



HVAC ÜRÜN KATALOĞU 2010

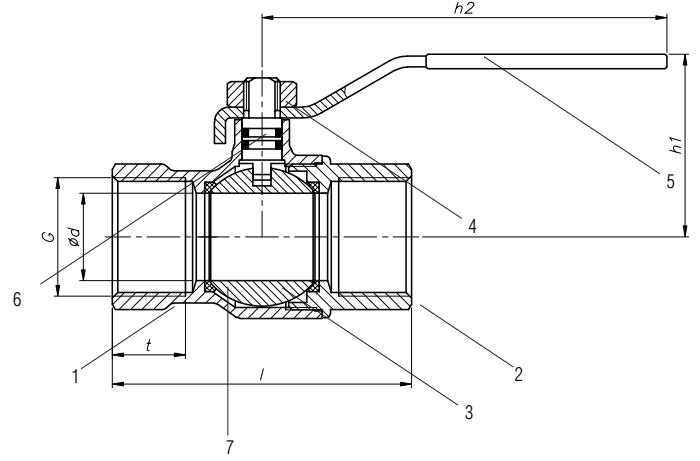


**HVAC
PRODUCT CATALOGUE
2010**

**uni
val**

PIRİNÇ KÜRESEL VANA / BRASS BALL VALVE

uni
val



Pirinç Küresel Vana / Brass Ball Valve

Doğalgaz Küresel Vana / Ball Valve for Gas

MALZEME ÖZELLİKLERİ / MATERIALS

MALZEME ÖZELLİKLERİ / MATERIALS

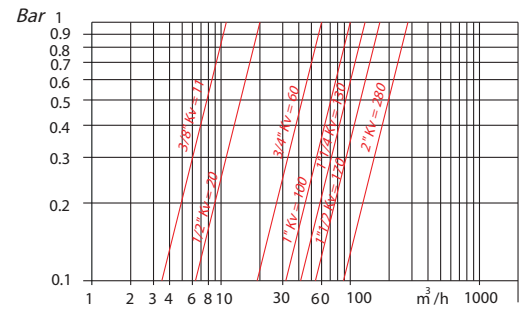
PARÇA ADI / PART NAME	MALZEME / MATERIAL	PARÇA ADI / PART NAME	PARÇA ADI / PART NAME
GÖVDE / BODY	PIRİNÇ / BRASS	GÖVDE / BODY	PIRİNÇ / BRASS
KAPAK / BONNET	PIRİNÇ / BRASS	KAPAK / BONNET	PIRİNÇ / BRASS
KÜRE / BALL	PIRİNÇ / BRASS	KÜRE / BALL	PIRİNÇ / BRASS
MİL / STEM	PIRİNÇ / BRASS	MİL / STEM	PIRİNÇ / BRASS
KOL / LEVER	KARBON ÇELİK / CARBON STEEL	KOL / LEVER	KARBON ÇELİK / CARBON STEEL
O-RİNG / O-RING	EPDM / EPDM	O-RİNG / O-RING	VİTON / VITON
SİTLER / SEATS	PTFE / PTFE	SİTLER / SEATS	PTFE / PTFE

Boyut Tablosu / Dimensions

Anma Basıncı Nominal Pressure	PN16						
		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Vana Boyutları Valve Dimensions	l	58	70	82	98	108	128
	t	14	16	20	25	26	30
	G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	ød	14	19	24	30	38	49
	h1	42	45	50	55	69	74
	h2	94	94	110	110	150	150

BASINÇ DÜŞÜMÜ VE KV DEĞERLERİ TABLOSU

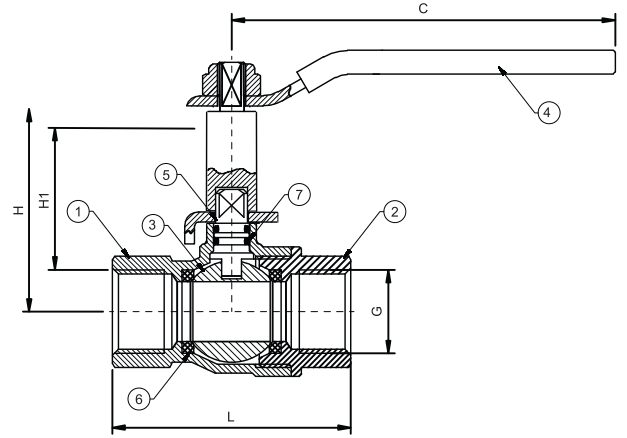
Kv değeri 1 bar basınç düşümündeki m³/h cinsinden debi değeridir



°C	-10 +120
PN	16

İZOLASYON BOYUNLU KÜRESEL VANA / BALL VALVE - EXTENDED STEM

uni
val



Malzeme / Material

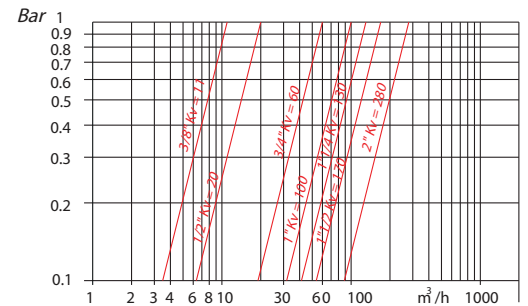
NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	GÖVDE	BODY	PIRINÇ / BRASS
2	KAPAK	BONNET	PIRINÇ / BRASS
3	KÜRE	BALL	PIRINÇ / BRASS
4	KOL	LEVER	St37 / St37
5	MİL	STEM	PIRINÇ / BRASS
6	O-RING	O-RING	PTFE / PTFE
7	SİTLER	SEATS	EPDM / EPDM

İzolasyon Boyunlu Küresel Vana / Ball Valve - Extenden Stem

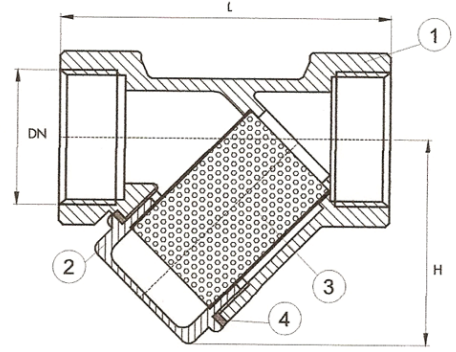
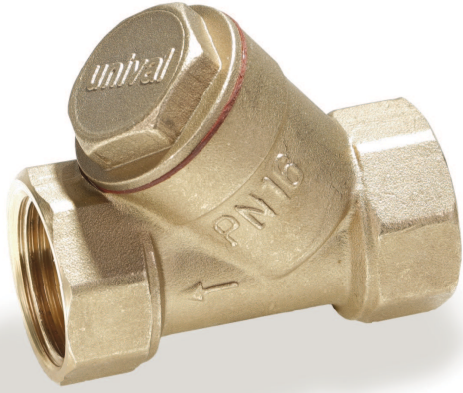
Anma Basıncı Nominal Pressure	PN16						
Anma Çapı Valve Size		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Vana Boyutları Valve Dimensions	L	58	70	82	98	108	128
	C	94	94	110	110	150	150
	G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	ød	14	19	24	30	38	49
	H1	35	35	40	41	60	60
	H	51	53	63	68	90	98

BASINÇ DÜŞÜMÜ VE KV DEĞERLERİ TABLOSU

Kv değeri 1 bar basınç düşümündeki m³/h cinsinden debi değeridir



°C	-10 +120
PN	16



Malzeme / Material

NUMARA NUMBER	PARÇA ADI / PART NAME	MALZEME / MATERIAL
1	GÖVDE / BODY	PİRİNÇ / BRASS
2	KAPAK / BONNET	PİRİNÇ / BRASS
3	FİLTRE / FILTER	PASLANMAZ ÇELİK / STAINLESS STEEL
4	CONTA / SEAL	KİLİNGERİT / KLINGERIT

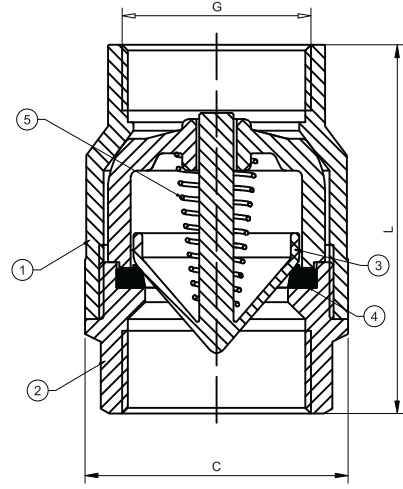
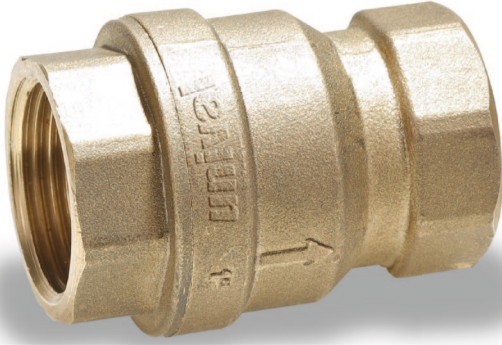
Pirinç Pislilik Tutucu / Brass Strainer

Anma Basıncı Nominal Pressure	PN16						
Anma Çapı Valve Size		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Vana Boyutları Valve Dimensions	L	56	67	80	90	103	120
	H	50	60	72	85	95	132

°C	-10 +120
PN	16

PİRİNÇ ÇEK VANA / BRASS CHECK VALVE

uni
val



Malzeme / Material

NUMARA NUMBER	PARÇA ADI / PART NAME	MALZEME / MATERIAL
1	GÖVDE / BODY	PİRİNÇ / BRASS
2	KAPAK / BONNET	PİRİNÇ / BRASS
3	DISK / DISC	POLİMER / POLIMER
4	CONTA / SEAL	NBR / NBR
5	YAY / SPRING	AISI 304 / AISI 304

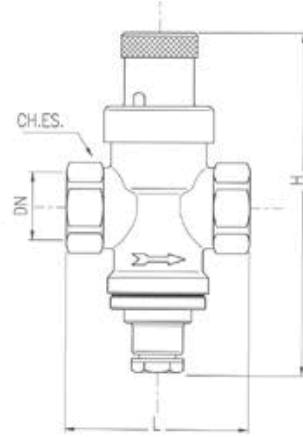
Pirinç Çek Vana / Brass Check Valve

Anma Basıncı Nominal Pressure	PN16						
Anma Çapı Valve Size		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Vana Boyutları Valve Dimensions	L	49	53	58	90	71	79
	C	30	36	43	60	61	77

°C	-10 +120
PN	16

BASINÇ DÜŞÜRÜCÜ VANA / PRESSURE REDUCING VALVE

uni
val



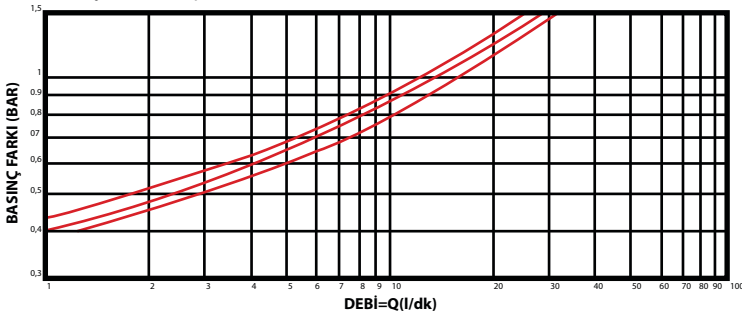
Malzeme / Material

NUMARA NUMBER	PARÇA ADI / PART NAME	MALZEME / MATERIAL
1	GÖVDE / BODY	PİRİNÇ / BRASS
2	İÇ PARÇALAR / INNER PARTS	PİRİNÇ / BRASS
3	SİT / SEAT	PİRİNÇ / BRASS
4	O-RİNG / O-RING	NBR / NBR

Basınç Düşürücü Vana / Pressure Reducing Valve

Anma Basıncı Nominal Pressure	PN16			
Anma Çapı Valve Size		3/8"	1/2"	3/4"
Vana Boyutları Valve Dimensions	L	60	60	60
	H	112	112	113

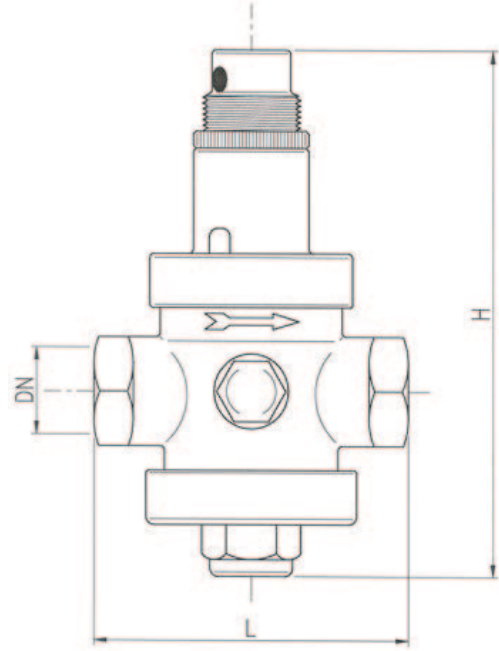
BASINÇ KAYBI VE BOŞALTIMA KAPASİTESİ EĞRİSİ



°C	-10 + 80
PN	16

BASINÇ DÜŞÜRÜCÜ VANA / PRESSURE REDUCING VALVE

uni
val



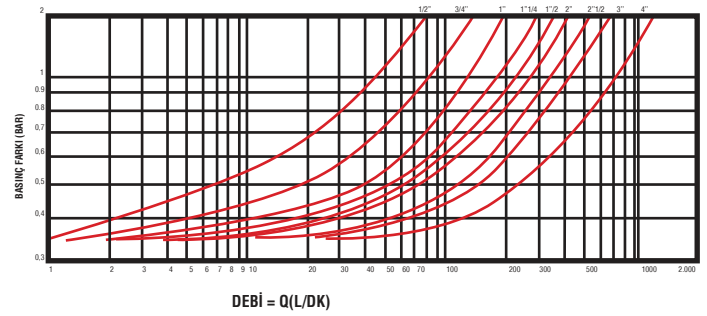
Malzeme / Material

NO	PARÇA ADI / PART NAME	MALZEME / MATERIAL
1	GÖVDE / BODY	PIRİNÇ / BRASS
2	İÇ PARÇALAR / INNER PARTS	PIRİNÇ / BRASS
3	SİT / SEAT	PIRİNÇ / BRASS
4	O-RİNG / O-RING	NBR / NBR

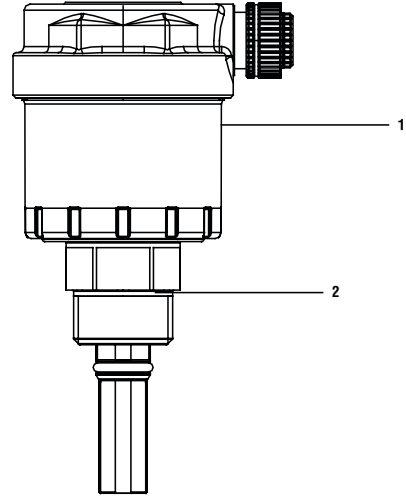
Basınç Düşürücü Vana / Pressure Reducing Valve

Anma Basıncı Nominal Pressure	PN16										
Anma Çapı Valve Size		3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Vana Boyutları Valve Dimensions	L	75	75	85	89	125	130	138	145	177	190
	H	120	120	150	160	220	220	250	260	285	310

BASINÇ KAYBI VE BOŞALTIMA KAPASİTESİ EĞRİSİ

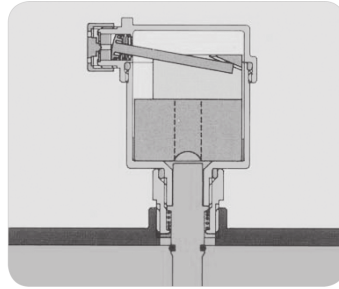
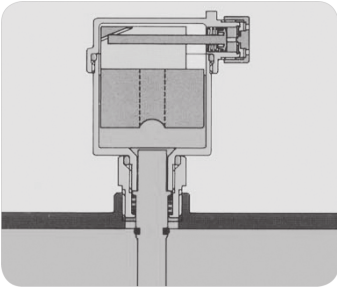


°C	-10 130
PN	16

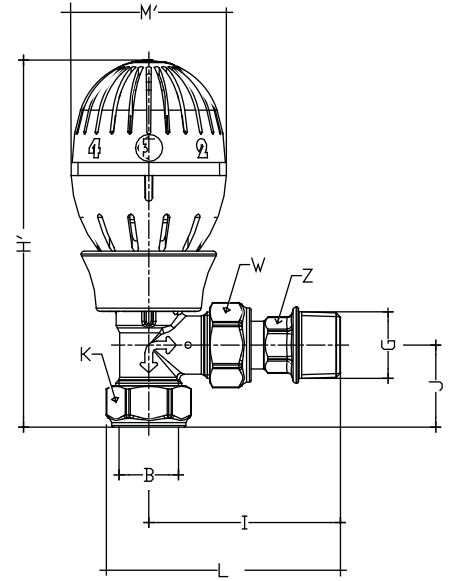


Malzeme / Material

NUMARA NUMBER	PARÇA ADI / PART NAME	MALZEME / MATERIAL
1	GÖVDE / BODY	PİRİNÇ / BRASS
2	ÇEK VALF / CHECK VALVE	PİRİNÇ + PTFE / BRASS + PTFE



°C	-10 +120
PN	14

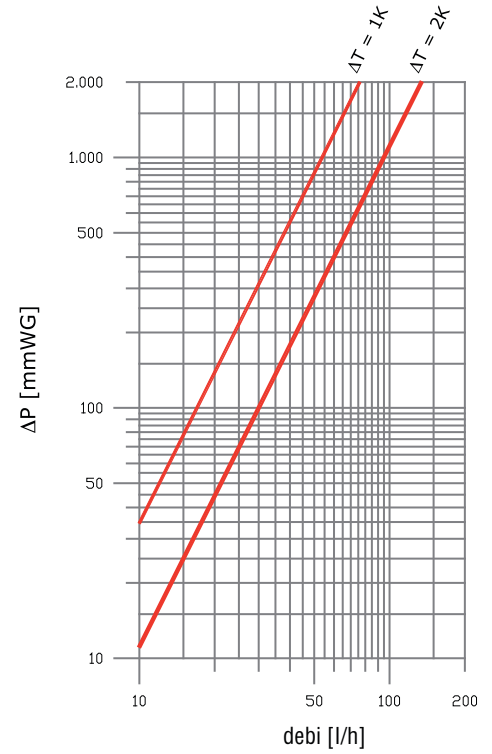


Malzeme / Material

Numara Number	PARÇA ADI / PART NAME	MALZEME / MATERIAL
1	GÖVDE / BODY	PİRİNÇ / BRASS
2	RAKOR / UNION	PİRİNÇ / BRASS
3	SENSÖR / SENSOR	SIVI / LIQUID

Termostatik Radyatör Vanası / Thermostatic Radiator Valve

GXB	H'	I	J	L'	M'	K	Z
1/2" X 15	114	61	26	85	48	24	16

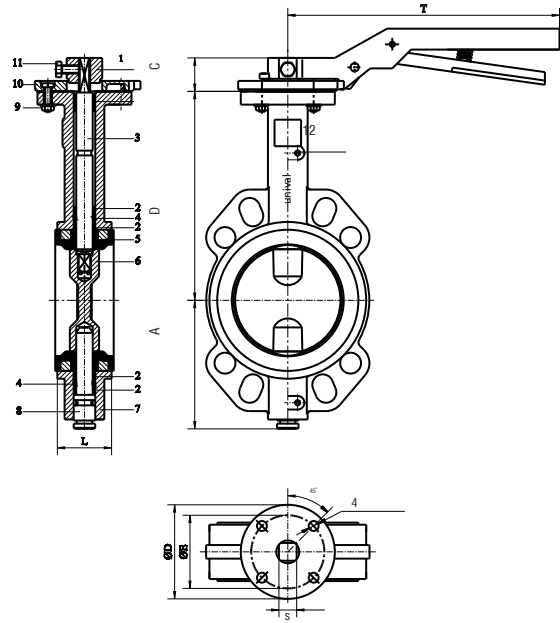


°C	-10 + 110
PN	14

	Kv
ΔT=1K	0,17
ΔT=2K	0,30

WAFER TİP KELEBEK VANA / WAFER TYPE BUTTERFLY VALVE

uni
val



MALZEME / Material

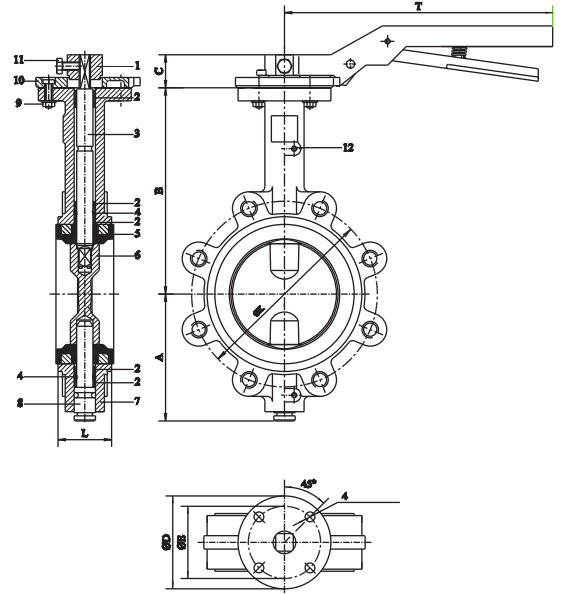
NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	KOL	LEVER	GG25 / CAST IRON
2	BURÇ	BUSHING	PTFE / PTFE
3	ÜST MİL	UPPER STEM	PASLANMAZ ÇELİK / STAINLESS STEEL
4	O-RİNG	O-RING	NBR / EPDM
5	SİT	SEAT	NBR / EPDM / VITON
6	KLAPE	DISC	Nİ. KAPLI (PLATED) GGG 40 / SS / ALBRNZ
7	GÖVDE	BODY	GG25 / GGG 40.3
8	ALT MİL	LOWER STEM	PASLANMAZ ÇELİK / STAINLESS STEEL
9	CİVATA VE SOMUN	BOLT & NUT	KARBON ÇELİK / CARBON STEEL
10	AYNA	THROTTLING PLATE	GGG 40.3
11	SABİTLEME VİDASI	SCREW	KARBON ÇELİK / CARBON STEEL
12	PİM	SPRING PIN	KARBON ÇELİK / CARBON STEEL

Wafer Tip Kelebek Vana / Wafer Type Butterfly Valve

Anma Basıncı Nominal Pressure	PN16										
Anma Çapı Valve Size		40	50	65	80	100	125	150	200	250	300
Vana Boyutları Valve Dimensions	A	79	85	98	104	123	136	148	186	212	251
	B	145	162	174	181	200	213	225	260	292	337
	C	32	32	32	32	32	32	32	38	38	38
	D	65	65	65	65	90	90	90	125	125	125
	E	50	50	50	50	70	70	70	102	102	102
	F	7	7	7	7	9,5	9,5	9,5	11,5	11,5	11,5
	L	33	42	45	45	52	54	56	60	66	77
	S	9	9	9	9	11	14	14	17	22	22
	T	210	210	210	210	260	260	260	360	360	360

°C	-10 +120
PN	16

LUG TİPİ KELEBEK VANA / LUG TYPE BUTTERFLY VALVE



Malzeme / Material

NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	KOL	LEVER	GG25 / CAST IRON
2	BURÇ	BUSHING	PTFE / PTFE
3	ÜST MİL	UPPER STEM	PASLANMAZ ÇELİK / STAINLESS STEEL
4	O-RING	O-RING	NBR / EPDM
5	SİT	SEAT	NBR / EPDM / VITON
6	KLAPE	DISC	Nİ. KAPLI (PLATED) GGG 40 / SS / ALBRNZ
7	GÖVDE	BODY	GG25 / GGG 40.3
8	ALT MİL	LOWER STEM	PASLANMAZ ÇELİK / STAINLESS STEEL
9	CİVATA VE SOMUN	BOLT & NUT	KARBON ÇELİK / CARBON STEEL
10	AYNA	THROTTLING PLATE	GGG 40.3 / GGG 40.3
11	SABİTLEME VİDASI	SCREW	KARBON ÇELİK / CARBON STEEL
12	PİM	SPRING PIN	KARBON ÇELİK / CARBON STEEL

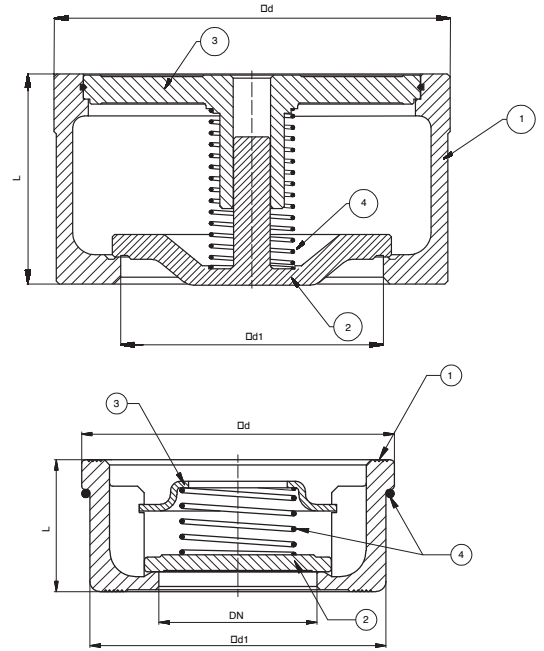
Lug Tipi Kelebek Vana / Lug Type Butterfly Valve

Anma Basıncı Nominal Pressure	PN16									
Anma Çapı Valve Size	40	50	65	80	100	125	150	200	250	300
Vana Boyutları Valve Dimensions	A	79	85	98	104	123	136	148	186	212
	B	145	162	174	181	200	213	225	260	292
	C	32	32	32	32	32	32	38	38	38
	D	65	65	65	65	90	90	90	125	125
	E	50	50	50	50	70	70	70	102	102
	F	7	7	7	7	9,5	9,5	9,5	11,5	11,5
	L	33	42	45	45	52	54	56	60	66
	K	110	125	145	160	180	210	240	295	355
	N-M	4xM16	4xM16	4xM16	8xM16	8xM16	8xM16	12xM20	12xM24	12xM24
	S	9	9	9	9	11	14	14	17	22
	T	210	210	210	210	260	260	260	360	360

°C	-10 +120
PN	16

DİSK ÇEK VANA / DISC TYPE CHECK VALVE

uni
val



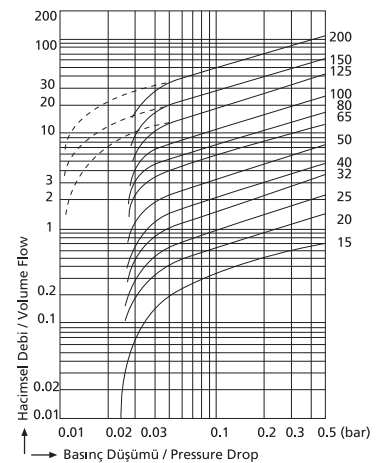
Malzeme / Material

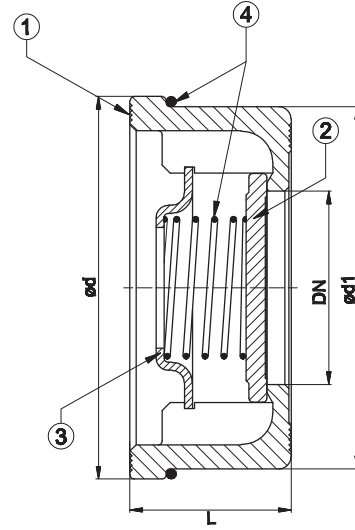
DN15...DN100					DN125...DN200				
NUMARA NUMBER	PARÇA ADI / PART NAME	MALZEME / MATERIAL			PARÇA ADI / PART NAME	MALZEME / MATERIAL			
1	GÖVDE / BODY	PİRİNÇ / BRASS			GÖVDE / BODY	GGG 50 / GGG 50			
2	KLAPE / DISC	PASLANMAZ ÇELİK / STAINLESS STEEL			KLAPE / DISC	GGG 50 / GGG 50			
3	KILAVUZ / GUIDE	PASLANMAZ ÇELİK / STAINLESS STEEL			KILAVUZ / GUIDE	GGG 50 / GGG 50			
4	YAY / SPRING	PASLANMAZ ÇELİK / STAINLESS STEEL			YAY / SPRING	PASLANMAZ ÇELİK / STAINLESS STEEL			

Disk Çek Vana / Disc Type Check Valve

Anma Çapı Valve Size	DN	15	20	25	32	40	50	65	80	100	125	150	200
Anma Boyutları Valve Dimensions	Ød	40	47	56	72	82	95	115	132	152	184	209	264
	Ød1	15	20	25	31,5	39	48	64	74	89	112	132	175
	L	16	19	22	28	31,5	40	46	50	60	90	196	140

°C	-10 +120
PN	16





Malzeme / Material

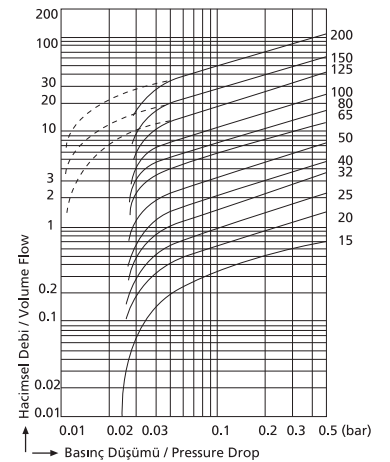
DN15...DN200

NUMARA NUMBER	PARÇA ADI / PART NAME	MALZEME / MATERIAL
1	GÖVDE / BODY	PASLANMAZ ÇELİK / STAINLESS STEEL
2	KLAPE / DISC	PASLANMAZ ÇELİK / STAINLESS STEEL
3	KILAVUZ / GUIDE	PASLANMAZ ÇELİK / STAINLESS STEEL
4	YAY / SPRING	PASLANMAZ ÇELİK / STAINLESS STEEL

Paslanmaz Çelik Disk Çek Vana / Disc Type Check Valve - Stainless Steel

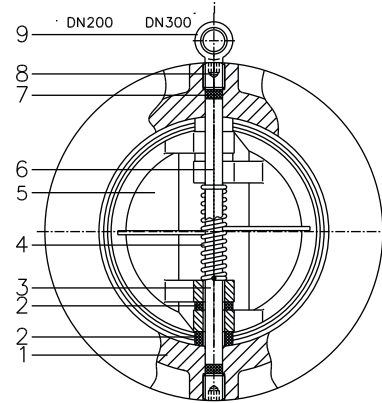
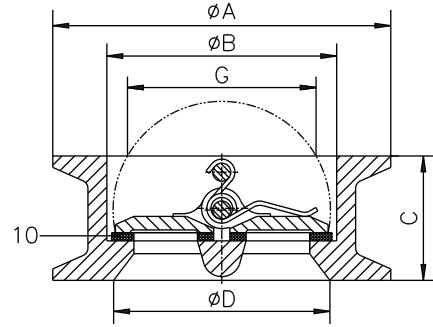
Anma Çapı Valve Size	DN	15	20	25	32	40	50	65	80	100	125	150	200
Ød	40	47	56	72	82	95	115	132	152	184	209	264	
Anma Boyutları Valve Dimensions	Ød1	15	20	25	31,5	39	48	64	74	89	112	132	175
	L	16	19	22	28	31,5	40	46	50	60	90	196	140

°C	-10 + 350
PN	40



ÇİFT KLAPELİ ÇEK VANA / DUAL PLATE CHECK VALVE

uni
val



Malzeme / Material

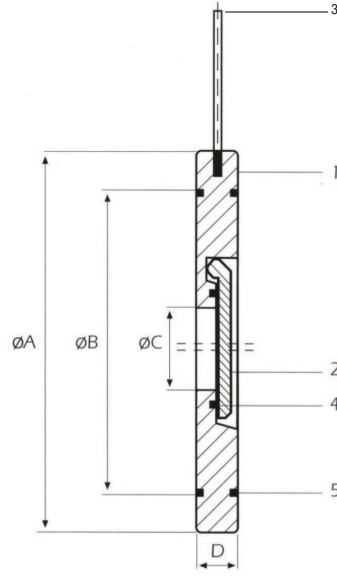
NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	GÖVDE	BODY	GG25 / GG25
2	DİSK YATAĞI	WASHER	PASLANMAZ ÇELİK / PTFE
3	ALT MİL	LOWER SHAFT	PASLANMAZ ÇELİK / STAINLESS STEEL
4	YAY	SPRING	PASLANMAZ ÇELİK / STAINLESS STEEL
5	KLAPE	DISC	PASLANMAZ ÇELİK / STAINLESS STEEL
6	ÜST MİL	UPPER SHAFT	PASLANMAZ ÇELİK / STAINLESS STEEL
7	MİL TAMPONU	PIN STABILIZER	LASTİK / RUBBER
8	TAPA	PLUG	ÇELİK / STEEL
9	MAPA	EYE BOLT	ÇELİK / STEEL
10	SİT	SEAT	EPDM / EPDM

Çift Klapeli Çek Vana / Dual Plate Check Valve

Anma Basıncı Nominal Pressure	PN16									
Anma Çapı Valve Size	DN	50	65	80	100	125	150	200	250	300
Vana Boyutları Valve Dimensions	A	107	127	142	162	192	218	273	328	378
	B	65	80	94	117	145	170	224	265	310
	C	43	46	64	64	70	76	89	114	114
	D	59	78	91	110	142	170	222	264	310
	G	49,7	62,6	68,9	97,3	121,4	144,6	197,7	233,7	283,8

°C	-10 +120
PN	16

SWING ÇEK VANA / SWING CHECK VALVE



Malzeme / Material

DN32...DN300

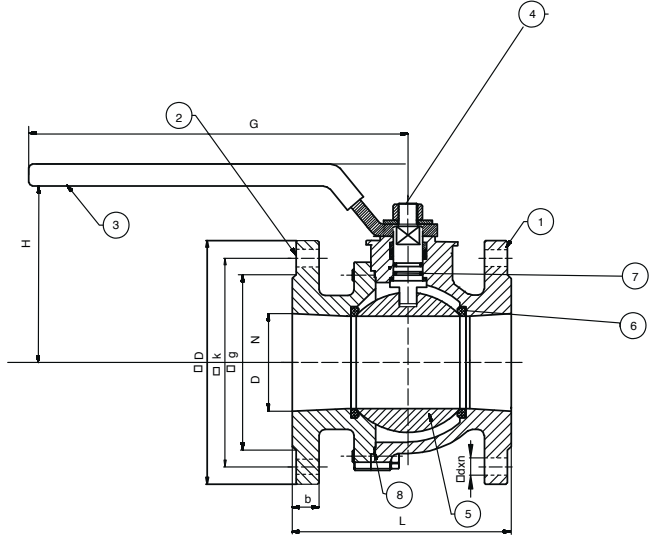
NUMARA NUMBER	PARÇA ADI / PART NAME	MALZEME / MATERIAL
1	GÖVDE / BODY	PASLANMAZ ÇELİK / STAINLESS STEEL
2	KLAPE / DISC	PASLANMAZ ÇELİK / STAINLESS STEEL
3	KILAVUZ / GUIDE	PASLANMAZ ÇELİK / STAINLESS STEEL
4	O-RİNG / O-RING	EPDM / EPDM
5	O-RİNG / O-RING	EPDM / EPDM

Swing Çek Vana / Swing Check Valve

Anma Çapı Valve Size	DN	32	40	50	65	80	100	125	150	200	250	300
Anma Boyutları Valve Dimensions	ØA	85	94	109	130	145	165	200	220	275	330	380
	ØB	72	80	90	110	120	145	170	200	255	300	350
	ØC	18	22	32	40	54	70	92	112	154	192	227
	D	14	14	14	14	14	18	18	20	22	26	32

°C	-10 + 130
PN	16

PİK DÖKÜM KÜRESEL VANA / CAST IRON BALL VALVE



Malzeme / Material

NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	FLANŞ	FLANGE	GG25 / GG25
2	GÖVDE	BODY	GG25 / GG25
3	KOL	LEVER	ST 37 / ST 37
4	MİL	STEM	PASLANMAZ ÇELİK / STAINLESS STEEL
5	KÜRE	BALL	PASLANMAZ ÇELİK / STAINLESS STEEL
6	RİNGLER	SEALS	PTFE / PTFE
7	O-RİNGLER	O-RING	EPDM / EPDM
8	CONTA	GASKET	PTFE / PTFE

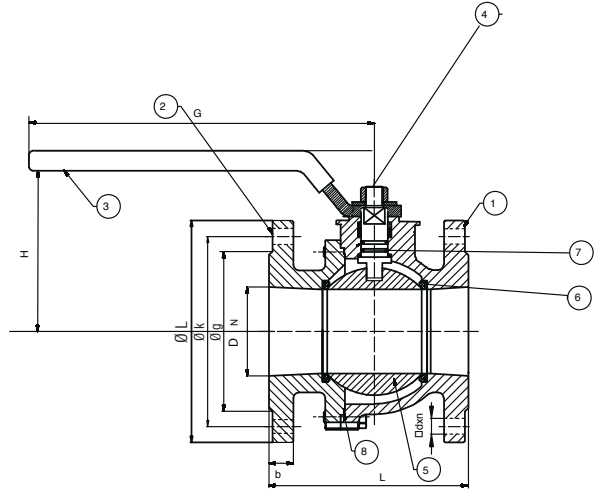
Pik Döküm Küresel Vana / Cast iron Ball Valve

Anma Basıncı Nominal Pressure	PN16										
Anma Çapı Valve Size	DN	25	32	40	50	65	80	100	125	150	200
Vana Boyutları Valve Dimensions	L	125	130	140	150	170	180	190	325	350	400
	G	155	190		260		335	375	700		
	H	103	110	120	130	140	155	170	190	245	280
	ØD	115	140	150	165	185	200	220	250	285	340
	Øk	85	100	110	125	145	160	180	210	240	295
	Øg	65	76	84	99	118	132	156	184	211	266
	b	16	18		20	22	24		26	30	
	Ød	14			19				19	23	
	n			4			8		8		12

°C	-10 +120
PN	16

PASLANMAZ FLANŞLI KÜRESEL VANA / BALL VALVE (FLANGED - STAINLESS STEEL)

uni
val



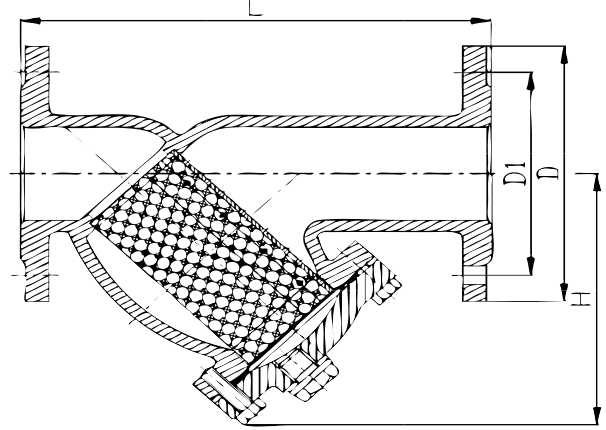
Malzeme / Material

NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	FLANŞ	FLANGE	PASLANMAZ ÇELİK / STAINLESS STEEL
2	GÖVDE	BODY	PASLANMAZ ÇELİK / STAINLESS STEEL
3	KOL	LEVER	ST 37 / ST 37
4	MİL	STEM	PASLANMAZ ÇELİK / STAINLESS STEEL
5	KÜRE	BALL	PASLANMAZ ÇELİK / STAINLESS STEEL
6	RİNGLER	SEALS	PTFE / PTFE
7	O-RİNGLER	O-RING	EPDM / EPDM
8	CONTA	GASKET	PTFE / PTFE

Paslanmaz Flanşlı Küresel Vana / Ball Valve (Flanged - Stainless Steel)

Anma Basıncı Nominal Pressure	PN16										
Anma Çapı Valve Size	DN	25	32	40	50	65	80	100	125	150	200
Vana Boyutları Valve Dimensions	L	125	130	140	150	170	180	190	325	350	400
	G	155	190		260		335	375	700		
	H	103	110	120	130	140	155	170	190	245	280
	ØD	115	140	150	165	185	200	220	250	285	340
	Øk	85	100	110	125	145	160	180	210	240	295
	Øg	65	76	84	99	118	132	156	184	211	266
	b	16	18		20	22	24		26		30
	Ød	14			19				19		23
	n			4			8		8		12

°C	-10 +120
PN	16



Malzeme / Material

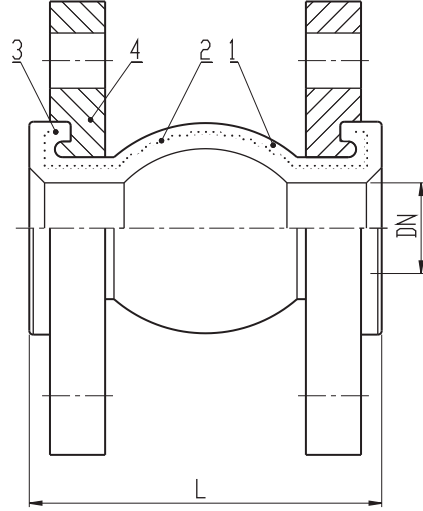
NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	GÖVDE	BODY	GG25 / GG25
2	KAPAK	BONET	GG25 / GG25
3	FİLTRE	FILTER	PASLANMAZ ÇELİK / STAINLESS STEEL

Anma Basıncı
Nominal Pressure

PN16

Anma Çapı Valve Size	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
Vana Boyutları Valve Dimensions	L	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
	H	72	80	90	105	115	170	205	210	235	270	310	390	430	500	650	690
	D	95	105	115	140	150	165	185	200	220	250	285	340	405	460	520	580
	D1	65	75	85	100	110	125	145	160	180	210	240	295	355	410	470	525
	DELİK ADEDİ / HOLE QTY	4	4	4	4	4	4	4	8	8	8	8	12	12	12	16	16
	DELİK ÇAP / HOLE DIAMETER	14	14	14	18	18	18	18	18	18	18	23	23	27	27	27	30

°C	-10 + 300
PN	16



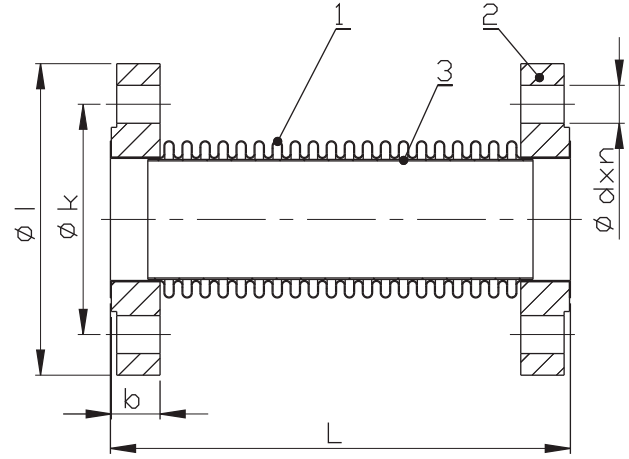
Malzeme / Material

NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	GÖVDE	BODY	EPDM, NBR / EPDM, NBR
2	TAKVİYE	LINING	NAYLON KORD BEZİ / NAYLON CORD
3	METAL TAKVİYE	UPPER STEM	ÇELİK / STEEL
4	FLANŞ	FLANGE	KARBON ÇELİK / CARBON STEEL

Kauçuk Kompansatör / Rubber Vibration Absorber

Anma Basıncı Nominal Pressure	PN16											
Anma Çapı Valve Size	DN	32	40	50	65	80	100	125	150	200	250	300
Vana Boyutları Valve Dimensions	L	95	95	105	115	135	150	165	180	210	230	245
	N-d	4x18	4x18	4x18	4x18	8x18	8x18	8x18	8x23	12x23	12x27	12x27
	D	100	110	125	145	160	180	210	240	295	355	400
Hareket Miktarı Movement	Genleşme	6	6	7	7	8	10	12	12	16	16	16
	Daralma	9	10	10	13	15	19	19	20	25	25	25
	Açılma	15°										

°C	-10 +120
PN	16



Malzeme / Material

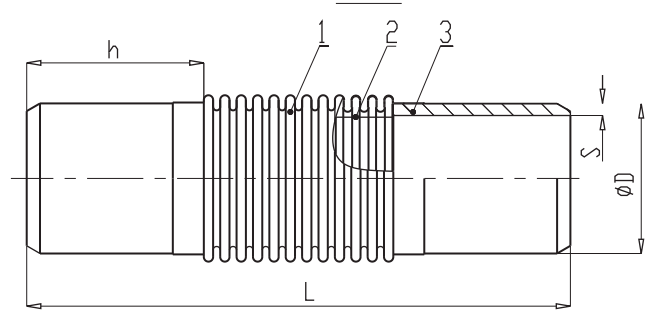
NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	KÖRÜK	BELLOWS	PASLANMAZ ÇELİK / STAINLESS STEEL
2	FLANŞ	FLANGE	KARBON ÇELİK / CARBON STEEL
3	LAYNER	LINGER	PASLANMAZ ÇELİK / STAINLESS STEEL

Flanşlı Metal Kompansatör / Metal Bellows Expansion Joints

Anma Basıncı Nominal Pressure	PN16												
Anma Çapı Valve Size	DN	25	32	40	50	65	80	100	125	150	200	250	300
Genleşme (30mm)	L	110	110	120	120	120	120	120	125	130	150	165	165
Genleşme (60mm)	L	-	-	-	-	180	180	185	190	200	230	245	245
Vana Boyutları Valve Dimensions	D	115	140	150	165	185	200	220	250	285	340	405	445
	k	85	100	110	125	145	160	180	210	240	295	355	400
	b	18					20		22		24	26	26
	dxn	14x4	18x4				18x8		22x8	22x12	26x12		

°C	-10 +425
PN	16/25

KAYNAK BOYUNLU KOMPANSATÖR / EXPANSION JOINT - WELDED END



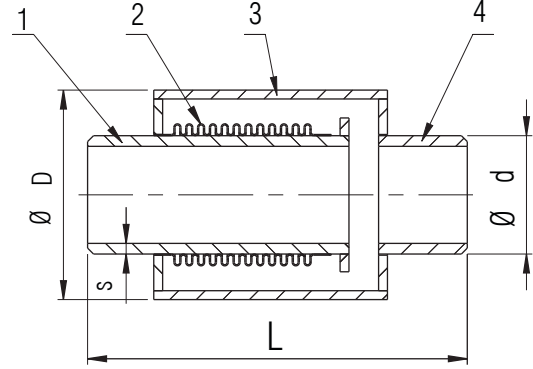
Malzeme / Material

NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	KÖRÜK	BELLOWS	PASLANMAZ ÇELİK / STAINLESS STEEL
2	LAYNER	LINER	PASLANMAZ ÇELİK / STAINLESS STEEL
3	KAYNAK BOYNU	WELDED NECK	KARBON ÇELİK / CARBON STEEL

Kaynak Boyunlu Kompansatör / Expansion Joint - Welded End

Anma Basıncı Nominal Pressure	PN16												
Anma Çapı Valve Size	DN	25	32	40	50	65	80	100	125	150	200	250	300
Genleşme (30mm)	L	180	180	190	190	190	190	200	200	250	270	310	310
Genleşme (60mm)	L	-	-	-	-	240	250	270	270	320	340	395	395
Vana Boyutları Valve Dimensions	D	33,2	42,4	48,3	60,3	76,1	88,9	114,3	139,7	165	219,1	273	323,9
	s	2,6	3,2	3,2	3,6	3,6	4	4,5	5	5	5	5,6	5,6
	h	50						60	80	100			

°C	-10 +425
PN	16/25



Malzeme / Material

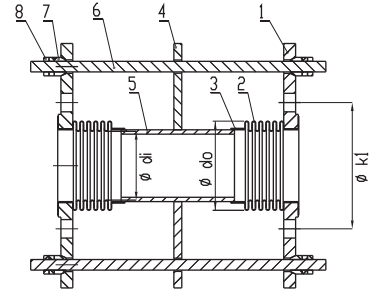
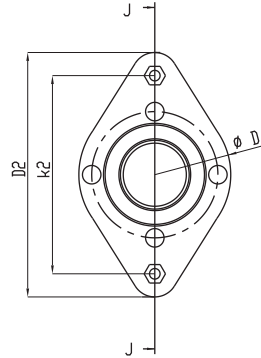
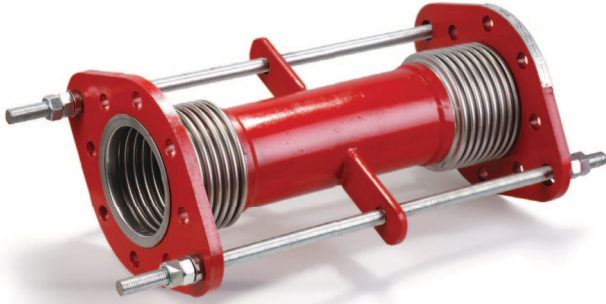
NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	İÇ BORU	INSIDE PIPE	KARBON ÇELİK / CARBON STEEL
2	KÖRÜK	BELLOWS	PASLANMAZ ÇELİK / STAINLESS STEEL
3	DIŞ BORU	OUTSIDE PIPE	KARBON ÇELİK / CARBON STEEL
4	KAYNAK BOYNU	WELDED NECK	KARBON ÇELİK / CARBON STEEL

Diştan Basıncılı Metal Kompansatör / Externally Pressurized Expansion Joints

Anma Basıncı Nominal Pressure	PN16											
Anma Çapı Valve Size	DN	25	32	40	50	65	80	100	125	150	200	250
Genleşme (30mm)	L	295	305	315	320	335	335	340	355	365	415	440
Genleşme (60mm)	L	315	425	435	440	450	455	470	485	495	540	605
Vana Boyutları Valve Dimensions	d	33,2	42,4	48,3	60,3	76,1	88,9	114,3	139,7	165	219,1	273
	s	2,6	3,2	3,2	3,6	3,6	4	4,5	5	5	5	5,6
	D	88,9			114,3			139,7	165	193,7	219,7	323,9

°C	-10 +425
PN	16

DİLATASYON KOMPANSATÖRÜ / DILATATION EXPANSION JOINT



Malzeme / Material

NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	SOMUN	NUT	KARBON ÇELİK / CARBON STEEL
2	RİNG	RING	KARBON ÇELİK / CARBON STEEL
3	LİMİT ROD FLANŞI	ROD FLANGE	KARBON ÇELİK / CARBON STEEL
4	LİMİT ROD	LIMIT ROD	KARBON ÇELİK / CARBON STEEL
5	ARA BORU	PIPE	KARBON ÇELİK / CARBON STEEL
6	BİLEZİK	METAL RING	PASLANMAZ ÇELİK / STAINLESS STEEL
7	KÖRÜK	BELLOWS	PASLANMAZ ÇELİK / STAINLESS STEEL
8	KAYNAK BOYNU	WELDED NECK	KARBON ÇELİK / CARBON STEEL

Dilatasyon Kompansatörü / Dilatation Expansion Joint

Anma Basıncı Nominal Pressure	PN16											
Anma Çapı Valve Size	DN	25	32	40	50	65	80	100	125	150	200	250
Vana Boyutları Valve Dimensions	di	33,2	42,4	48,3	60,3	76,1	88,9	114,3	139,7	165	219,1	273
	do	48,2	55	61	76	95	111	140	164	200	250	323
	D1	115	140	150	165	185	200	220	250	285	340	405
	D2	185	210	220	250	270	310	330	366	420	510	573
	K1	85	100	110	125	145	160	180	210	240	295	355
	K2	150	180	185	205	225	251	271	304	347	411	484

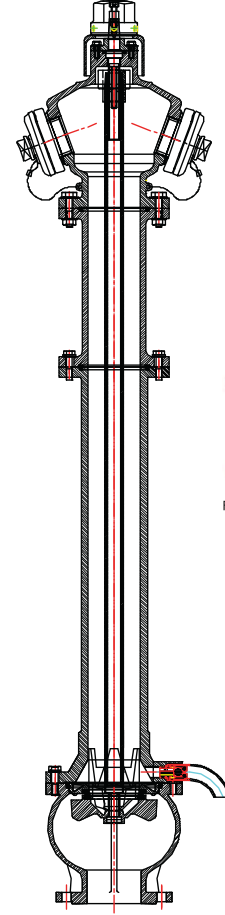
Genleşmeler / Expansions

x(mm)	30	30	30	30	60	60	60	60	60	60
y=25 mm	550	550	550	550	620	670	710	710	760	860
y=50 mm	650	650	650	650	720	770	910	910	960	1060
y=75 mm	750	750	750	750	820	870	1010	1010	1050	1050
y=100 mm	850	850	850	850	920	970	1110	1110	1160	1260

°C	-10 +425
PN	16

YER ÜSTÜ YANGIN HİDRANTI / FIRE HYDRANT

uni
vaj



FLANSLI DİRSEK (90°)
FLANGED ELBOW

Malzeme / Material

NUMARA NUMBER	PARÇA ADI	PART NAME	MALZEME / MATERIAL
1	GÖVDE	BODY	GG25 / GG25
2	ALT-ÜST BORU	UPPER-LOW PIPE	GG25 / GG25
3	KAPAK	PLUG	ALÜMİNYUM / ALUMINIUM
4	KAPLIN	COUPLINGS	ALÜMİNYUM / ALUMINIUM
5	MİL	STEM	PASLANMAZ ÇELİK / STAINLESS STEEL
6	TİJ	SPINDLE	ST50 / ST50
7	HAREKET SOMUNU	NUT	GGG40 / GGG40
8	ÇATAL	T PIECE	GGG25 / GGG25
9	BORU	PIPE	ST50 / ST50
10	KLAPE	DISC	GGG40 / GGG40
11	CONTA	SEAL	EPDM / EPDM

Yer Üstü Yangın Hidrantı / Fire Hydrant

Anma Basıncı Nominal Pressure	PN16		
Anma Çapı Valve Size	DN	100	100
Vana Boyutları Valve Dimensions	L	1435	1750
	H	1250	1500
	h1	1030	1030
	h2	630	630

DOĞU AVRUPA, KUZEY AFRİKA, ORTA DOĞU, YAKIN ASYA DİSTRİBÜTÖRÜ

UNİTES TESİSAT TEKNOLOJİLERİ SANAYİ ve TİCARET LİMİTED ŞİRKETİ

Mermeciler Organize Sanayi Bölgesi

Mermeciler Cad. No:10 Tuzla / İstanbul TURKEY

T: +90 216 593 3838 F: +90 216 593 2411 / 593 2413

www.unites.com.tr e-mail:info@unites.com.tr