapak	304 PASLANMAZ+PVC

Yeraltı Yangın Hidrantı

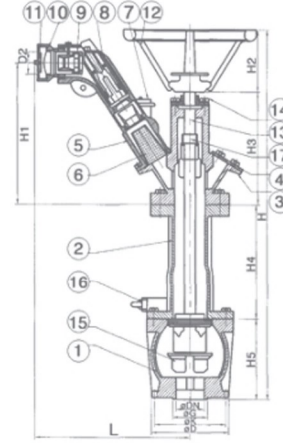


NO	PARÇA ADI	MALZEME
1	ALT GÖVDE	EN GJS 400-15
2	BURÇ	Ms 58
3	CONTALAR	EPDM
4	ORINGLER	EPDM
5	HAREKET BORUSU	ST -37
6	ÜST GÖVDE	EN GJS 400-15
7	MİL	Ms 58
8	KAPAK	EN GJS 400-15
9	KAZAN	EN GJS 400-15
10	FLANŞLI DİRSEK 90°	EN GJS 400-15

DN	d1	d2	H	h1	h2	h3
80	110	75	1000	50	750	1015
100	145	112	1000	60	750	1035

BOYUTLAR :	TS 2821
BAĞLANTILAR :	DIN 2533 - ISO 7005/ 2
ÇALIŞMA SICAKLIĞI :	-10 °C +120 °C
ANMA BASINCI :	PN 16
MALZEME :	EN GJS 400-15

Sulama Hidrantı

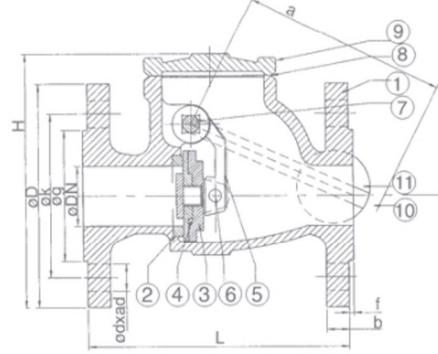


NO	PARÇA ADI	MALZEME
1	FLANŞLI ALT GÖVDE	EN GJS 400-15
2	DONA KARŞI KORUMA GÖVDESİ	EN GJS 400-15
3	NOZZLE BAĞLANTI GÖVDESİ	EN GJS 400-15
4	KÖR FLANŞ	EN GJS 400-15
5	NOZZLE (ALMAÇ)	EN GJS 400-15
6	AKIS DÜZENLEYİCİ (MODÜLATÖR)	PVC
7	SAYAÇ (ÖLÇME SAYACI)	PVC
8	BASINÇ REGÜLATÖRÜ	CuZn40Pb2
9	DEBİ LİMİTÖRÜ	CuZn40Pb2
10	KURTAĞZI KAPLIN	CuZn40Pb2
11	KAPAMA PARÇASI	CuZn40Pb2
12	AÇMA-KAPAMA VOLANI	EN GJS 400-15
13	KONTROL MİLİ	X30Cr13
14	KONTROL MİLİ DURDURUCU	CuZn40Pb2
15	VANA	CuZn40Pb2
16	TAHLİYE SİBOBU	CuZn40Pb2
17	SOMUN	CuZn40Pb2

DN	H	H1	H2	H3	H4	H5	G	K	D	D2	L
100	964	320	91	322	328	225	158	180	220	65	390

BAĞLANTILAR :	ISO 7005/2
ÇALIŞMA SICAKLIĞI :	-10 °C +70 °C
ANMA BASINCI :	PN 16
MALZEME :	EN GJS 400-15

Çalpara Çek Valf

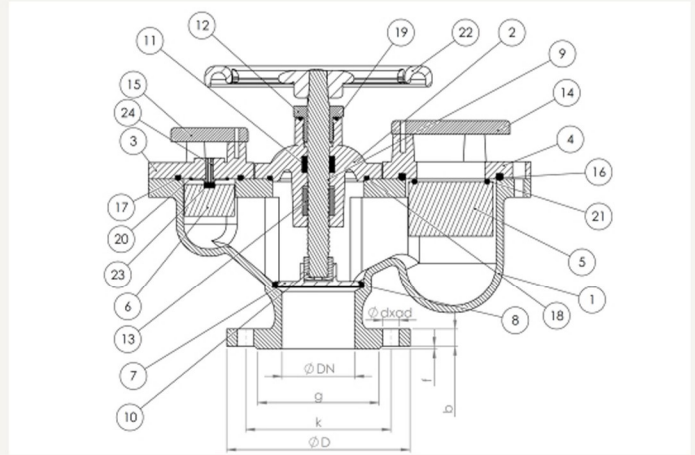


NO	PARÇA ADI	MALZEME
1	GÖVDE	EN GJS 400-15
2	GÖVDE BURCU	Ms 58/304
3	KLAPE	EN GJS 400-15
4	CONTA	EPDM
5	KOL	EN GJS 400-15
6	PİM	304
7	MİL	304
8	CONTA	EPDM
9	KAPAK	EN GJS 400-15
10	AĞIRLIK KOLU	EN GJS 400-15
11	K.AĞIRLIĞI	EN GJS 400-15

				PN 10						PN 16					
DN	L	H	a	ØD	Øk	Øg	f	b	ØdxAd	ØD	Øk	Øg	f	b	ØdxAd.
50	200	180	200	165	125	102	3	20	18x4	165	125	102	3	22	18x4
65	240	200	300	185	145	122	3	20	18x4	185	145	122	3	24	18x8
80	260	235	300	200	160	138	3	22	18x8	200	160	138	3	26	18x8
100	300	265	305	220	180	158	3	24	18x8	235	190	162	3	26	22x8
125	350	295	400	250	210	188	3	26	18x8	270	220	188	3	28	26x8
150	400	320	400	285	240	212	3	26	22x8	300	250	218	3	30	26x8
200	500	440	485	340	295	268	3	30	22x12	360	310	278	3	34	26x12

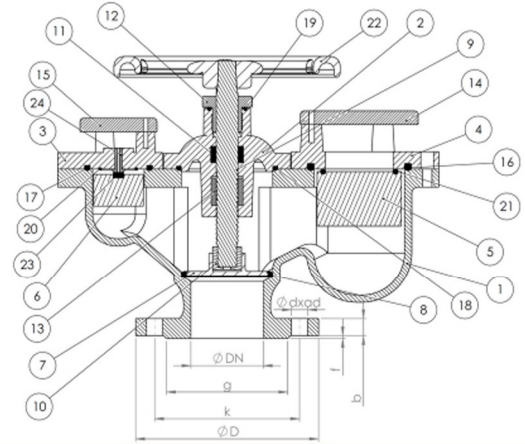
BOYUTLAR :	3202 F6
BAĞLANTILAR :	DIN 2533 - ISO 7005/ 2
ÇALIŞMA SICAKLIĞI :	-10 °C +120 °C
ANMA BASINCI :	PN 10 /16/ 25
MALZEME :	PN 16 EN GJS 400-15 PN 25 EN GJS 400-15

Vantuz (Çift Küreli)



NO:	PARÇA NUMARASI	TANIM
1	GÖVDE	EN GJS 400-15
2	ORTA KAPAK	EN GJS 400-15
3	KÜÇÜK FLANŞ	EN GJS 400-15
4	BÜYÜK FLANŞ	EN GJS 400-15
5	BÜYÜK PLASTİK PİSTON	PE
6	KÜÇÜK PLASTİK PİSTON	PE
7	KLEPE	EN GJS 400-15
8	KLEPE CONTASI	EPDM
9	MİL	X20Cr13
10	BURÇ	MS 58
11	TOZ KEÇESİ	EPDM
12	SARI RAKOR	MS 58
13	SARI YATAK	MS 58
14	BÜYÜK KAPAK	EN GJS 400-15
15	KÜÇÜK KAPAK	EN GJS 400-15
16	BÜYÜK KAPAK ORİNG	EPDM
17	KÜÇÜK KAPAK ORİNG	EPDM
18	KAPAK ORİNG ORTA	EPDM
19	KÜÇÜK ÜST ORİNG	EPDM
20	KÜÇÜK ORİNG	EPDM
21	BÜYÜK ORİNG	EPDM
22	VOLAN	EN GJS 400-15
23	KAUCUK TAKOZ	EPDM
24	SİBOP	MS 58

Vantuz (Çift Küreli)

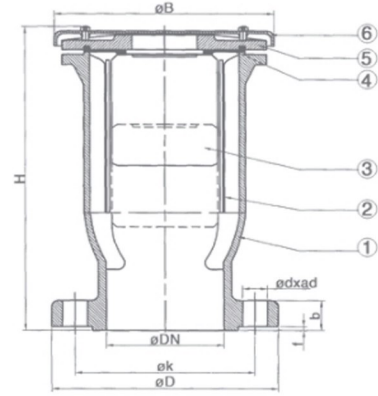


PN 16

DN	d1	H	L	B	ØD	Øk	Øg	f	b	ØdxAd.
50	200	315	484	160	165	125	102	3	20	18x4
65	200	315	484	160	185	145	122	3	20	18x4
80	200	315	484	160	200	160	138	3	22	18x8
100	250	400	563	250	220	180	158	3	24	18x8
125	250	400	563	250	250	210	188	3	26	18x8
150	315	410	670	312	285	240	212	3	26	22x8
200	315	410	670	312	340	295	268	3	30	22x12
250	400	615	915	312	405	355	320	3	32	26x12

BOYUTLAR :	3202 F4
BAĞLANTILAR :	DIN 2533 - ISO 7005/ 2
ÇALIŞMA SICAKLIĞI :	-10 °C +120 °C
ANMA BASINCI :	PN 10 / 16/ 25
MALZEME :	PN 10 / 16 - EN GJS 400-15 PN 25 - EN GJS 400-15

Vantuz (Tek Küreli)



NO	PARÇA ADI	MALZEME
1	GÖVDE	EN GJS 400-15
2	LATERNA	PVC
3	SİLİNDİR	POLYETHYLEN
4	RING	EPDM
5	SİLİNDİR KAPAGI	EN GJS 400-15
6	TOZ KAPAĞI	EN GJS 400-15

PN 10

DN	H	B	ØD	Øk	Øg	f	b	ØdxAd.
50	230	160	165	125	102	3	20	18x4
65	235	160	185	145	122	3	20	18x4
80	235	255	200	160	138	3	22	18x8
100	265	255	220	180	158	3	24	18x8
125	345	299	250	210	188	3	26	18x8
150	345	299	285	240	212	3	26	22x8
200	345	299	340	295	268	3	30	22x8

PN 16

DN	H	B	ØD	Øk	Øg	f	b	ØdxAd.
50	230	160	165	125	102	3	20	18x4
65	235	160	185	145	122	3	20	18x4
80	235	255	200	160	138	3	22	18x8
100	265	255	220	180	158	3	24	18x8
125	345	299	250	210	188	3	26	18x8
150	345	299	285	240	212	3	26	22x8
200	345	299	340	295	268	3	30	22x12

BOYUTLAR :

3202 F4

BAĞLANTILAR :

DIN 2532 - 2533 - ISO 7005/ 2

ÇALIŞMA SICAKLIĞI :

-10 °C +120 °C

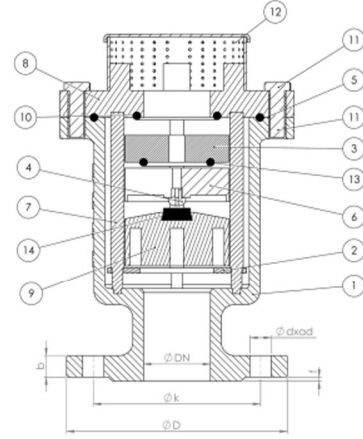
ANMA BASINCI :

PN 10 / 16/ 25

MALZEME :

PN 10 / 16 - EN GJS 400-15
PN 25 - EN GJS 400-15

Darbesiz Dinamik Vantuz



PARÇA		MALZEME
1	Gövde	EN GJS 400-15
2	İç Çember	304 PASLANMAZ
3	Üst PE	PE
4	Sibop	MS 58
5	Oring	EPDM
6	Orta PE	PE
7	Saplama	304 PASLANMAZ
8	Kapak	EN GJS 400-15
9	Alt PE	PE
10	Oring	EPDM
11	Civata	8.8
12	Sac Kapak	304 PASLANMAZ
13	Oring	EPDM
14	Takoz	EPDM

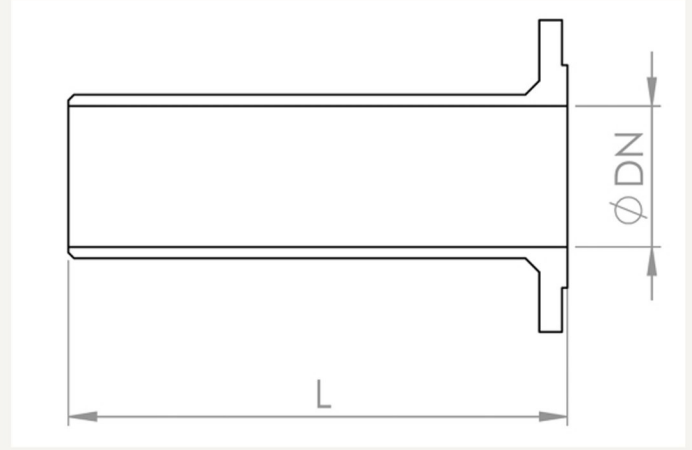
PN 10 / 16						
DN	ØD	Øk	Øg	f	b	ØdxAd.
50	165	125	102	3	20	18x4
65	185	145	122	3	20	18x4
80	200	160	138	3	22	18x8
100	220	180	158	3	24	18x8
125	250	210	188	3	26	18x8
150	285	240	212	3	26	22x8
200	340	295	268	3	30	22x12

Çabuk Tamir Takımı



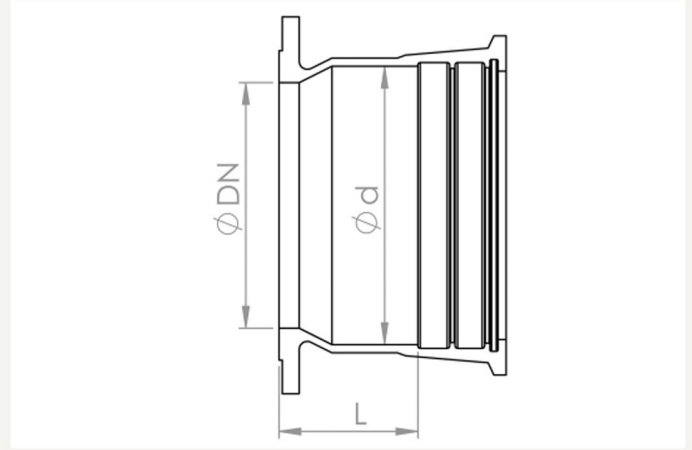
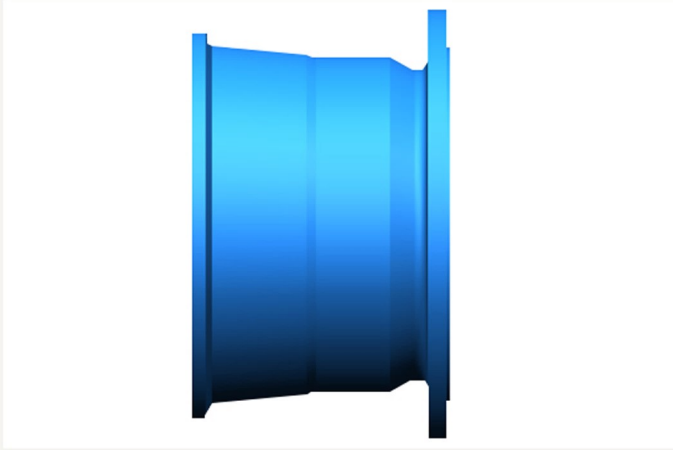
DN	L	C	R1	R2
80	202	188	85	73
100	204	219	98	86
125	204	230	115	102
150	209	264	137	123
200	270	330	175	166
250	270	400	185	165
300	270	476	190	170

Flanşlı Spigotlar (F)



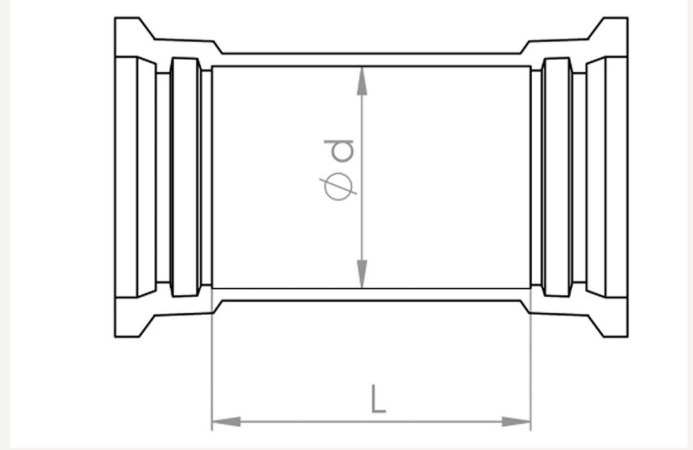
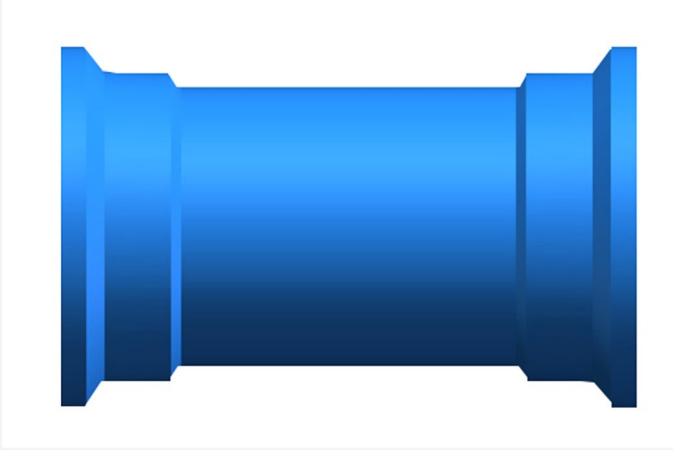
DN	L	PN 10	PN 16	PN 25
80	350	7,8	7,8	7,8
100	360	9,6	9,6	10,2
125	370	12,4	12,4	13
150	380	15,6	15,6	16,6
200	400	22,5	22,5	24,5
250	420	32	31,5	35,5
300	440	43	42,5	47,5
350	460	52	55	64
400	480	64	70	81
450	500	78	89	102
500	520	94	109	121
600	560	133	159	173
700	600	179	194	—
800	600	226	245	—
900	600	272	295	—
1000	600	328	369	—

Flanşlı Soketler (EU)



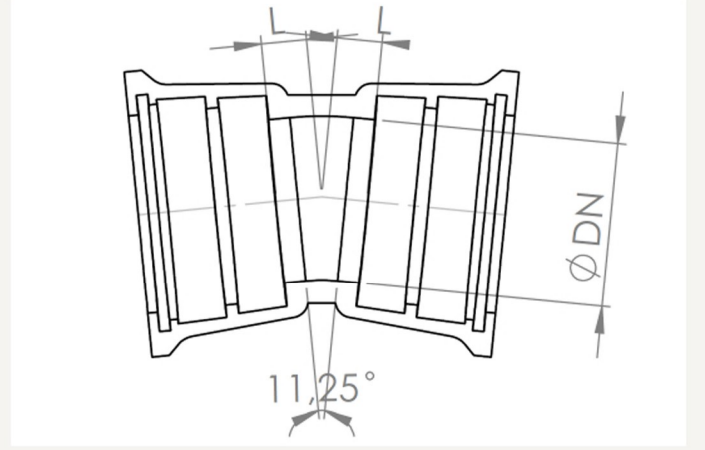
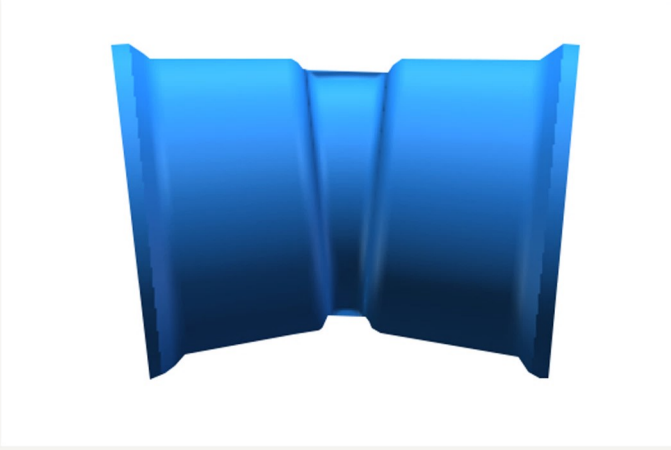
DN	d	L	PN 10	PN 16	PN 25
80	109	130	7,5	7,5	7,5
100	130	130	10,2	10,2	10,7
125	156	135	11,5	11,5	12,1
150	183	135	15,5	15,5	18
200	235	140	20	20	22
250	288	145	32	32	34
300	340	150	43	44	50
350	393	155	54	56	60
400	445	160	64	68	84
450	498	165	72	80	93
500	550	170	90	99	115
600	655	180	120	140	149
700	760	190	171	185	195
800	865	200	230	252	270
900	970	210	271	290	340
1000	1075	220	330	347	400

Kayar Manşonlar (U)



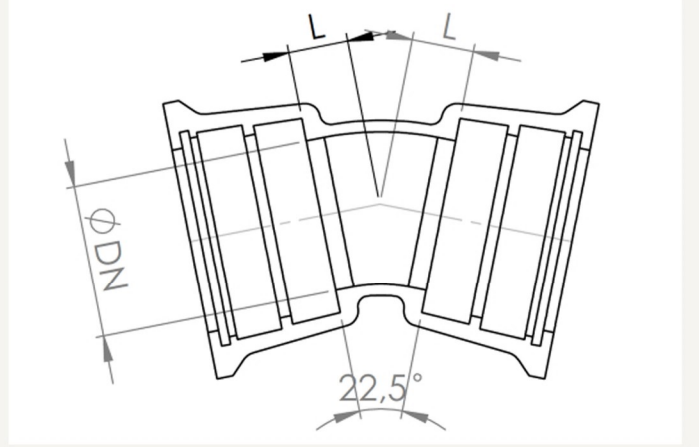
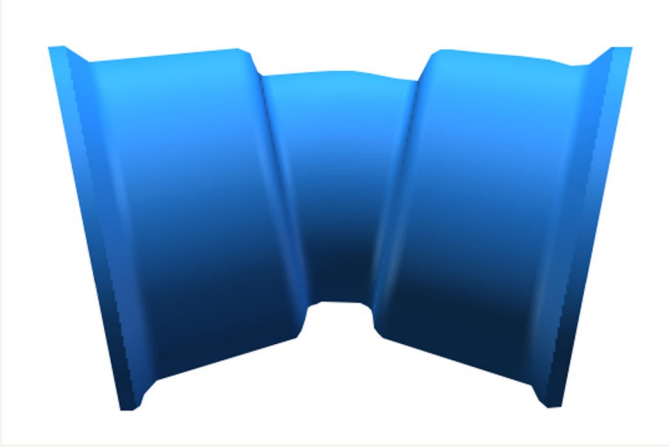
DN	d	L	W(kg)
80	109	160	7,9
100	130	160	9,9
125	156	165	12,9
150	183	165	15,9
200	235	170	23
250	288	175	31,5
300	340	180	41
350	393	185	52
400	445	190	64
450	498	195	76
500	550	200	103
600	655	210	129
700	760	220	182
800	865	230	223
900	970	240	282
1000	1075	250	349

Çift Soketli Dirsekler 11 1/4 (MMK-11)



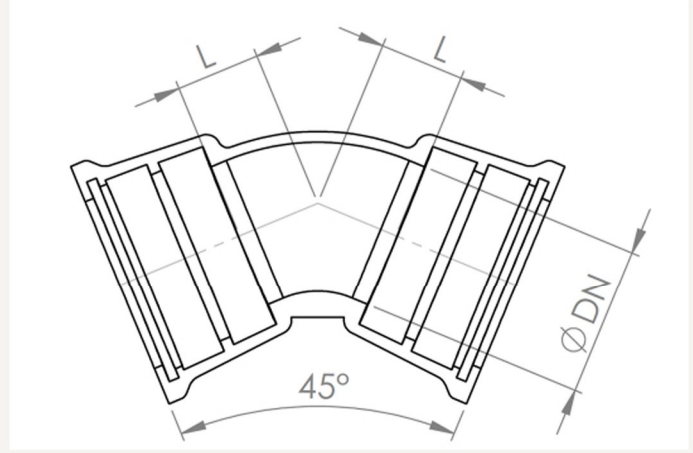
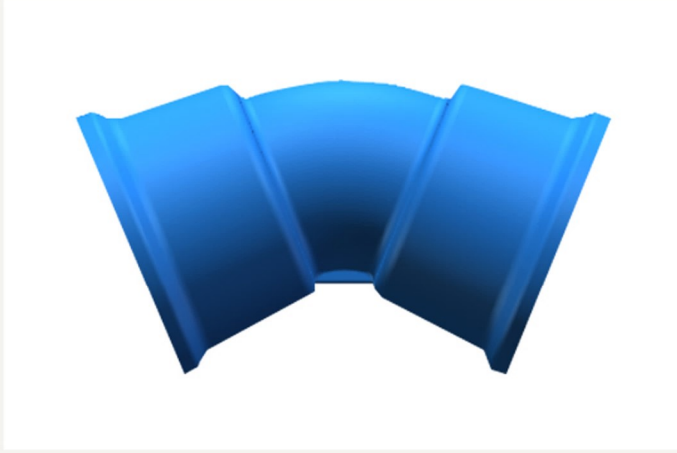
DN	L	W(kg)
80	30	7,5
100	30	9
125	35	11,9
150	40	14,8
200	45	23
250	50	30,5
300	55	41,5
350	60	52
400	65	65
450	70	85
500	75	103
600	85	144
700	95	198
800	110	265
900	120	363
1000	130	445

Çift Soketli Dirsekler 22 1/2 (MMK-22)



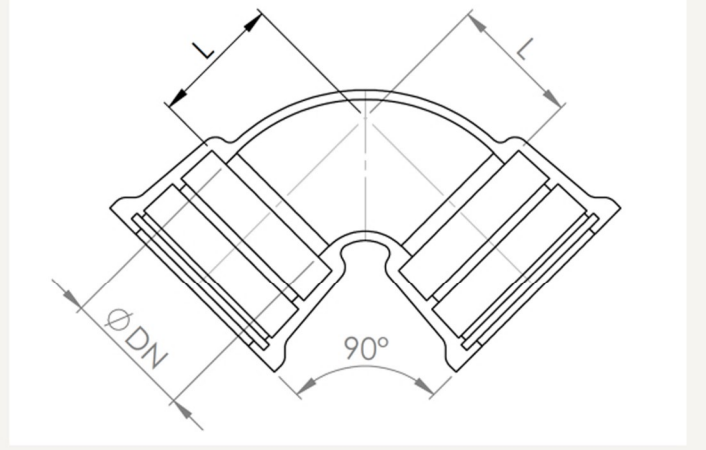
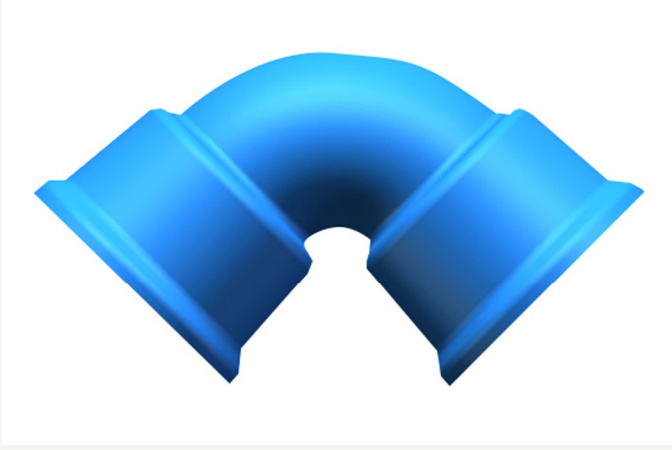
DN	L	W(kg)
80	40	7,7
100	40	9,9
125	50	12,6
150	55	15,9
200	65	24
250	75	33,5
300	85	44,5
350	95	58
400	110	74
450	120	91
500	130	111
600	150	157
700	175	227
800	195	287
900	220	373
1000	240	470

Çift Soketli Dirsekler 45 (MMK-45)



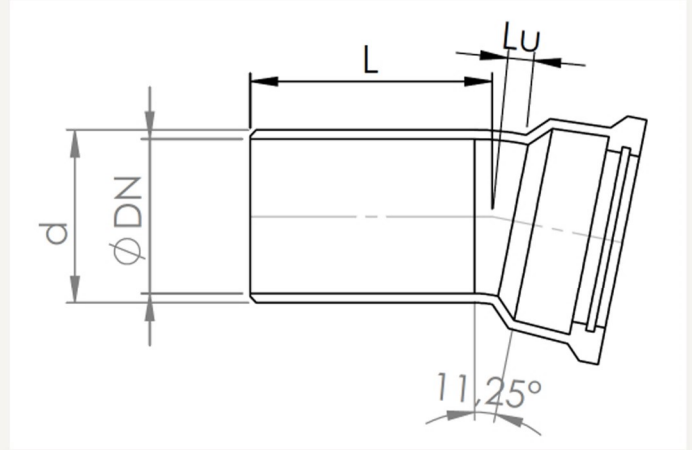
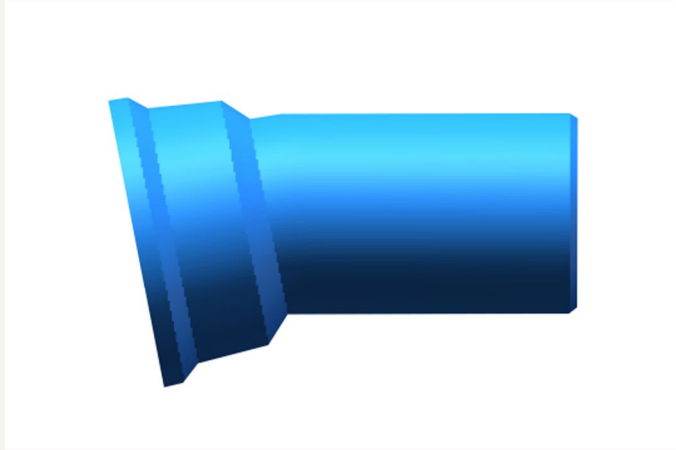
DN	L	W(kg)
80	55	8
100	65	10,3
125	75	14,1
150	85	18,4
200	110	27
250	130	38,5
300	150	53
350	175	76
400	195	89
450	220	112
500	240	146
600	285	212
700	330	310
800	370	410
900	415	570
1000	460	714

Çift Soketli Dirsekler 90 (MMQ-90)



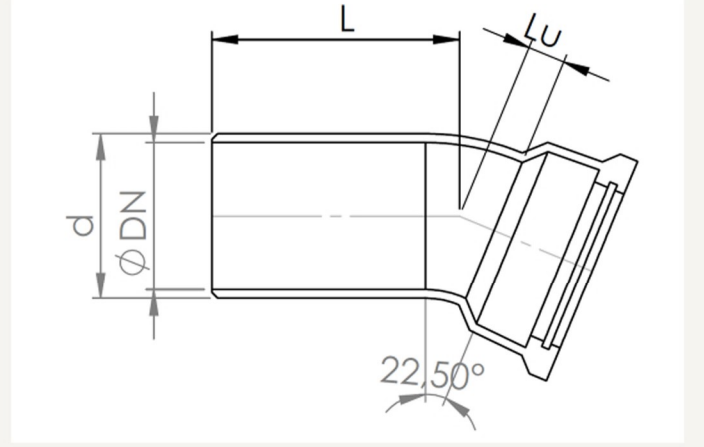
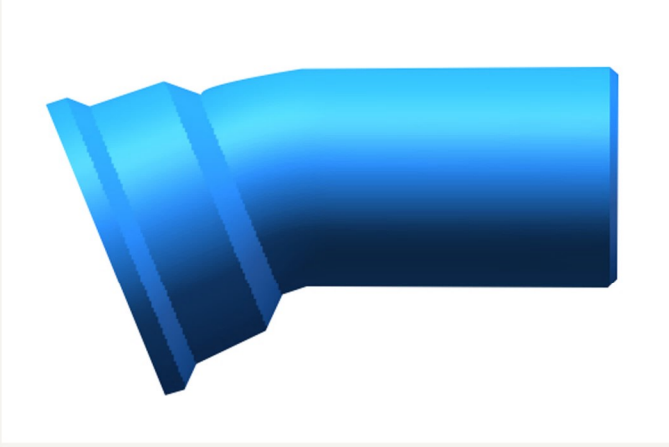
DN	L	W(kg)
80	100	8,6
100	120	11,4
125	145	15,7
150	170	20,5
200	220	33
250	270	49,5
300	320	70,5
350	370	97,5
400	420	124
450	470	168
500	520	199
600	620	360
700	720	449
800	820	615
900	920	830
1000	1020	1170

Tek Soketli Dirsekler 11 1/4 (MK-11)



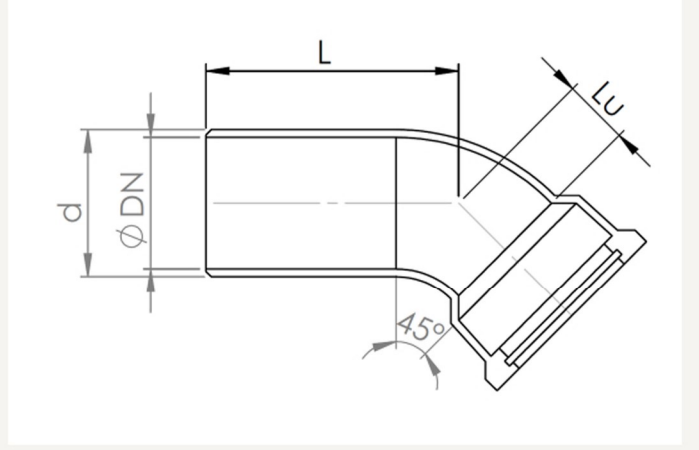
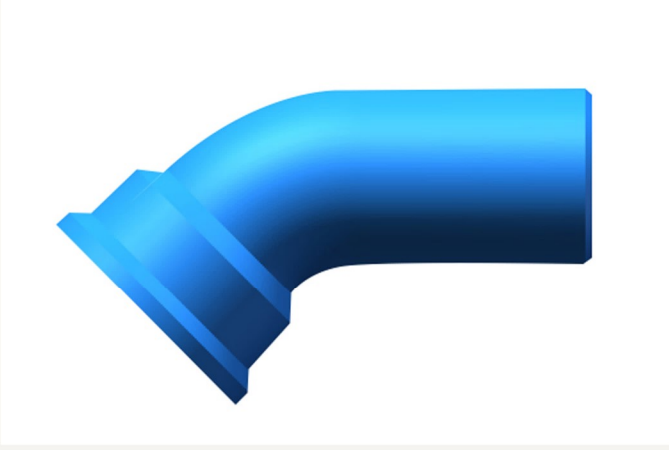
DN	d	Lu	L	W(kg)
80	98	30,3	240	7,8
100	118	32,9	243	10
150	170	39,3	284	19
200	222	45,7	311	27
250	274	50	350	52
300	326	58,6	404	61

Tek Soketli Dirsekler 22 1/2 (MK-22)



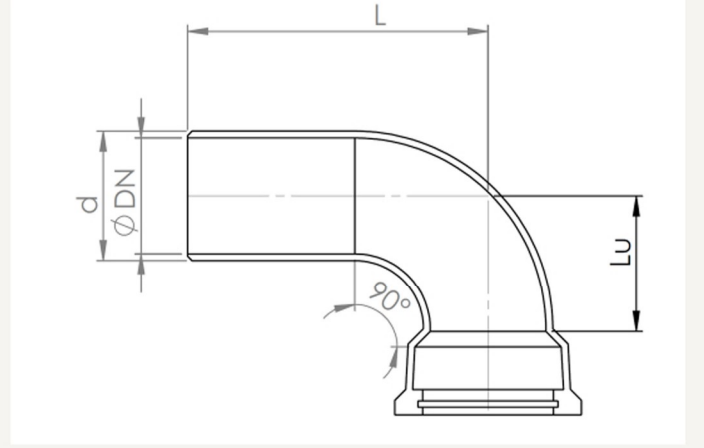
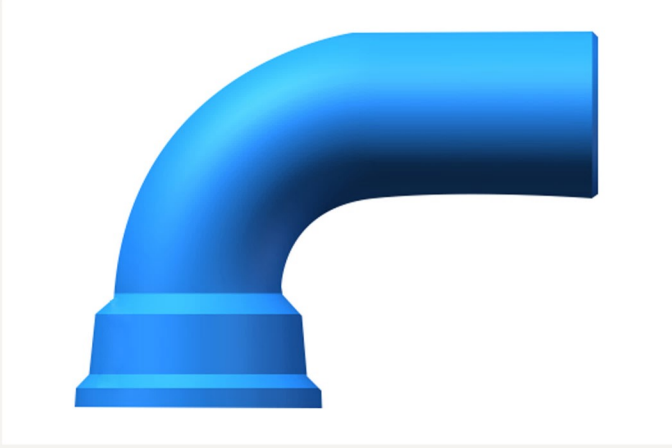
DN	d	Lu	L	W(kg)
80	98	38,3	248	7,8
100	118	42,9	253	10,2
150	170	54,3	299	19
200	222	65,8	331	28
250	274	75	380	55
300	326	88,7	433	62

Tek Soketli Dirsekler 45 (MK-45)



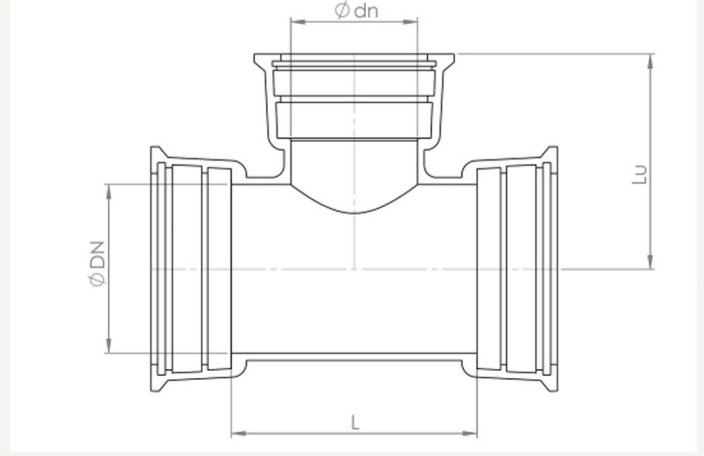
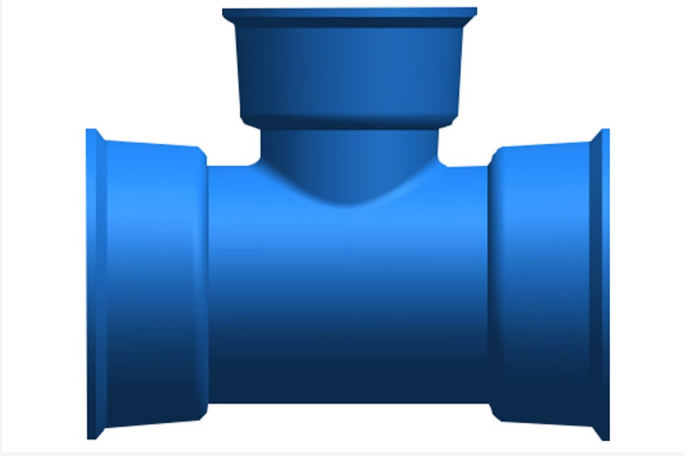
DN	d	Lu	L	W(kg)
80	93	55,5	265	8
100	118	54,4	274	11
150	170	86,6	331	20
200	222	108,8	374	32
250	274	130	430	58
300	325	153	498	66

Tek Soketli Dirsekler 90 (MQ-90)



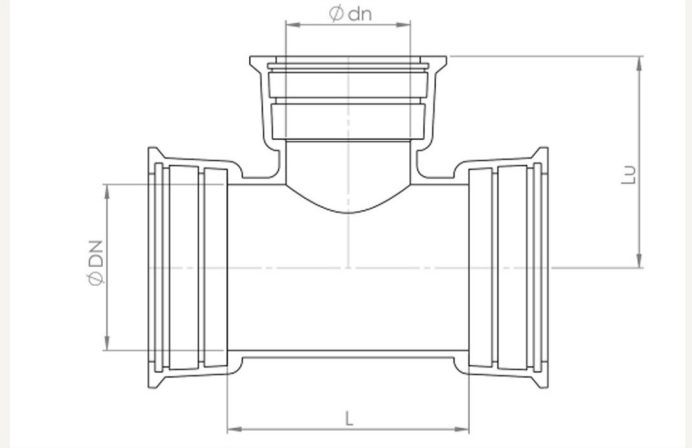
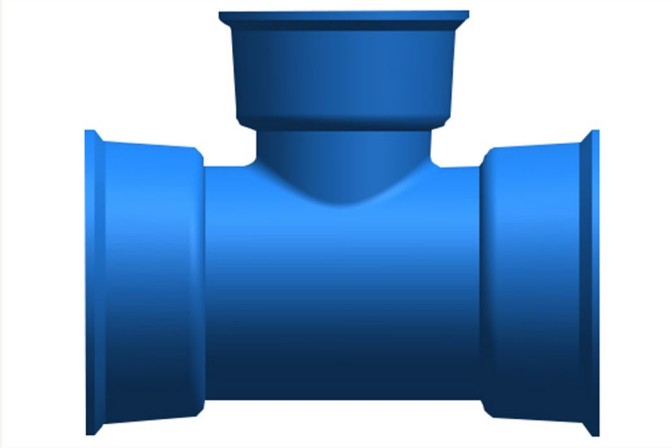
DN	d	Lu	L	W(kg)
80	98	102,4	312	8,6
100	118	123	333	11,2
150	170	174,5	419	21,5
200	222	226	491	35
250	274	275	605	107
300	326	320	660	148

Tümü Soketli T'ler (MMB)



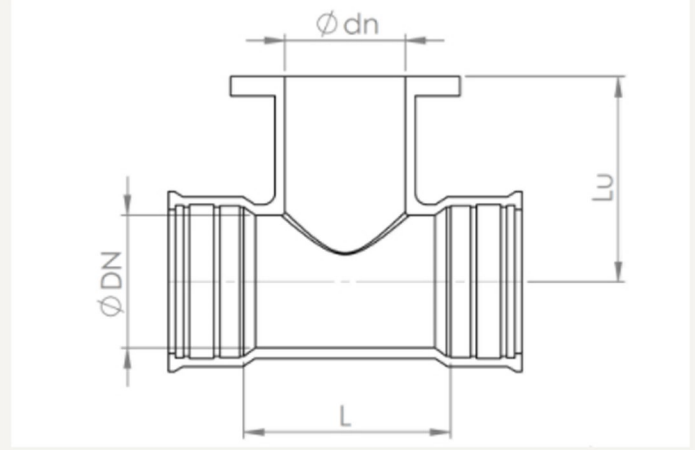
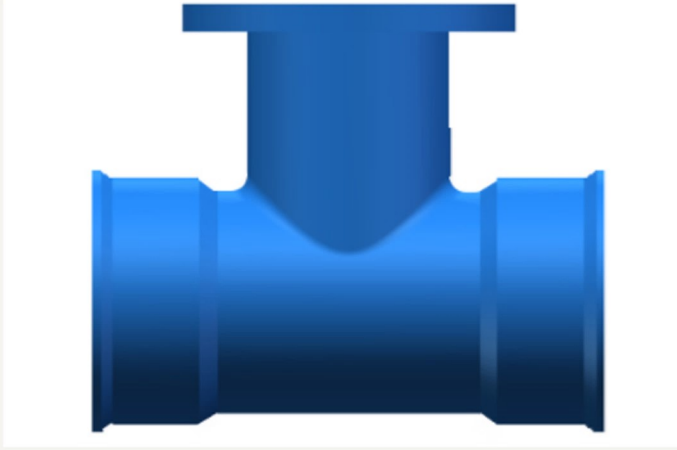
DN	dn	L	Lu	W(kg)
80	80	170	85	13
100	80	170	95	14,8
	100	190	95	16,6
125	80	170	105	17,1
	100	195	110	18
	125	225	110	22
150	80	170	120	21,5
	100	195	120	23,5
	150	255	125	28
200	80	175	145	30
	100	200	145	32
	150	255	150	41
	200	315	155	45
250	80	180	170	44,5
	100	200	170	47,5
	150	260	175	59
	200	315	180	63
	250	375	190	71,5
300	100	205	195	54,5
	150	260	200	68
	200	320	210	72
	250	375	215	86
	300	435	220	90,5
400	100	270	250	90
	150	270	250	101
	200	325	260	105
	250	385	265	120
	300	445	270	127
	400	560	280	155

Tümü Soketli T'ler (MMB)



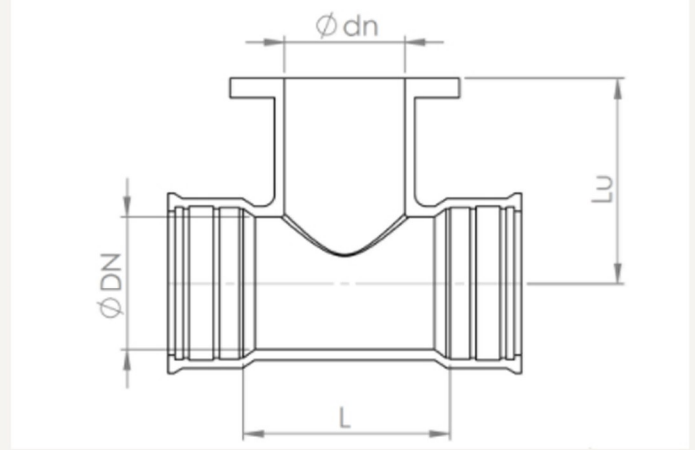
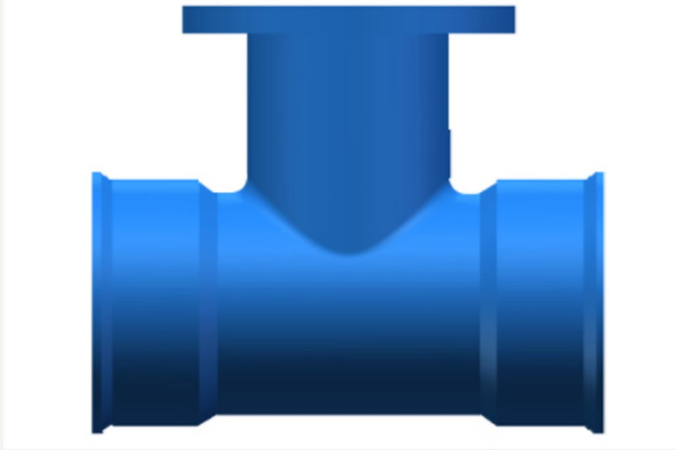
DN	dn	L	Lu	W(kg)
500	100	330	300	158
	150	330	305	162
	200	330	310	170
	250	390	315	180
	300	445	320	191
	400	560	330	220
	500	680	340	265
600	100	340	350	196
	150	340	355	198
	200	340	360	200
	250	400	365	215
	300	455	370	236
	400	570	380	275
	600	800	400	380
700	100	345	400	300
	150	345	400	306
	200	345	410	310
	400	575	430	340
	600	810	450	470
800	100	350	450	352
	150	350	450	360
	200	350	460	370
	400	580	480	430
	600	815	500	581
	800	1045	525	660

Flanş Branşmanlı Çift Soketli T'ler (MMA)



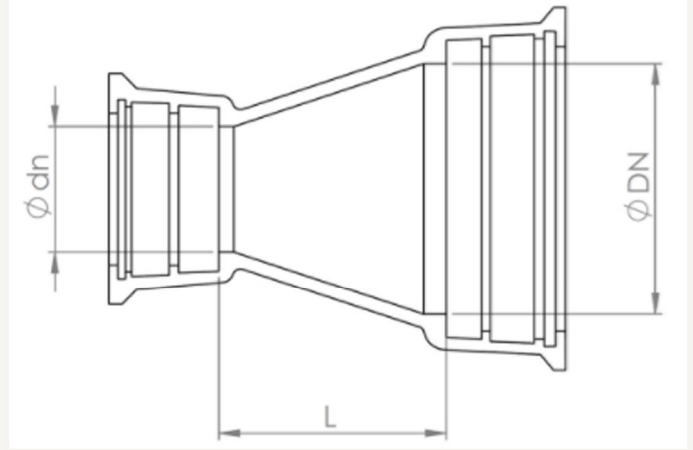
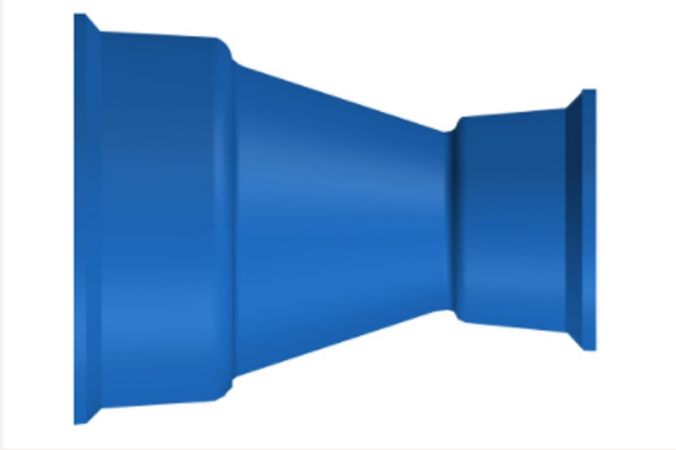
DN	dn	L	Lu	PN 10	PN 16	PN 25
80	80	170	165	14	14	14
	80	175	165	16,7	16,7	16,7
	100	190	180	18	18	18,5
125	80	170	190	19	19	22
	100	195	195	20,5	21	22,8
	125	225	200	22,2	22,5	25
150	80	170	205	24,5	24,5	25
	100	195	210	26	26	27
	150	255	220	31	31	32
200	80	175	235	35	35	35
	100	200	240	38	38	39
	150	255	250	43	43	43,5
	200	315	260	49	48	51
250	100	200	270	46	46	47,5
	150	260	280	53	53	54,5
	200	315	290	59	59	61
	250	375	300	67	67	71
300	100	205	300	53,5	53,5	54
	150	260	310	60	60	62
	200	320	320	68	68	70
	300	435	340	86	86	92
350	100	205	330	68	68	72
	150	325	350	82	82	83
	200	325	350	86	87	89
400	300	440	370	105	105	110
	100	210	360	80	80	81
	150	270	370	90	90	91
	200	325	380	99	99	100
	300	440	400	120	120	125
	400	560	420	143	149	163

Flanş Branşmanlı Çift Soketli T'ler (MMA)



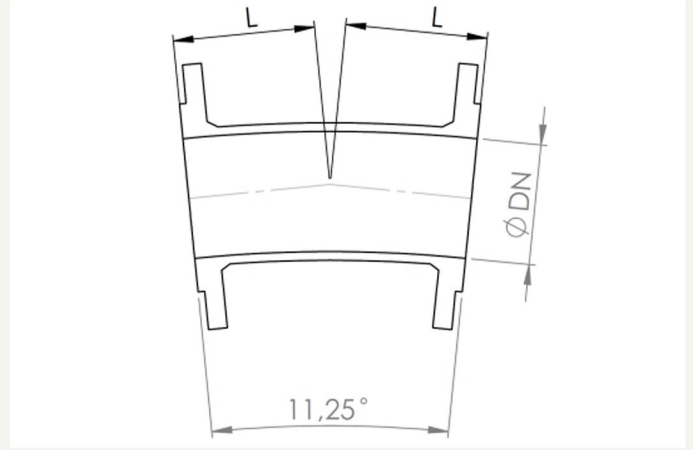
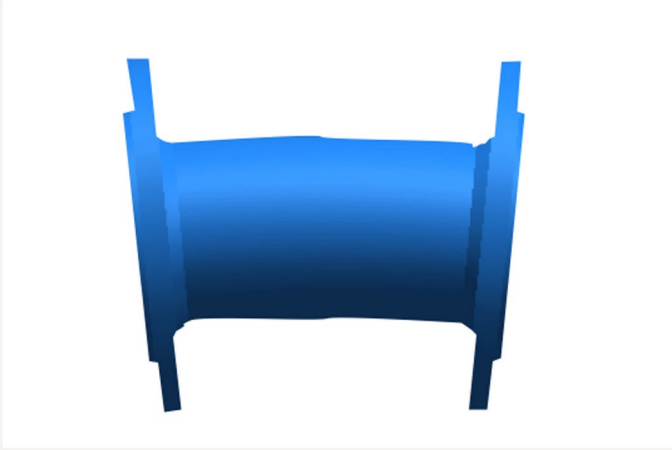
DN	dn	L	Lu	PN 10	PN 16	PN 25
450	100	215	390	94	94	95
	150	270	400	112	112	115
	200	330	410	114	114	116
	300	445	430	138	138	144
	400	560	450	163	167	179
	450	620	460	176	184	195
500	100	215	420	108	108	109
	150	330	440	129	129	130
	200	330	440	132	132	133
	300	450	460	159	159	164
	400	565	480	185	190	202
	500	680	500	216	229	240
600	200	340	500	189	189	191
	400	570	540	258	263	274
	600	800	580	340	366	380
700	200	345	525	255	255	—
	400	575	555	387	387	—
	700	925	600	480	486	—
800	200	350	585	316	316	—
	400	580	615	393	403	—
	600	815	645	579	605	—
900	800	1045	675	623	642	—
	200	355	645	453	459	—
	400	590	675	560	562	—
1000	600	1170	705	810	823	—
	900	1170	750	920	965	—
	200	360	705	560	563	—
	400	595	735	691	696	—
	600	1290	765	1029	1045	—
	1000	1290	825	1150	1164	—

Çift Soketli Redüksiyonlar (MMR)



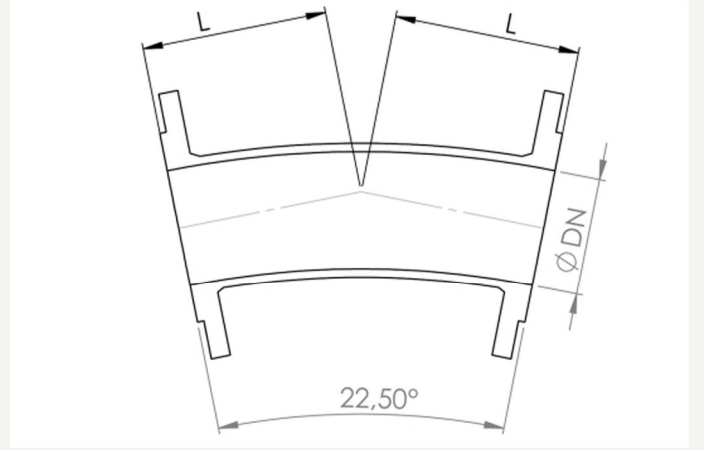
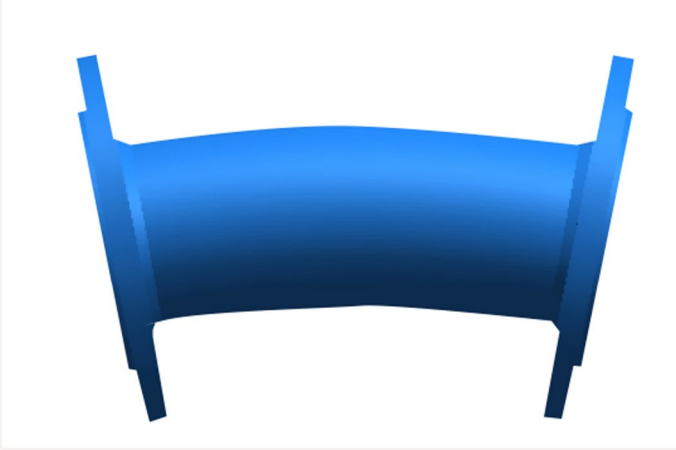
DN	dn	L	W(kg)
100	65	120	9,3
	80	90	9,2
125	80	140	10,8
	100	100	10,5
150	80	190	14,6
	100	150	15
	125	100	15
200	100	250	18,5
	125	200	18,5
	150	150	18
250	100	350	30
	125	300	33
	150	250	33,5
	200	150	33
300	150	350	46
	200	250	42
	250	150	42
350	200	360	52
	250	260	51
	300	160	50
400	200	460	70
	250	360	66
	300	260	67
	350	160	68

Çift Flanşlı Dirsekler 11 1/4 (FFK-11)



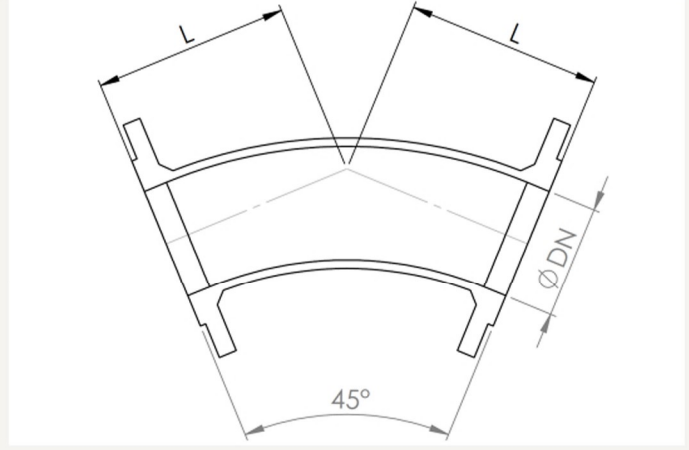
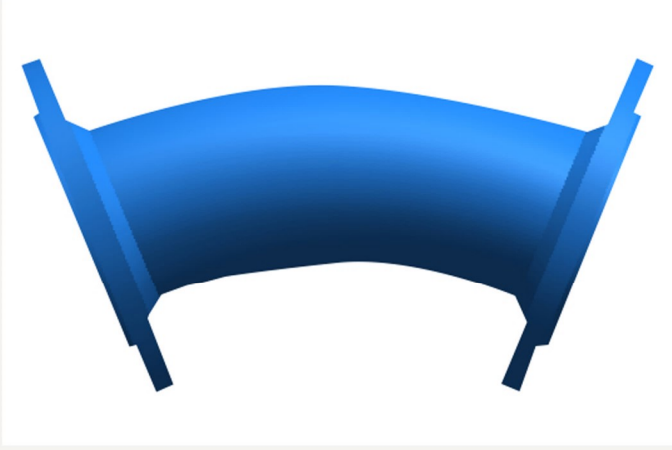
DN	L	PN 10	PN 16	PN 25
80	110	9,5	9,5	9,5
100	115	11,5	11,5	12,5
125	120	15	15	16,7
150	130	10,1	10,1	21
200	145	28	28	32
250	165	56	56	63,5
300	175	71	71	79
350	190	79	84	100
400	205	100	109	131
500	220	152	179	200
600	235	222	269	294
700	250	265	288	—
800	265	366	386	—
900	280	546	584	—
1000	310	664	683	—

Çift Flanşlı Dirsekler 22 1/2 (FFK-22)



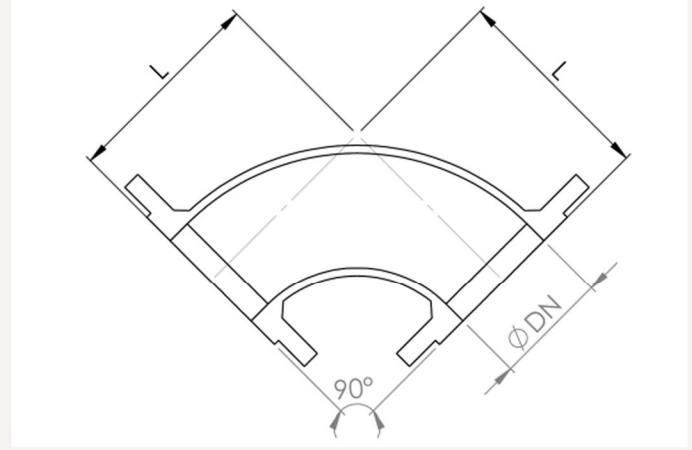
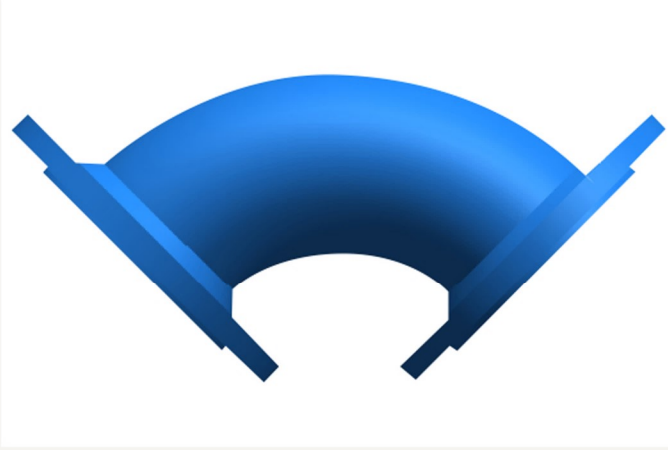
DN	L	PN 10	PN 16	PN 25
80	120	9,4	9,4	9,4
100	130	11,5	11,5	12,5
125	140	15,5	15,5	16,7
150	150	19,7	19,7	21
200	170	28	28	32
250	190	42	42	50
300	210	56	56	67
350	230	69	74	90
400	250	95	104	121
450	260	125	150	165
500	270	145	179	190
600	290	185	235	253
700	310	238	262	—
800	330	320	349	—
900	350	395	424	—
1000	370	494	561	—

Çift Flanşlı Dirsekler 45 (FFK-45)



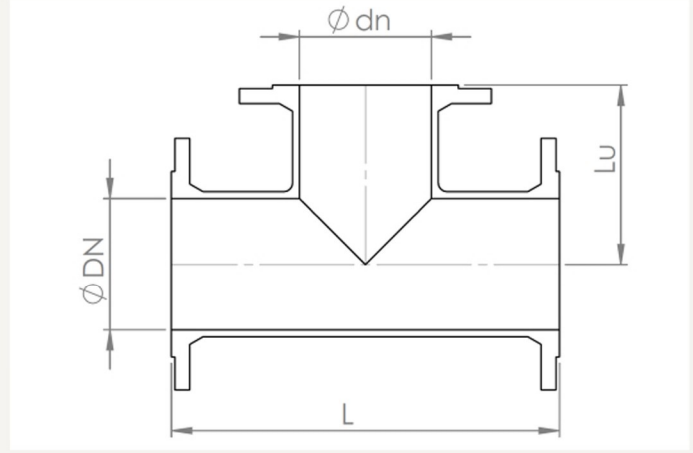
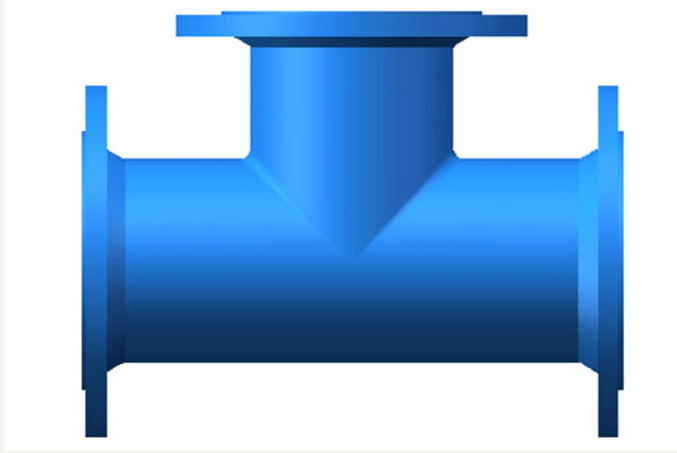
DN	L	PN 10	PN 16	PN 25
80	130	9,3	9,3	9,3
100	140	11,3	11,3	12,4
125	150	14,6	14,6	15,9
150	160	18,5	18,5	20,5
200	180	27,5	29	31
250	350	55	59	62
300	400	78	88	88
350	298	82	89	98
400	324	96	111	129
450	350	128	136	154
500	375	150	175	198
600	426	236	263	294
700	478	310	335	—
800	529	415	442	—
900	581	531	567	—
1000	632	668	751	—

Çift Flanşlı Dirsekler 90 (FFQ)



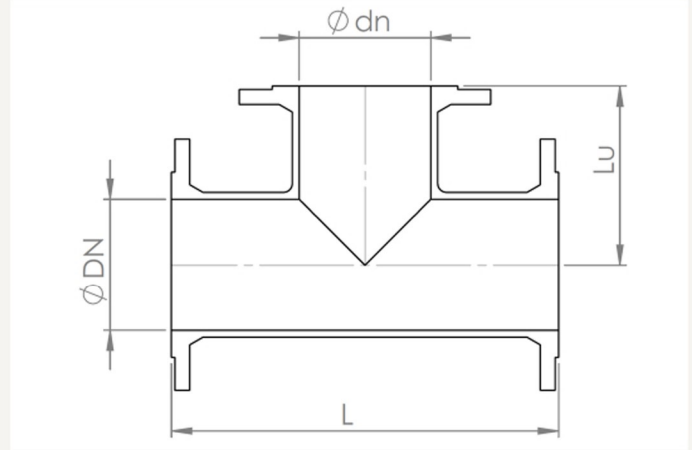
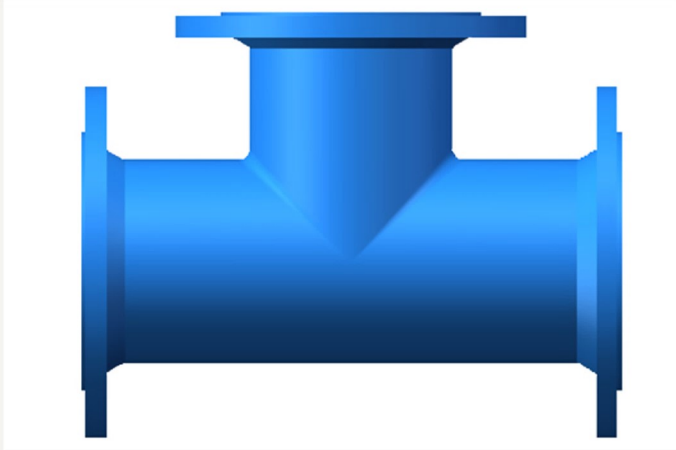
DN	L	PN 10	PN 16	PN 25
80	165	9,6	9,6	9,6
100	180	12,3	12,3	13,5
125	200	18	21	21
150	220	20	20	22
200	260	31	30,5	34,5
250	350	50	49,5	57
300	400	70	88	90
350	450	93	99	123
400	500	136	147	191
450	550	174	185	209
500	600	206	220	235
600	700	272	325	353
700	800	386	416	—
800	900	533	572	—
900	1000	698	745	—
1000	1100	970	1130	—

Tümü Flanşlı T'ler (T)



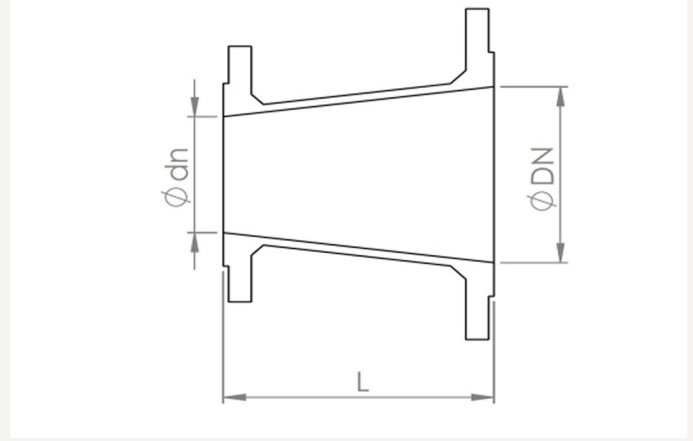
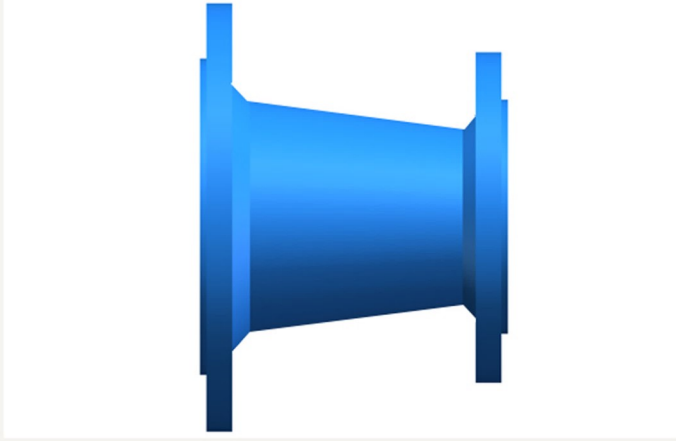
DN	dn	L	Lu	PN 10	PN 16	PN 25
80	80	330	165	15,6	15,6	15,6
100	80	360	175	18,4	18,4	19,5
	100	360	180	19,4	19,4	21
125	80	400	190	23	23	24,5
	100	400	195	24	24	26
	125	400	200	25,5	25,5	27,5
150	80	440	205	28,5	28,5	31
	100	440	210	29,5	29,5	32
	125	440	215	31	31	34
	150	440	220	32,5	32,5	36
200	80	520	235	42	41,5	46
	100	520	240	43	42	47,5
	150	520	250	46	45,5	51
	200	520	260	49,5	49	56
250	100	700	275	68	67	75
	200	700	325	76	75	85
	250	700	350	82	81	93
300	100	800	300	94	93	105
	200	800	350	102	101	114
	300	800	400	116	115	131
350	100	800	325	110	122	139
	200	850	325	121	128	146
	350	850	425	142	151	176
400	100	900	350	154	167	177
	200	900	350	180	189	201
	400	900	450	184	191	225

Tümü Flanşlı T'ler (T)



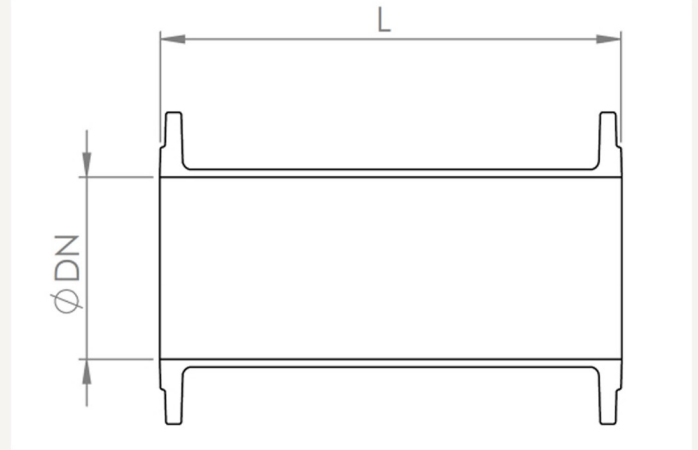
DN	dn	L	Lu	PN 10	PN 16	PN 25
450	100	950	375	174	184	203
	200	950	375	178	186	212
	450	950	475	206	215	255
500	100	1000	400	240	241	265
	200	1000	400	265	268	279
	400	1000	500	270	278	311
	500	1000	500	291	397	332
600	200	1100	450	315	368	388
	400	1100	550	339	397	427
	600	1100	550	388	434	477
700	200	650	525	340	370	-
	400	870	555	440	460	-
	700	1200	600	540	620	-
800	200	690	585	428	439	-
	400	910	615	518	547	-
	600	1350	645	654	697	-
900	800	1350	675	710	725	-
	200	730	645	436	464	-
	400	950	675	541	594	-
	600	1500	705	787	860	-
1000	900	1500	750	853	924	-
	200	770	705	546	629	-
	400	990	735	668	755	-
	600	1650	765	1007	1116	-
	1000	1650	825	1105	1229	-

Çift Flanşlı Redüksiyonlar (FFR)



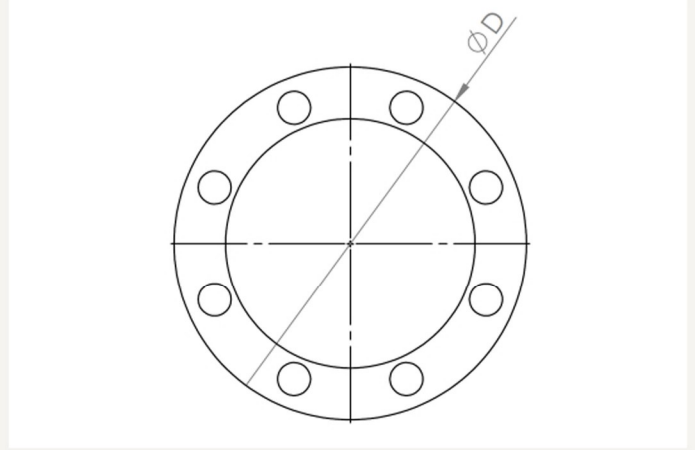
DN	dn	L	PN 10	PN 16	PN 25
80	60	200	7,5	7,5	7,4
	65	200	7,9	7,9	7,8
100	80	200	9,3	9,3	9,8
125	80	200	13	13	14
	100	200	13,1	13,1	14,2
150	100	200	15,9	15,9	18
	125	200	16,5	16,5	18,4
200	100	300	23	24	29
	125	300	25	26	30
	150	300	26	26	35
250	100	300	29	29	33
	150	300	33	33,5	36
	200	300	34	34	40
300	150	300	32,5	32	38,5
	200	300	35,5	35	42
	250	300	40,5	39,5	49
350	250	300	45	47,5	59
	300	300	49,5	52	66
400	200	300	45,5	50,5	63,5
	250	300	50,5	55	69,5
	300	300	55	59,5	70
	350	300	58	67	86
450	400	300	67	76	87
500	300	600	129	145	166
	400	600	133	163	176
600	400	600	178	219	237
	500	600	186	226	257
700	500	600	258	273	—
	600	600	301	332	—
800	600	600	363	375	—
	700	600	397	431	—
900	600	600	336	384	—
	800	600	374	414	—
1000	900	600	530	590	—

Flanşlı Kısa Borular (FF)



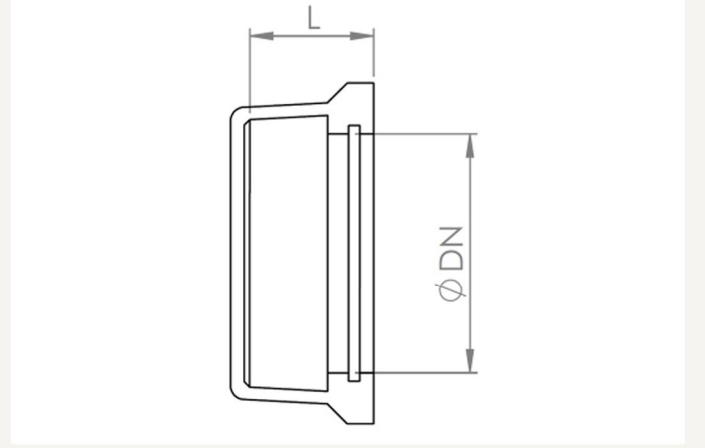
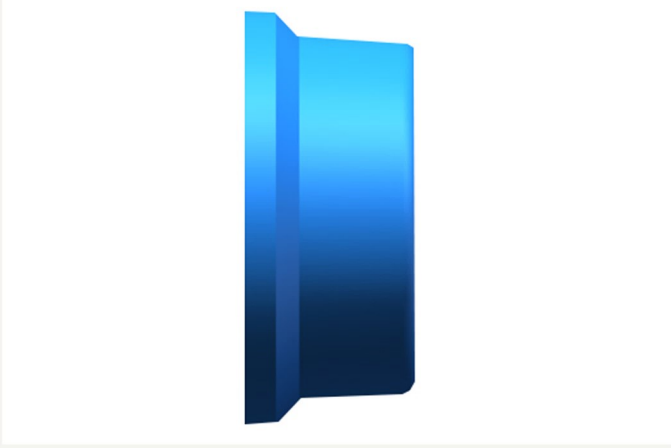
DN	L. 250 W(kg)			L. 500 W(kg)		
	PN 10	PN 16	PN 25	PN 10	PN 16	PN 25
80	10	10	10	15	15	15
100	12	12	10	10	10	19
125	15	15	16	22	22	24
150	19	19	21	28	28	30
200	26	26	30	39	39	43
250	36	35	43	53	52	60
300	47	46	57	69	68	70
350	55	61	78	81	87	104
400	65	76	98	97	108	130
450	74	98	118	112	136	156
500	88	118	142	132	163	186
600	120	173	201	178	231	260
700	155	185	255	229	260	320
800	201	240	338	293	332	430
900	240	237	408	351	399	510
1000	295	378	534	427	510	666

Kör Flanşlar (X)



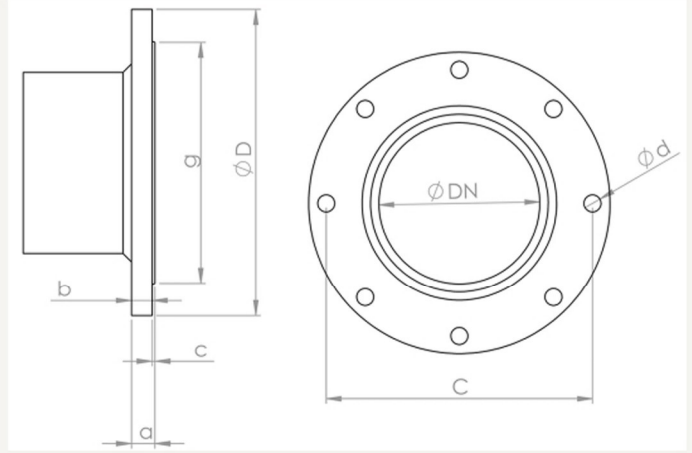
DN	PN 10		PN 16		PN 25	
	D	W(kg)	D	W(kg)	D	W(kg)
80	200	3,5	200	3,5	200	3,5
100	220	4,3	220	4,3	235	4,8
125	250	5,6	250	5,6	270	6,2
150	285	7,2	285	7,2	300	8,3
200	340	11	340	10,8	360	13,3
250	400	16,9	400	16,6	425	21
300	455	24	455	23,5	485	30
350	505	29,5	520	33,5	555	43,5
400	565	36,5	580	44,5	620	58
450	515	47	640	67	670	76
500	570	58	715	77	730	94
600	780	85	840	121	845	144
700	395	123	910	156	—	—
800	1115	172	1025	218	—	—
900	1115	224	1125	286	—	—
1000	1230	293	1225	387	—	—

Son Kapama (O)



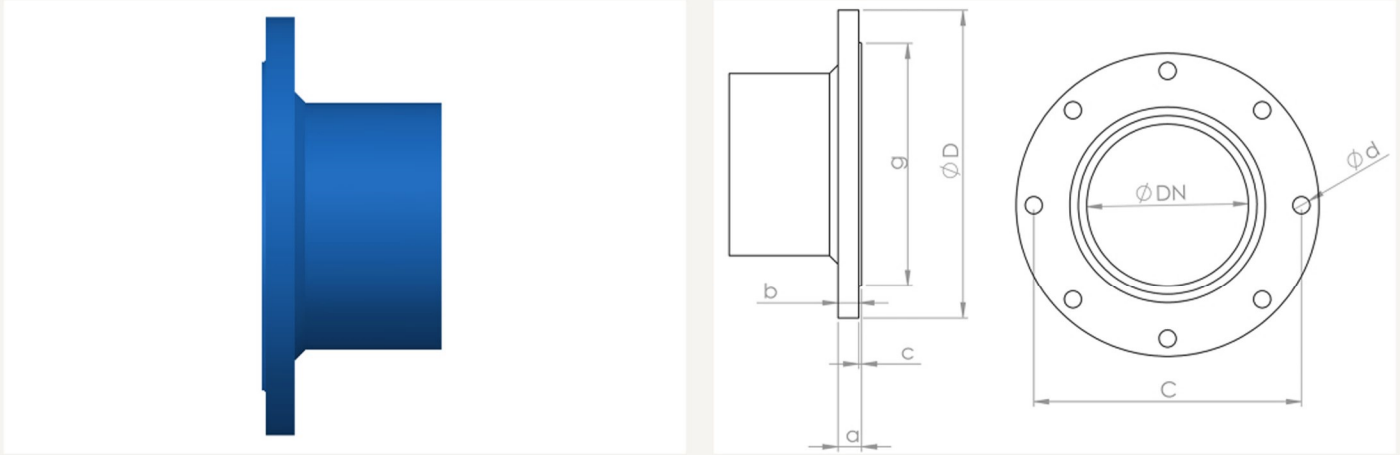
DN	L	O / W(kg)
80	88	4
100	88	6,5
125	88	8,5
150	88	10
200	90	16,5
250	96	22
300	104	26
350	110	38
400	110	49
450	110	66
500	120	81
600	120	122

Flanş Boyut Detayları



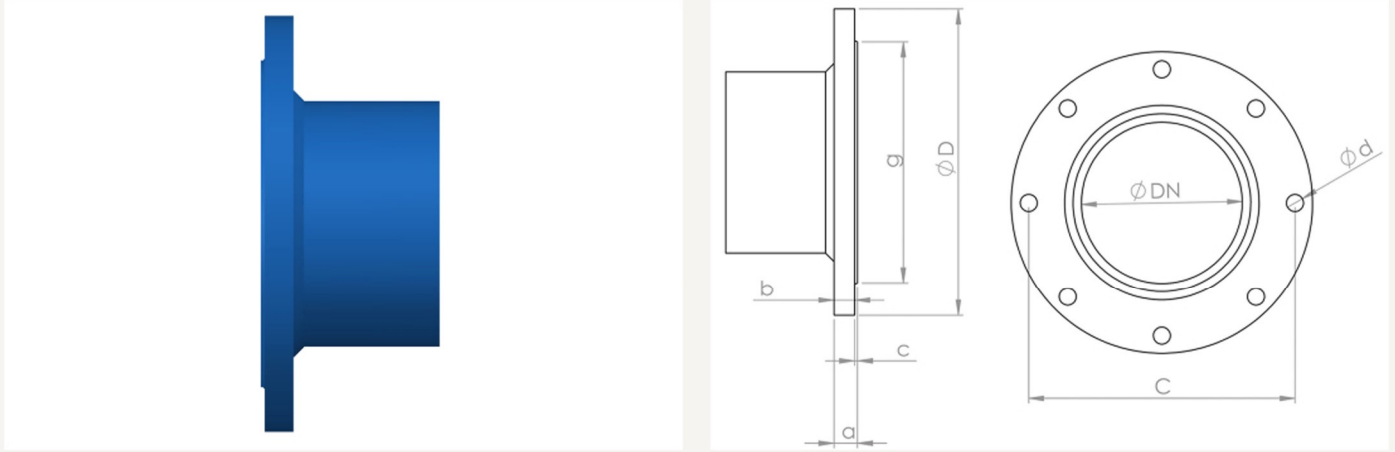
DN	D	C	g	Kalınlık			Civata			W(kg)
				a	b	c	Adet	d	Ölçü	
PN 10										
80	200	160	132	19	16	3	8	19	M 16	2,9
100	220	180	156	19	16	3	8	23	M 16	3,3
125	250	210	184	19	16	3	8	23	M 16	4
150	285	240	211	19	16	3	8	23	M 20	4,9
200	340	295	266	20	17	3	8	23	M 20	6,8
250	400	350	319	22	19	3	12	23	M 2C	9,6
300	455	400	370	24,5	23,5	4	12	23	M 20	12,8
350	505	460	429	24,5	23,5	4	16	23	M 20	14,1
400	565	515	488	24,5	23,5	4	20	28	M24	16,3
450	615	565	527	25,5	21,5	4	20	28	M 24	18
500	670	620	582	26,5	22,5	4	20	28	M 24	21,8
600	780	725	682	30	25	5	20	31	M 27	30,8
700	895	840	794	32,5	27,5	5	24	31	M 27	40,5
800	1015	950	901	35	33	5	24	34	M 30	54,8
900	1115	1050	1001	37,5	32,5	5	28	37	M 30	64,3
1000	1230	1160	1112	40	35	5	28	37	M 33	81,4

Flanş Boyut Detayları



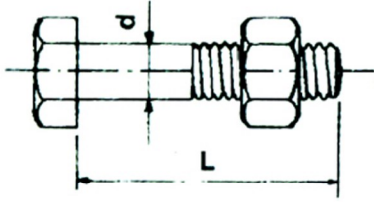
DN	D	C	g	Kalınlık			Cıvata			W
				a	b	c	Adet	g	Ölçü	
PN 16										
80	200	160	132	19	16	3	8	19	M 10	2.90
100	220	180	156	19	16	3	8	19	M 16	3.3
125	250	21	184	19	16	3	8	19	M 16	4
150	285	240	211	19	16	3	8	19	M 20	4.9
200	340	295	266	20	17	3	12	23	M 20	6.6
250	400	355	319	22	10	3	12	28	M 24	9.2
300	455	410	370	24.5	20.5	4	12	28	M 24	12.4
350	520	470	429	26.5	22.5	4	16	28	M 24	17.2
400	560	525	480	28	24	4	16	31	M 27	21.9
450	640	585	544	30	26	4	20	31	M 27	30
500	715	650	609	31.5	27.5	4	20	34	M 30	37
600	840	770	720	36	31	5	20	37	M 33	57.3
700	910	840	794	39.5	34.5	5	24	37	M 33	55.6
800	102S	950	901	43	38	5	24	40	M 36	74
900	1125	1050	1001	46.5	41.5	5	28	40	M 36	88.2
1000	1225	1170	1112	50	45	5	28	43	M 39	122.9

Flanş Boyut Detayları



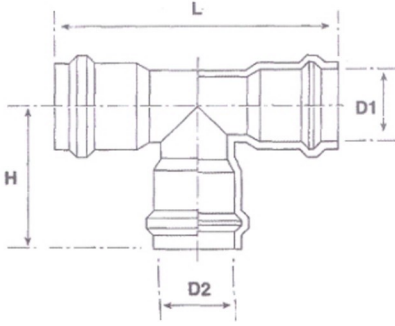
DN	D	C	g	Kalınlık			Cıvata			W*
				a	b	c	Adet	g	Ölçü	
PN 25										
80	200	100	132	19	10	3	8	19	M 10	2.9
100	232	190	156	19	16	3	8	23	M 20	3.8
125	270	220	184	19	16	3	8	28	M 24	4.6
150	300	250	211	20	17	3	8	28	M 24	5.9
200	360	310	274	22	19	3	12	28	M 24	8.7
250	425	370	330	24.5	21.5	3	12	31	M 27	13.1
300	485	430	389	27.8	23.5	4	16	31	M 27	18
350	555	490	448	30	26	4	16	34	M 30	25.5
400	620	550	503	32	23	4	16	37	M 33	33.2
450	670	600	553	34.5	33.5	4	20	37	M 33	40
500	730	660	609	36.5	32.5	4	20	37	M 33	48.7
600	845	770	720	42	37	5	20	40	M 36	71.5
700	960	875	820	46.5	41.5	5	24	43	M 39	90.3
800	1085	990	928	51	45	5	24	49	M 45	123.2
900	1185	1090	1028	55.5	53.5	5	28	49	M 45	148.6
1000	1320	1210	1140	60	55	5	28	56	M 52	200.7

Civata ve Somunlar



DN	FN 10		PN 16		PN 25	
	dxL	Adet	dxL	Adet	dxL	Adet
80	M 16 x 65	8	M 16 x 165	8	M 16 x 65	8
100	M 16 x 65	8	M 16 x 65	8	M 20 x 70	8
125	M 16 x 65	8	M 16 x 65	6	M 24 x 80	8
150	M 20 x 70	8	M 20 x 70	8	M 24 x 80	8
200	M 20 x 80	8	M 20 x 70	12	M 24 x 80	12
250	M 20 x 80	12	M 24 x 185	12	M 27 x 90	12
300	M 20 x 80	12	M 24 x 85	12	M 27 x 90	16
400	M 24 x 85	16	M 24 x 85	16	M 30 x 110	16
450	M 24 x 85	16	M 27 x 100	16	M 33 x 120	16
500	M 24 x 85	20	M 27 x 100	20	M 33 x 120	20
500	M 27 x 100	20	M 30 x 110	20	M 33 x 120	20
700	M 27 x 100	20	M 33 x 120	20	M 36 x 140	20
800	M 30 x 110	24	M 33 x 120	24		
900	M 30 x 120	24	M 36 x 140	24		
1000	M 33 x 130	28	M 36 x 140	28		

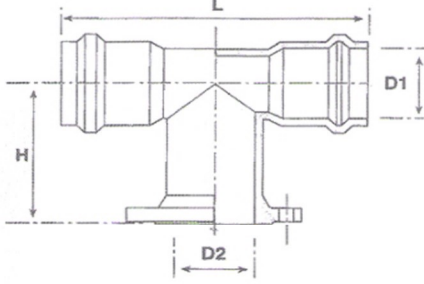
İki Ucu Geçme Muflu T'ler



AÇ	D1/D2	H	L	AĞIRLIK (Kg)
50/50	63/63	133	265	4.300
65/50	75/63	133	285	5.200
65/65	75/75	146	302	5.600
80/50	90/63	145	303	7.500
80/65	90/75	153	302	8.000
80/80	90/90	162	319	8.500
100/50	110/63	154	331	8.700
100/65	110/75	162	344	9.200
100/80	110/90	171	357	9.700
100/100	110/110	186	350	10.200
125/65	140/75	175	371	17.100
125/80	140/90	184	385	17.600
125/100	140/110	199	403	18.400
125/125	140/140	215	430	20.800
150/65	165/75	183	397	20.100
150/80	160/90	193	411	21.000
150/100	160/110	208	429	22.000
150/125	160/140	224	456	23.900
150/150	160/160	237	474	26.800
200/80	225/90	228	494	32.000
200/100	225/110	243	512	34.000
200/125	225/140	259	540	36.800
200/150	225/160	272	558	39.000
200/200	225/225	313	626	53.000
250/80	280/90	248	564	53.000
250/100	280/110	263	582	55.500
250/125	280/140	279	608	59.000
250/150	280/160	292	628	62.000
250/200	280/225	333	696	68.500
250/250	280/280	368	736	75.000

Malzeme : GG 25
İşletme Basıncı : 10 ATÜ

Geçme Muflu Flanşlı TE'ler

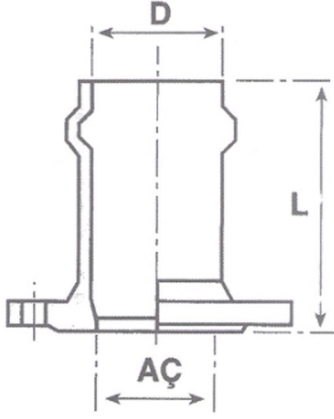


AÇ	D1/D2	H	L	A?IRLIK (Kg)
50/50	63/50	150	257	5.000
65/50	75/50	165	276	7.300
65/65	75/65	165	287	8.500
80/50	90/50	180	293	8.500
80/65	90/65	180	304	9.700
80/80	90/80	180	314	10.900
100/50	110/50	200	325	11.100
100/65	110/65	200	333	12.200
100/80	110/80	200	348	12.900
100/100	110/100	200	368	13.600
125/65	140/65	212	363	16.500
125/80	140/80	212	377	16.500
125/100	140/100	212	396	18.700
125/125	140/125	212	425	23.000
150/65	160/65	225	389	20.200
150/80	160/80	225	403	21.000
150/100	160/100	225	422	23.400
150/125	160/125	225	451	25.900
150/150	160/150	225	470	29.700
175/80	200/80	230	500	37.800
175/100	200/100	239		39.000
175/125	200/125	254		47.500
175/150	200/150	260		50.000
175/175	200/175	275		53.000
200/80	225/80	242		40.000
200/100	225/100	250		41.600
200/125	225/125	265		52.000
200/150	225/150	275	550	61.000
200/200	225/200	310		71.000
250/80	280/80	275		63.000
250/100	280/100	280		66.000
250/125	280/125	297		73.500
250/150	280/150	305		77.000
250/200	280/200	332		84.000
250/250	280/250	350		89.000

Malzeme : GG 25

İşleme Basıncı : 10 ATÜ

Geçme Muflu E Parçaları

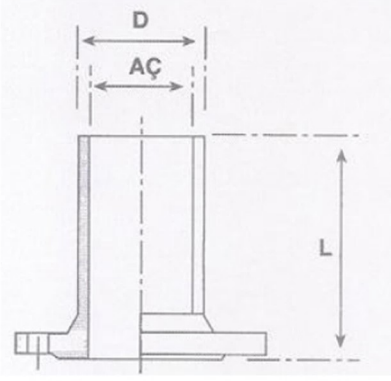


AÇ	D	L	AĞIRLIK
50	63	115	3.320
65	75	118	3.900
80	90	123	4.960
100	110	132	6.180
125	140	154	9.970
150	160	160	12.670
175	200	187	18.000
200	225	201	19.500
250	280	236	37.000

MALZEME : GG 25

İŞLETME BASINCI : 10 ATÜ

F Parçaları

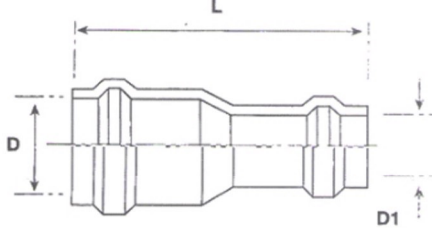


AÇ	D	L	AĞIRLIK
50	63	115	3.300
65	75	122	4.300
80	90	132	5.400
100	110	146	6.000
125	140	163	9.100
150	160	175	11.600
175	200	198	15.500
200	225	212	20.000
250	280	248	29.000

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ

İki Ucu Geçme Muflu Redüksiyonlar

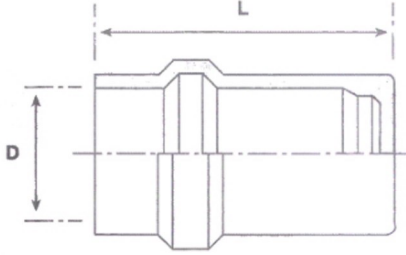


AÇ	D/D1	L	AĞIRLIK
65/50	75/63	228	3.020
80/50	90/63	232	4.580
80/65	90/75	238	4.360
100/65	110/75	288	6.180
100/80	110/90	258	5.040
125/80	140/90	275	8.230
125/100	140/110	283	8.550
150/100	160/110	288	10.180
150/125	160/140	308	11.280
175/150	200/160	343	14.900
200/150	225/160	357	20.000
200/175	225/200	384	24.600
250/175	280/200	418	40.350
250/200	280/225	432	47.000

Malzeme : GG 25

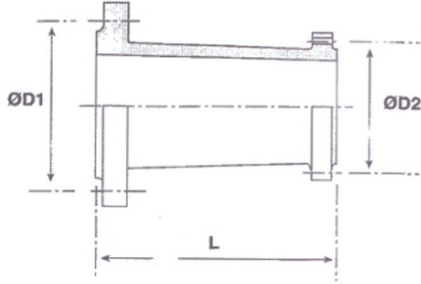
İşletme Basıncı : 10 ATÜ

Geçme Muflu Körtapalar



AÇ	D	L	AĞIRLIK
50	63	120	1.700
65	75	127	2.400
80	90	132	3.300
100	110	138	4.800
125	140	169	7.600
150	160	185	10.200
175	200	215	17.600
200	225	246	20.300
250	280	292	36.500

Flanşlı Redüksiyonlar

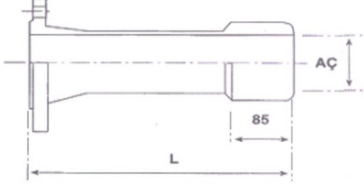


D1	D2	L	AĞIRLIK (Kg)
65	50	200	7.900
80	50		9.000
80	65		10.400
100	50		10.500
100	65		11.400
100	80		12.600
125	80		20.000
125	100		22.000
150	80	400	23.000
150	100		25.000
150	125		27.000
200	100		31.000
200	125		34.000
200	150		37.000
250	125		41.000
250	150		44.000
250	200		50.000
300	150		51.000
300	200	600	58.000
300	250		65.000
350	200		87.000
350	250		96.000
350	300		106.000
400	250		109.000
400	300		120.000
400	350		132.000
500	350		160.000
500	400		174.000
600	400		210.000
600	500		239.000

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ

F Parçaları

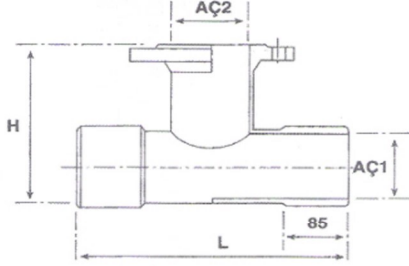


AÇ	L	AĞIRLIK (Kg)
80	250	8.500
100		10.000
125		15.000
150		20.000
175		25.000
200	300	29.000
250		38.000
300		48.000
350		72.000
400		89.000
450	350	120.000
500		130.000
600		190.000

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ

A Parçaları

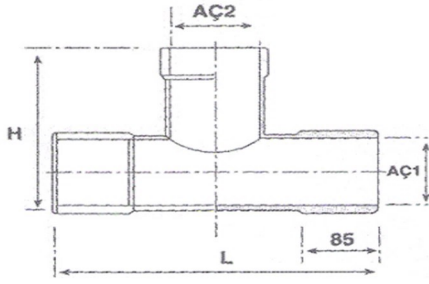


AÇ	AÇ2	L	H	AĞIRLIK(Kg)	AÇ1	AÇ2	L	H	AĞIRLIK(Kg)
100	80	368	190	15	350	150	470	375	87
100	100	368		16	350	175	610		100
125	80	393	210	20	350	200	610		110
125	100	381		21	350	250	610		116
125	125	387		23	350	300	750		140
150	80	365	225	23	350	350	750		150
150	100	358		24	400	100	470		102
150	125	428		29	400	150	470		106
150	150	426		31	400	175	610		115
175	80	351	240	28	400	200	610	410	134
175	100	353		29	400	250	610		139
175	125	471		36	400	300	820		179
175	150	479		38	400	400	820		198
175	175	500		41	450	100	550		125
200	80	350	260	33	450	150	600	450	145
200	100	391		34	450	200	700		176
200	125	508		44	450	250	700		188
200	150	508		46	450	300	850		240
200	175	492		48	450	400	1000		306
200	200	531		51	450	450	1000		321
250	80	350	295	42	500	100	550	500	164
250	100	349		43	500	150	600		185
250	125	458		50	500	200	700		220
250	150	458		53	500	250	700		231
250	175	458		60	500	300	800		282
250	200	590		68	500	400	1000		351
250	250	590		73	500	500	1000		414
300	80	386	330	51	600	100	550	550	247
300	100	388		53	600	150	600		273
300	150	520		71	600	200	700		308
300	175	520		73	600	250	700		319
300	200	520		75	600	300	850		391
300	250	660		95	600	400	1000		476
300	300	660		100	600	500	1000	600	565
350	100	470	375	83	600	600	1000		632

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ

B Parçaları

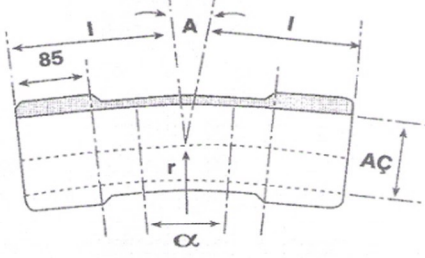


AÇ	AÇ2	L	H	AĞIRLIK (Kg)
80	80	310	155	7.5
100	80	380		11
100	100	363	190	12
125	80	415		16
125	100	387	210	17
125	125	415		18
150	80	380		19
150	100	355	225	20
150	125	450		24
150	150	424		25
175	100	380	240	25
175	175	500		35
200	80	380		29
200	100	380	260	30
200	150	520		41
200	200	520		45
250	150	450		47
250	200	590	295	62
250	250	590		65
300	150	520		65
300	200	520	330	69
300	250	660		86
300	300	660		89
350	150	470		81
350	200	610	375	104
350	250	610		107
350	300	750		129
350	350	750		137
400	200	610	410	127
400	250	610		130
400	300	820		168
400	400	820		183
450	200	700	450	170
450	250	700		178
450	300	850		230
450	400	1000		294
450	450	1000		309
500	200	700	500	214
500	250	700		221
500	300	800		272
500	400	1000		339
500	500	1000		402
600	200	700	550	300
600	250	700		310
600	300	850		385
600	400	1000	600	466
600	500	1000		553
600	600	1000		620

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ

K Parçaları

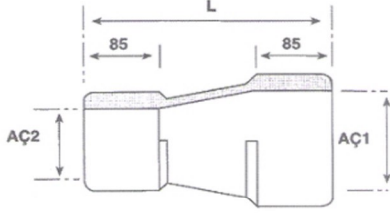


AÇ	ÖLÇÜLER	AÇILAR			
		11°	22°	45°	90°
100	I	189	213	278	353
	r	600	300	300	155
	AĞIRLIK	9	10	13	16
125	I	197	222	292	382
	r	650	325	325	178
	AĞIRLIK	13	16	20	24,5
150	I	204	231	306	410
	r	700	350	350	200
	AĞIRLIK	18	20	25	31
175	I	211	240	320	439
	r	750	375	375	226
	AĞIRLIK	23	26	33	43
200	I	219	248	334	468
	r	800	400	400	245
	AĞIRLIK	30	33	42	53
250	I	234	266	363	526
	r	900	450	450	290
	AĞIRLIK	43	47	61	78
300	I	248	283	390	583
	r	1100	550	550	380
	AĞIRLIK	57	64	83	109
350	I	273	311	429	651
	r	1100	550	550	380
	AĞIRLIK	85	95	124	165
400	I	288	328	457	708
	r	1200	600	600	425
	AĞIRLIK	112	124	163	220
450	I	240	240	385	660
	r	650	650	650	650
	AĞIRLIK	136	138	175	245
500	I	250	250	400	710
	r	700	700	700	600
	AĞIRLIK	165	180	225	310
600	I	285	285	455	825
	r	800	800	800	700
	AĞIRLIK	260	280	420	470

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ

R Parçaları

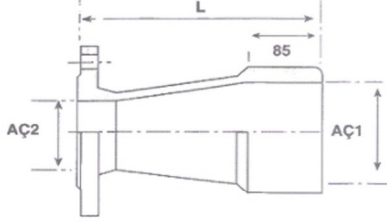


AÇ1	AÇ2	L	AĞIRLIK(Kg)
100	80	250	5.5
125	80		8
125	100		9
150	80		10
150	100		11
150	125		12
175	100		13
175	125		14
175	150	300	15
200	100		16
200	125		17
200	150		18
200	175		19
250	125		25
250	150		27
250	175		30
250	200		33
300	150	400	32
300	175		35
300	200		38
300	250		42
350	200		56
350	250		62
350	300		68
400	250	500	72
400	300		78
400	350		89
450	300		105
450	350		117
450	400		140
500	350	650	140
500	400		155
500	450		170
600	450	700	230
600	500		250

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ

FR Parçaları

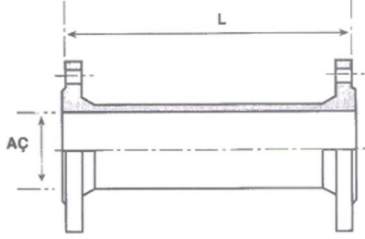


AÇ	AÇ2	L	AĞIRLIK(Kg)
100	80	250	9
125	80		12
125	100		13
150	80		14
150	100		15
150	125		17
175	100		17
175	125		19
175	150	300	21
200	100		19
200	125		21
200	150		24
200	175		27
250	125		30
250	150		33
250	175		36
250	200		39
300	150	400	38
300	175		40
300	200		44
300	250		51
350	200		63
350	250		71
350	300		79
400	250	500	80
400	300		89
400	350		102
450	300		110
450	350		122
450	400		155
500	350	650	148
500	400		171
500	450		195
600	450		255
600	500	700	280

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ

FF Parçaları

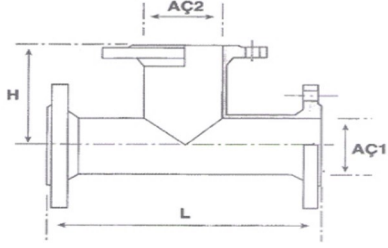


AÇ	10 cm	20 cm	30 cm	40 cm	50 cm	60 cm	70 cm	80 cm	90 cm	100 cm
80	10.5	12.5	15	17	19	21	23.5	25	27.5	29
100	12	14.5	17.5	19.5	22.5	24.5	27.5	30	33	35
125	16	19.5	23	26.5	29.5	33	36	39.5	43	46.5
150	19.5	24	28	32	36	41	45	49	53	57.5
200	27.5	34	39.5	46	52.5	58	64.5	70	76.5	82
250	37	45.5	53.5	61.5	70	78	86	94.5	103	111
300		53	63	74.5	84.5	95.5	106	117	128	138
350		69	83	96	109	123	136	149	162	176
400		86	102	117	133	149	165	180	196	211
500		114	136	157	178	200	222	244	265	286
600			172	200	228	254	282	309	337	365

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ

PT Parçaları

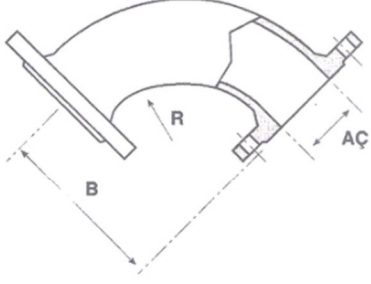


AÇ	AÇ2	L	H	AĞIRLIK (Kg)
50	50	300	150	12
65	50	330	157.5	18.5
65	65		165	20
80	50		165	20
80	65	360	172.5	20.8
80	80		180	21
100	50		175	24
100	65	400	182.5	24.7
100	80		190	25
100	100		200	26
125	80	450	202.5	32
125	100		212.5	34
125	125		225	36
150	80	500	215	41
150	100		225	42
150	125		237.5	45
150	150	600	250	47
200	100		250	63
200	125		262.5	66
200	150	700	275.5	68
200	200		300	74
250	125		287.5	93
250	150	800	300	96
250	200		325	102
250	250		350	109
300	150	850	325	129
300	200		350	136
300	250		375	143
300	300	900	400	151
350	200		325	169
350	250		325	173
350	300	1000	425	188
350	350		425	195
400	200		350	211
400	250	1100	350	215
400	300		350	232
400	350		450	239
400	400	1100	450	246
500	250		400	315
500	300		500	334
500	350	1100	500	342
500	400		500	349
500	500		500	363
600	300	1100	500	466
600	350		500	475
600	400		500	485
600	500	1100	500	499
600	600		500	516

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ

MMQ Parçaları

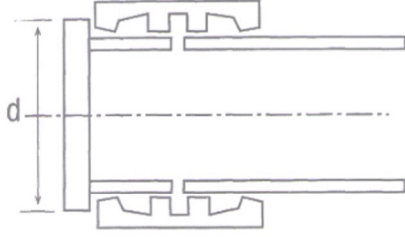


AÇ	B	R	AĞIRLIK
50	150	110	8.5
65	165	123.5	11
80	180	137	13
100	200	155	17
125	225	177.5	23
150	250	200	31
200	300	245	49
250	350	290	72
300	400	335	100
350	450	380	137
400	500	425	181
500	600	515	290
600	700	605	442

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ

SK Parçaları

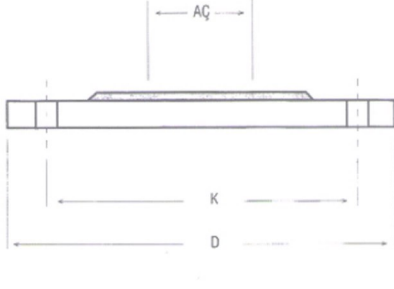


ANMA ÇAPI	d	AĞIRLIK
80	146	2.5
100	171	4
125	182	5.5
150	198	6.5
175	224	8
200	256	11
250	308	16
300	366	24
350	424	33
400	480	46
450	55	70
500	615	90
600	720	120

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ

X Parçaları



AÇ	D	K	AĞIRLIK
50	165	125	2.5
65	185	145	3.5
80	200	160	4.5
100	220	180	5.5
125	250	210	7.5
150	285	240	8.5
175	315	270	13
200	340	295	15
250	400	350	23
300	445	400	25.5

Malzeme : GG 25

İşletme Basıncı : 10 ATÜ



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