

VISVANA VISVANA VISVANA

VISVANA VISVANA

www.visvana.com



Marine Valves Product Catalogue

where the fluid
flows...

GEMİ VANALARI ÜRÜN KATALOĞU



visvana

product catalogue - ürün kataloğu



Designing, pattern process, casting, machining, assembling, testing and approvals are performed in our facilities.

Dizayn, model imalatı, döküm, işleme, montaj, test ve onayları tesislerimizde yapılmaktadır.



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VISVANA 



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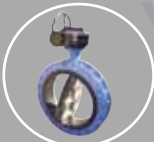
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General Information

genel bilgiler

Vis Vana which has ISO 9001 and CE certificate, has 6800 square meter total area and 3400 square meter manufacturing facilities where technologically advanced machining processes located.



Machining,

assembling, testing and approvals are performed in our facilities and casting is performed by in facility and outsource which are approved by



ISO 9001 ve CE

sertifikasına sahip olan Vis Vana, ileri teknoloji üretimini, 3400m² kapalı olmak üzere 6800m² toplam alanda gerçekleştirmektedir.

Döküm

işleminin bir kısmı kendi tesislerimizde bir kısmını ise Bureau Veritas, Lloyds Register, DNV, GL gibi bağımsız kuruluşlardan onaylı anlaşmalı dokümhanelerde gerçekleştiriyoruz.





Vis Vana

PN6'dan PN320'ye,
Class150'den
Class2500'e DN15'ten
DN2000'e ½"den
80"e kadar basınç ve
ölçülerde üretim yapar.



Vis Vana

Bureau Veritas, Lloyds Register, DNV, GL. Beside this, as request of the customers these 3rd party inspection companies inspect the test pressure in the facility.

Finally, due to having excellent service to our customers, Vis Valve exports the goods to 44 countries that's why, this makes stronger and more careful to develop themselves.

As a result; Vis Vana family believes that Vis Vana offers most efficient commercial package to the valve markets.

Due to obtaining positive synergy with our personel, Vis Valve will always be strong and active to serve our customers.

Döküm işleminin bir kısmını tesislerde bir kısmını Bureau Veritas, Lloyds Register, DNV, GL gibi bağımsız kuruluşlardan onaylı anlaşmalı dökümhanelerde gerçekleştiren Vis Vana; işleme, montaj, test ve onayı kendi tesislerinde gerçekleştirir. Ayrıca bazı siparişlerde müşterinin isteği üzerine bağımsız kuruluşlar basınç testi için tesislere gelmektedir.

Son olarak; ürün kalitesi ve efektif müşteri hizmetinden dolayı, Vis Vana ürünlerini 44 ülkeye ihraç eder. Bu durum, kendilerini geliştirmek için Vis Vana'yı daha dikkatli ve güçlü yapar.

Sonuç olarak; Vis Vana ailesi vana sektörüne en verimli ticari paketi sunduğuna inanır. Çalışanlarından edinilen pozitif sinerjiden dolayı müşterilerine hizmet ederken her zaman aktiftir, güçlüdür ve güçlü olmaya devam edecektir.

**Vis Vana; işleme,
montaj, test ve onayı
kendi tesislerinde
gerçekleştirir.**





Standart ve özel vana üretimi

Manufacturing standard & special valves

Milestone / özgeçmiş

1983

Started to manufacture Globe Valve and Safety Valve in DIN standards

1987

ANSI Gate Valve, Globe Valve and Check Valve production

1989

Marine Valves production and built 2nd facility

1992

Butterfly Valve production

1983

DIN Standartı'nda ilk defa Buhar Vanası ve Emniyet Ventili üretildi

1987

ANSI Sürgülü Vana, Buhar Vanası ve Çek Valf Üretimi

1989

Gemi Vanaları üretimine başlandı ve ikinci tesis inşa edildi

1992

Kelebek Vana üretimi

1995

Moved 2nd facility in Istanbul

1997

First export

1999

Diaphragm Valves, Pinch Valve, Plug Valve starts

2003

ISO 9001, CE

1995

İstanbul'daki ikinci tesiste üretime devam edildi

1997

İlk ihracat

1999

Diyaframlı Vana, Pinç Vana ve Blöf Vana üretimine başlandı

2003

ISO 9001, CE sertifikası alındı



44 ülkeye ihracat
Exporting to 44 countries

2004

Vis Valve moved facility from Eyup to Buyukcekmece facility (current site)

2006

Pattern workshop

2009

Factory enlargement

2012

Built foundry

2013

Investment on advanced technological machines

2004

Fabrika Eyüp'ten Büyükçekmece'ye, şu anki tesise taşındı.

2006

İlk modelhane

2009

Fabrika genişletildi

2012

Dökümhane kuruldu

2013

İleri teknoloji makina yatırımı yapıldı

Now and future;

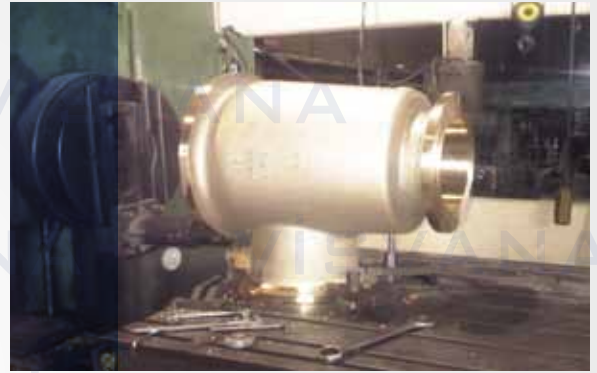
Due to having production ANSI and DIN valves in same facility, Vis Valve is very flexible to serve their customers not only in one kind of standart but also other standards. Also, Vis Valve has highly educated personells in sales and production departments which makes them and customers very active in valve markets. Vis Valve does not only supply standart valves but also they produce specialized valves to their customers and their consultants.



Angle Type Fire Valve PN16
DN 50 with NOR Coupling

Şimdi ve gelecek;

Vis Vana; aynı tesislerde ANSI ve DIN vanaları ve diğer standartları da ürettiğinden dolayı müşteri hizmetine ürün sunmada çok esnekler. Vis Vana ayrıca satış ve üretim departmanında yüksek eğitimli personele sahiptir. Bu durum, onları ve de müşterilerini vana sektöründe aktifleştirir. Vis Vana standart vana yanında müşterilerine ve uzmanlarına özel vanalar da tedarik eder.



Angle Type Mud Box PN6
DN 300, Body material CuSn10



Gate Valve PN16
DN 200

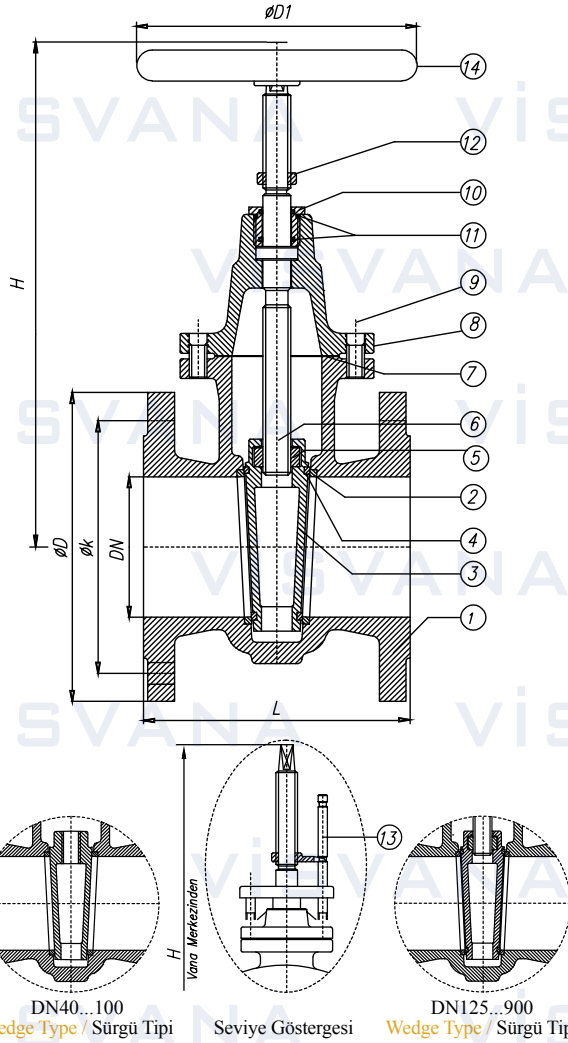


Straight Type Mud Box PN4
DN 400, Body material Rg5

GATE VALVE with indicator

SEVİYE GÖSTERGELİ SÜRGÜLÜ VANA

VSV-10



Design / Dizayn: EN 1171

Face to Face / L Boyu: EN 558

Serie 14 (DN3202 F4)

Pressure Rate / Basınç Aralığı: PN10-PN16

Size Range / Ölçü Aralığı: DN40-DN1000

Temperature / Sıcaklık: -10....+120 °C

Flange Ends / Flanş: DIN EN 1092-2/B

Test: EN 12266



1

DN40...100
Wedge Type / Sürgü Tipi

Seviye Göstergesi

DN125...900
Wedge Type / Sürgü Tipi

NO	PART NAME	PARÇAADI	MATERIAL / MALZEME	NO	PART NAME	PARÇAADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 / GGG-40 / GGG40.3 / GSC25 / Bronze RG5, RG7, RG10/ SS304, SS316	7	Gasket	Conta	EPDM/ NBR / Klingerit / Graphite
2	Body seat	Gövde Burcu	Bronze / SS304, SS316	8	Bonnet	Kapak	GG 25 / GGG-40 / GGG40.3 / GSC25 / Bronze RG5, RG7, RG10/ SS304, SS316
3	Wedge	Sürgü	GG 25 / GGG-40 / GGG40.3 / GSC25 / Bronze RG5, RG7, RG10/ SS304, SS316	9	Bolt	Civata	8.8 / A2 / A4
4	Wedge seat	Sürgü Burcu	Bronze / SS304, SS316	10	Packing nut	Mil Somunu	Ms 58/Bronze/S.S
5	Stem nut Only 125...900	Sürgü Somunu Sadece 125...900	Ms58/Bronze /GGG 40	11	O-Ring	O-Ring	EPDM
6	Stem	Mil	Ms58/Som59/CuZn35Ni/CuSn8, CuSn10/SS420,SS304,SS316	12	Indicator	Gösterge	Ms 58/ SS420, SS304, SS316
				13	Indicator Pin	Gösterge Pimi	Ms 58/ SS420, SS304, SS316
				14	Handwheel	Volan	GG 20

Nominal Pressure / Anma Basıncı	PN	16-10							10-6			6-4			4-2,5		2,5-1,6	1,6-1		
Nominal Diameter / Anma Çapı	DN	40	50	65	80	100	125	150	200	250	300	350	400	500	600	700	800	900	1000	
Valve Dimensions / Vana Boyutları DIN EN 1171	L	140	150	170	180	190	200	210	230	250	270	290	310	350	390	430	470	510	550	
	H	190	235	260	290	310	435	455	580	720	815	925	1030	1265	1450	1650	1860	1990	2030	
	D1	160				200			250			315		400		500		630		800
Flange Dimensions / Flanş Ölçüleri DIN 2501 - EN 1092-2	PN10	D	150	165	185	200	220	250	285	340	395	445	505	565	670	780	895	1015	1115	1230
		k	110	125	145	160	180	210	240	295	350	400	460	515	620	725	840	950	1050	1060
Flange Dimensions / Flanş Ölçüleri DIN 2501 - EN 1092-2	PN16	D	150	165	185	200	220	250	285	340	405	460	420	580	715	840	910	1025	1125	1255
		k	110	125	145	160	180	210	240	295	355	410	470	525	650	770	840	950	1050	1170
Weight / Ağırlık	kg	8.5	10.5	11.4	11.6	22.5	37.5	45	82	125	178	228	293	465	685	875	1205	1405	1540	

Design / Dizayn: EN 1171

Face to Face / L Boyu: EN 558

Serie 14 (DN3216 F4)

Pressure Rate / Basınç Aralığı: PN16

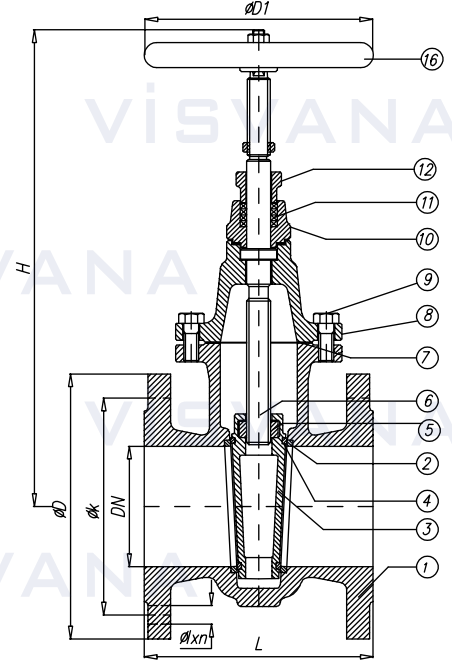
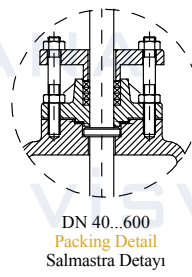
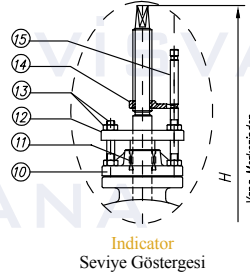
Size Range / Ölçü Aralığı: DN40-DN600

Temperature / Sıcaklık: -10...+120 °C

Flange Ends / Flanş: DIN EN 1171

Test: EN 12266

Options : Double threaded stem, drain plug, electrical actuator, pneumatic actuator, linear or multiturn hydraulic actuator, iso top flange for actuator mounting
Flange options: ANSI, JIS



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 / GGG-40 / GGG40.3 / GSC25 / Bronze RG5, RG7, RG10 / SS304, SS316	9	Bolt	Civata	8.8 / A2 / A4
2	Body seat	Gövde Burcu	Bronze RG5 / SS304, SS316	10	Stuffing Box	Salmastra Yuvası	GG 25 / GGG-40 / GGG40.3 / GSC25 / Bronze RG5, RG7, RG10 / SS304, SS316
3	Wedge	Sürgü	GG 25 / GGG-40 / GGG40.3 / GSC25 / Bronze RG5, RG7, RG10 / SS304, SS316	11	Packing	Salmastra	Graphite / Teflon
4	Wedge seat	Sürgü Burcu	Bronze RG5 / SS304, SS316	12	Gland	Baskı	GG 25 / GGG-40 / GGG40.3 / GSC25 / Bronze RG5, RG7, RG10 / SS304, SS316
5	Stem nut	Sürgü Somunu	Ms58 / Bronze / SS	13	Stud, Nut	Saplama, Somun	Steel / A2 / A4
6	Stem	Mil	Ms58/Som59/CuZn35Ni/CuSn8, CuSn10/SS420,SS304,SS316	14	Indicator	Gösterge	CuSn5ZnPb5-C(Rg-5)
7	Gasket	Conta	EPDM / Klingerit / Graphite	15	Indicator Pin	Gösterge Pimi	Ms 58 / SS420,SS304,SS316
8	Bonnet	Kapak	GG 25 / GGG-40 / GGG40.3 / GSC25 / Bronze RG5, RG7, RG10 / SS304, SS316	16	Handwheel	Volan	GG 25

Nominal Pressure / Anma Basıncı	PN	16-10							10-6			6-4			4-2,5
Nominal Diameter / Anma Çapı	DN	40	50	65	80	100	125	150	200	250	300	350	400	500	600
Valve Dimensions / Vana Boyutları DIN EN 1171 DIN EN 558-1/14 DIN EN 3352/2-F4	L	140	150	170	180	190	200	210	230	250	270	290	310	350	390
	H	195	235	260	280	310	435	455	580	720	815	925	1030	1285	1450
	D1	160				200			250		315		400		500
Flange Dimensions / Flanş Ölçüleri DIN EN 1092 PN10	D	150	165	185	200	220	250	285	340	395	445	505	565	670	780
	k	110	125	145	160	180	210	240	295	350	400	460	515	620	725
Flange Dimensions / Flanş Ölçüleri DIN EN 1092 PN16	Ølxn	Ø18x4			Ø18x8			Ø22x8		Ø22x12		Ø22x16	Ø26x16	Ø26x20	Ø30x20
	D	150	165	185	200	220	250	285	340	400	455	520	580	715	840
	k	110	125	145	160	180	210	240	295	355	410	470	525	650	770
Weight / Ağırlık	Ølxn	Ø18x4			Ø18x8			Ø22x8		Ø22x12		Ø22x16	Ø26x16	Ø26x20	Ø36x20
	kg	11	13	18	21	26	41	52	81	120	165	222	280	445	605

GATE VALVE WITH STUFFING BOX & INDICATOR

SÜRGÜLÜ VANA (BASKI YUVALI VE GÖSTERGELİ)

VSG-C150



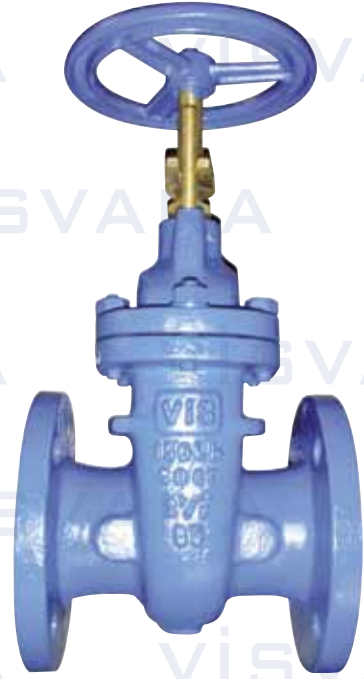
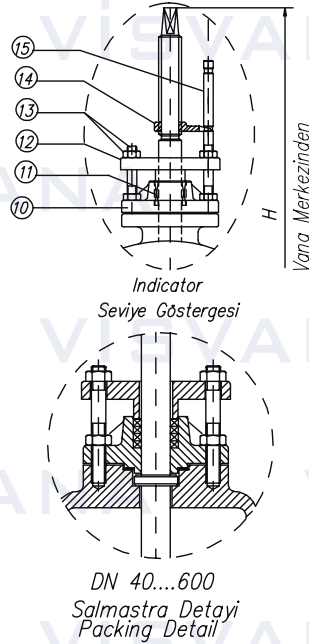
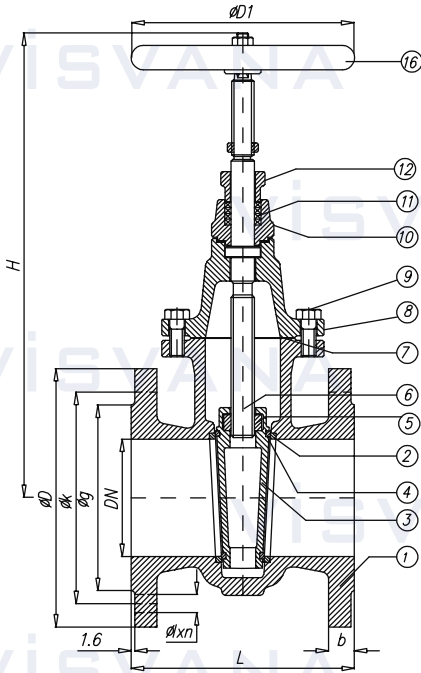
ASME B 16,10

Size Range / Ölçü Aralığı: DN40-DN600

Flange Ends / Flanş: ASME B 16,5 RF

Test: API 598

1



NO	P. NAME	P. ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	ASTM A125/A536/A216 WCB/B62/CuSn10/CF8/CF8M	9	Bolt	Civata	Steel / A2 / A4
2	Body Seat	Gövde Siti	ASTM B62 / 13 Cr / AISI 304 / AISI 316 / CuSn10	10	Stuffing Box	Salmastra Yuvası	ASTM A125/A536/A216 WCB/B62/CuSn10/CF8/CF8M
3	Wedge	Sürgü	ASTM A125/A536/A216 WCB/B62/CuSn10/CF8/CF8M	11	Packing	Salmastra	% 100 Graphite
4	Wedge Ring	Sürgü Burcu	ASTM B62 / 13 Cr / AISI 304 / AISI 316 / CuSn10	12	Gland	Baskı	A536 / A216 WCB / B62 / CuSn 10 / CF8 / CF8M
5	Wedge Nut	Sürgü Somunu	ASTM B62	13	Stud, Nut	Saplama, Somun	Steel / A2 / A4
6	Stem	Mil	CuZn45Ni / SS420 / SS304 / SS316	14	Indicator	Gösterge	Bronze
7	Gasket	Conta	Klingerite / Graphite	15	Indicator Pin	Gösterge Pimi	SS420
8	Bonnet	Kapak	ASTM A125/A536/A216 WCB/B62/CuSn10/CF8/CF8M	16	Handwheel	Volan	Galvanized Steel

Nominal Pressure / Basıncı	PN	CLASS 150													
Nominal Diameter / Anma Çapı	DN	40	50	65	80	100	125	150	200	250	300	350	400	500	600
Valve Dimensions / Vana Boyutları ASME B 16,10	L	165	178	191	203	229	254	267	292	330	356	381	406	457	508
	H	195	235	260	280	310	400	435	560	650	780	860	930	1120	1320
	D1	160		200		250		315		400		500			
Flange Dimensions / Flanş Ölçüleri ASME B 16,5 RF CLASS 150	D	127	152	178	191	229	254	279	343	406	483	533	597	699	813
	k	98,5	121	140	152	191	216	241	298	362	432	476	540	635	749
	g	73	92	105	127	157	186	216	270	324	381	413	470	584	692
	Øxn	16x4	19x4	19x8		22x8		25x12	29x12	29x16	32x20	35x20			
Weight / Ağırlık	kg	13	15	19	22	30	45	55	95	140	200	250	250	560	700

Design / Dizayn: EN 1171

Face to Face / L Boyu: EN 558

Serie 14 (DN3202 F4)

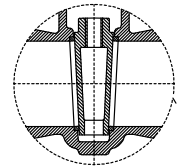
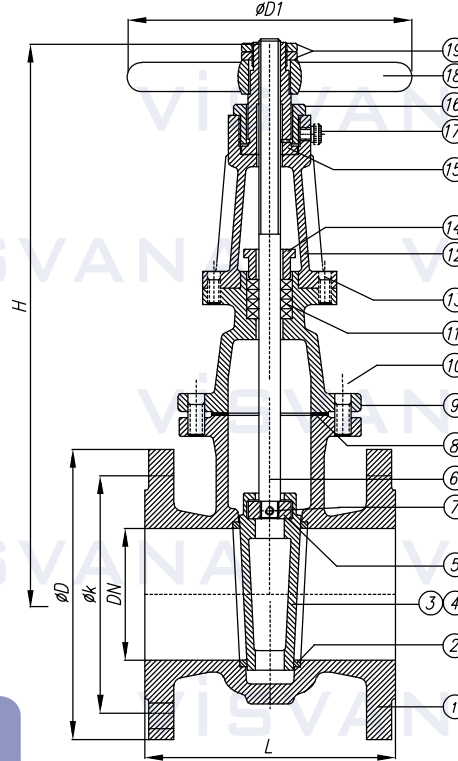
Pressure Rate / Basınç Aralığı: PN10-PN16

Size Range / Ölçü Aralığı: DN40-DN1000

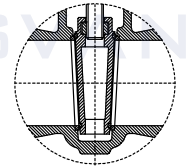
Temperature / Sıcaklık: -10....+400 °C

Flange Ends / Flanş: DIN EN 1092-2/B

Test: EN 12266



DN40...100
Wedge Type / Sürgü Tipi



DN125...600
Wedge Type / Sürgü Tipi

Pressure Range Basınç Aralığı	Cast Iron Pik Döküm GG25	Ductile Iron Sfero Döküm GGG40	Cast Steel Çelik GSC25
DN40-DN200	10	16	16
DN250-DN300	6	10	
DN350-DN500	4	6	
DN600-DN700	2,5	4	
DN800	1,6	2,5	
DN900-DN1000	1	1,6	

NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25/GGG-40/GGG40.3/GSC25/ Bronze RG5, RG7, RG10/SS304, SS316	9	Bonnet	Kapak	GG 25/GGG-40/GGG40.3/GSC25/ Bronze RG5, RG7, RG10/SS304, SS316
2	Body seat	Gövde Burcu	Ms 58/ Bronze / S.S	10	Bolt	Civata	8.8 / A2 / A4
3	Wedge	Sürgü	GG 25/GGG-40/GGG40.3/GSC25/ Bronze RG5, RG7, RG10/SS304, SS316	11	Packing	Salmastra	GRAPHITE / TEFLON
4	Wedge seat	Sürgü Burcu	Ms 58/ Bronze / S.S	12	Yoke	Boyunduruk	GG 25/GGG-40/GGG40.3/GSC25/ Bronze RG5, RG7, RG10/SS304, SS316
5	Stem nut Only 125...600	Sürgü Somunu Sadece 125...600	Bronze / GGG 40	13	Packing Nut	Salmastra Baskısı	GG 25/GGG-40/GGG40.3/GSC25/ Bronze RG5, RG7, RG10/SS304, SS316
6	Stem	Mil	SS420/Ms58/Som59/CuZn35Ni/ CuSn8,CuSn10/SS304,SS316	14	Yoke Nut	Mil Yatağı	Ms 58 / Bronze / GGG 40
7	Pin	Sabitleme Pimi	Ms 58/ Bronze / S.S	15	Centering Nut	Mil Yatağı Somunu	Ms 58 / Bronze / S.S
8	Gasket	Conta	Klingerite/ EPDM/ GRAPHITE	16	Oil Nipple	Gresörlük	St.
				17	Handwheel	Volan	GG 20
				18	Handwheel Nut	Volan Somunu	Ms 58 / Bronze / S.S

Nominal Pressure / Anma Basıncı	PN	10							6			4			2.5
Nominal Diameter / Anma Çapı	DN	40	50	65	80	100	125	150	200	250	300	350	400	500	600
Valve Dimensions / Vana Boyutları TS EN 1171 DIN 3352/2-F4	L	140	150	170	180	190	200	210	230	250	270	290	310	350	390
	H min	350	360	470	470	580	650	725	815	950	1080	1225	1390	1670	1920
	H max	410	470	560	560	690	790	895	1030	1220	1405	1595	1810	2195	2550
	D1	160				200		250		315		400		500	
Flange Dimensions / Flanş Ölçüleri DIN EN 1092-2 PN 10	D	150	165	185	200	220	250	285	340	395	445	505	565	670	780
	k	110	125	145	160	180	210	240	295	350	400	460	515	620	720
Weight / Ağırlık	kg	11	15	19,5	24	30	44	59	106	158	232	200	310	450	600

STRAIGHT GLOBE VALVE

DÜZ TİP GLOBE VANA

VDB 10-16-25-40



Size / Anma Çapı: DN 15 - DN600

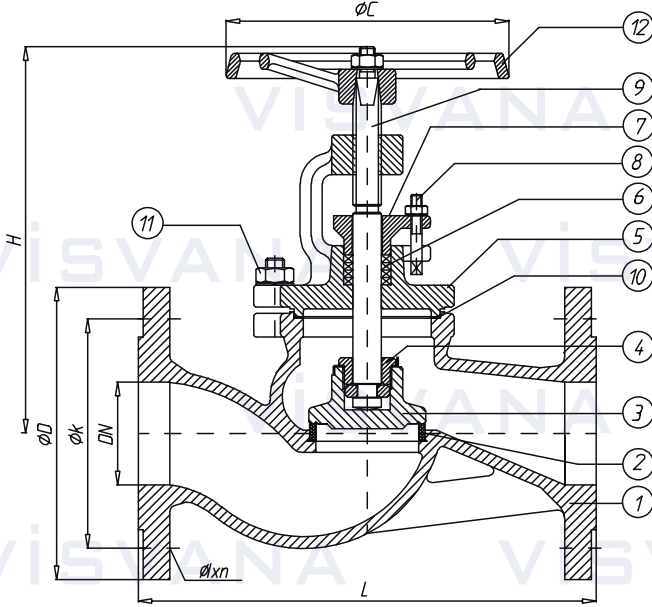
Pressure / Basınç : PN 10 -16 - 25 - 40

Ends / Bağlantılar : DIN EN 1092 (Flange)

Dimensions / Ölçüler : DIN3356/2-F1- (Straight / Düz)
DIN EN 558-1-1

Tests / Testler : DIN EN 12266

Options / Opsiyon: Regulating Disc,
ANSI Flange



NO	PART NAME	PARÇAADI	MATERIAL / MALZEME	NO	PART NAME	PARÇAADI	MATERIAL / MALZEME
1	Body	Gövde	GG-25 / GGG-40 / GS-25 Bronze AISI 304, 316 Monel GS-17CrMo5,5	6	Packing	Salmastra	Graphite
2	Seats Ring	Burç	AISI 304, 316, 13Cr Bronze, Stellite 6-21 PTFE, NBR, EPDM	7	Gland	Salm. Baskısı	GG-25 / GGG-40 / GS-25 Bronze AISI 304, 316 Monel GS-17CrMo5,5
3	Disc	Klape	AISI 304, 316, 13Cr Bronze, GS-C 25 PTFE	8	T Stud, nut	T Saplı. Somun	5, 6-8
4	Disc Nut	Baskı	Ms 58/S.S	9	Stem	Mil	AISI 420, 304, 306, 13Cr Bronze, CuSo8 Ms-58
5	Bonnet	Kapak	GG-25 / GGG-40 / GS-25 Bronze AISI 304, 316 Monel GS-17CrMo5,5	10	Gasket	Conta	Klingerite
				11	Stud, nut	Saplı. Somun	5, 6-8
				12	Handwheel	El Çarkı	GG 25

Nominal Diameter / Anma Çapı	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
Valve Dimensions / Vana Boyutları	L	130	150	150	180	200	230	290	315	350	400	480	600	730	850	980	1100	1200	1250	1450
DIN 3356/2-F1	ØC	120		140		160		180	200	225	250	285	320	400	460			640		
DIN EN 558-1-FTF1	H max.	185	185	195	205	230	240	275	290	350	410	430	525	630	700	760	840	915	980	1200
Flange Dimensions / Flanş Ölçüleri	D	95	105	115	140	150	165	185	200	220	250	285	340	395	445	505	565	615	670	780
DIN EN 1092 PN 10	k	65	75	85	100	110	125	145	160	180	210	240	295	350	400	460	515	565	620	725
	Øxn	Ø14x4			Ø18x4			Ø18x8		Ø22x8		Ø22x12	Ø22x16	Ø26x16	Ø26x20	Ø30x20				
Weight / Ağırlık	kg	3,6	4,25	5,15	6,75	9,60	12,0	16,4	23,2	33,0	55,0	87,5	130	204	280	370	505	705	915	1110
Flange Dimensions / Flanş Ölçüleri	D	95	105	115	140	150	165	185	200	220	250	285	340	405	460	520	580	640	580	640
DIN EN 1092 PN 10	k	65	75	85	100	110	125	145	160	180	210	240	295	355	410	470	525	585	525	585
	Øxn	Ø14x4			Ø18x4			Ø18x8		Ø22x8	Ø22x12	Ø26x12	Ø26x16	Ø30x16	Ø33x16	Ø36x16	Ø36x20	Ø39x20	Ø36x20	Ø39x20
Weight / Ağırlık	kg	3,6	4,25	5,15	6,75	9,60	12,0	16,4	23,2	33,0	55,0	87,5	136	212	290	380	515	715	925	1125
Flange Dimensions / Flanş Ölçüleri	D	95	105	115	140	150	165	185	200	235	270	300	360	425	485	555	620	670	730	845
DIN EN 1092 PN 10	k	65	75	85	100	110	125	145	160	190	220	250	310	370	430	490	550	600	660	770
	Øxn	Ø14x4			Ø18x4			Ø18x8	Ø22x8	Ø26x8	Ø26x12	Ø30x12	Ø30x16	Ø33x16	Ø36x16	Ø39x16	Ø39x20	Ø42x20	Ø48x20	
Weight / Ağırlık	kg	4,7	5,1	6,2	7,2	11,5	13,2	21,3	26,5	36,3	60,5	101	164	235	315	410	550	750	970	1200

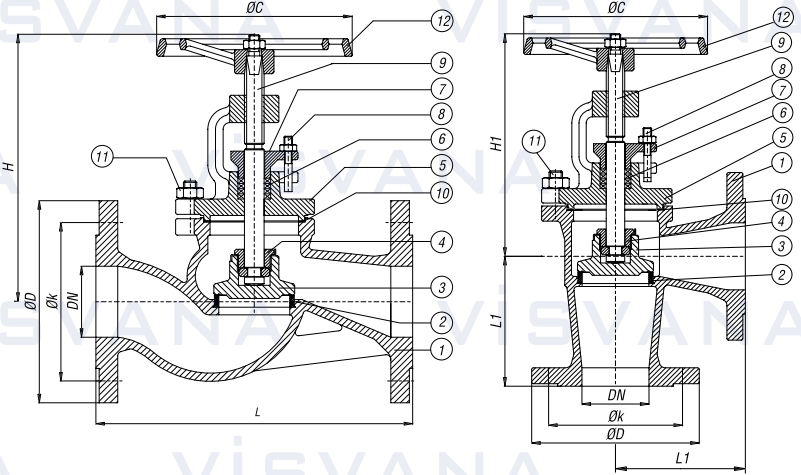
Pressure Rate / Basınç Aralığı: PN 10 - PN 40

Size Range / Ölçü Aralığı: DN15-DN600

Ends / Bağlantılar: DIN 2533 (Flange)

Dimensions / Ölçüler: DIN 3356/2-F1(Straight-Düz)

DIN 3356/2-F32(Angle-Açılı)



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG25/GGG40/GGG40,3/GSC25/BronzeRG5/RG7/RG10/CuSn10/SS304/SS316/Dublex 1,4470
2	Seat Ring	Burç	Bronze RG5 / CuSn10 / 13 Cr / SS304 / SS316 / Dublex 1,4470
3	Disc	Klape	Bronze RG5 / CuSn10 / 13 Cr / SS304 / SS316 / Dublex 1,4470
4	Disc Nut	Baskı	Bronze RG5 / CuSn10 / 13 Cr / SS304 / SS316 / Dublex 1,4470
5	Bonnet	Kapak	GG25/GGG40/GGG40,3/GSC25/BronzeRG5/RG7/RG10/CuSn10/SS304/SS316/Dublex 1,4470
6	Packing	Salmastra	% 100 Graphite
7	Gland	Salmastra Baskısı	GG25/GGG40/GGG40,3/GSC25/BronzeRG5/RG7/RG10/CuSn10/SS304/SS316/Dublex 1,4470
8	T Stud, Nut	T Saplama Somun	Steel / A2 / A4
9	Spindle	Mil	CuZn35Ni / CuSn8 / AISI 420 / AISI 304 / AISI 316 / Dublex
10	Gasket	Conta	Klingerite / Graphite
11	Stud, Nut	Saplama Somun	Steel / A2 / A4
12	Handwheel	El Çarkı	GG 25

Note: Totally stainless steel or bronze discs are optional in 3" and bigger sizes.

Not: Komple paslanmaz veya bronz diskler 3" ve daha büyük ölçülerde opsiyoneldir.

							PN 16				PN 40			
DN	L	L1	H	H1	Strok	ØC	ØD	Øk	Weight / Ağırlık (Kg)		ØD	Øk	Weight / Ağırlık (Kg)	
									Düz Straight	Açılı Angle			Düz Straight	Açılı Angle
15	130	90	185	155	7	120	95	65	3,60	4,00	95	65	4,7	4
20	150	95	185	155	7	120	105	75	4,25	4,50	105	75	5,1	5
25	160	100	195	170	9	140	115	85	5,15	5,50	115	85	6,2	6
32	180	105	205	175	11	140	140	100	6,75	7,00	140	100	7,2	8
40	200	115	230	195	15	160	150	110	9,60	11,00	150	110	11,5	13
50	230	125	240	205	18	160	165	125	12,00	13,50	165	125	13,2	15
65	290	145	275	225	23	180	185	145	16,40	19,00	185	145	21,3	23
80	310	155	290	250	28	200	200	160	23,20	24,00	200	160	26,7	27
100	350	175	350	305	35	225	220	180	33,00	33,00	235	190	36,3	39
125	400	200	410	315	43	250	250	210	55,00	48,00	270	220	60,5	58
150	480	225	430	380	50	300	285	240	87,50	62,00	300	250	100,6	75
200	600	275	580	425	68	400	340	295	136,00	128,00	375	320	163,2	155
250	730	325	710	470	80	520	405	355	212,00	135,00	450	385	254,5	162
300	850	375	780	675	100	520	460	410	300,00	270,00	515	450	360,0	320

BRONZE GLOBE VALVE STRAIGHT TYPE (SCREW BONNET, SHORT TYPE)

KISA TİP GLOB VANA

VGSS-16 

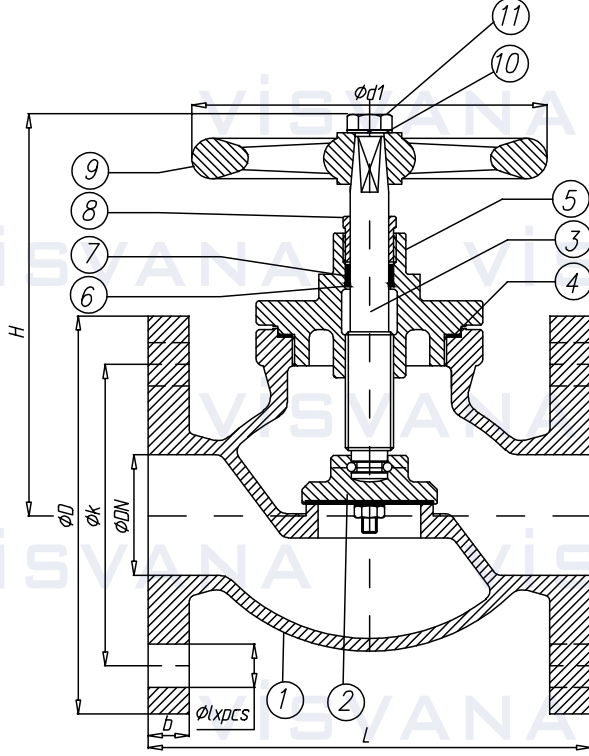
Pressure Rate / Basınç Aralığı: PN16-PN10

Size Range / Ölçü Aralığı: DN15-DN100

Flange Ends / Flanş: DIN EN 1092

Test: DIN EN 12266

Options / Opsiyon: Bronze RG7, RG10, CuSn10



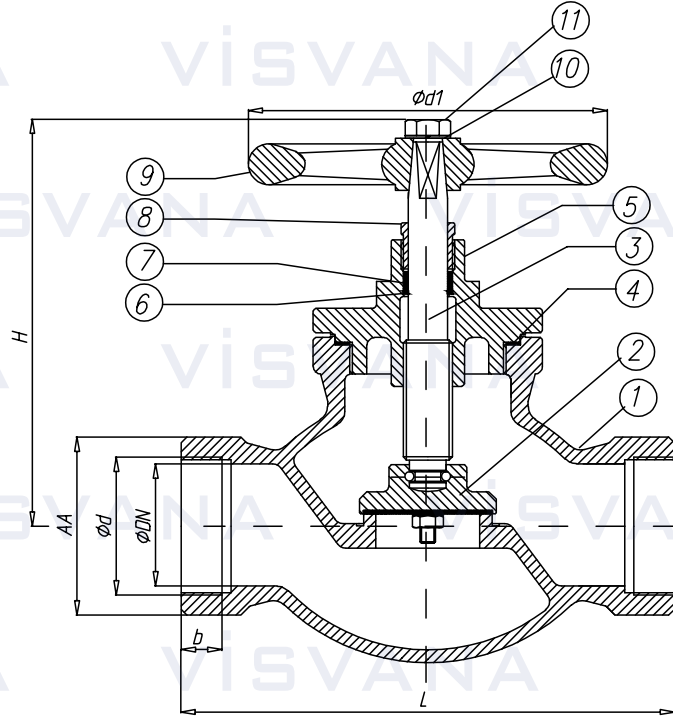
NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	G-CuSn5Zn5Pb5-C	7	Packing	Salmastra	Graphite+PTFE
2	Disc	Klape	G-CuSn5Zn5Pb5-C	8	Gland	Salmastra	CuZn39Pb3
3	Stem	Mil	CuZn39Pb3/CuSn8	9	Handwheel	Baskısı	GG 25
4	Gasket	Conta	Perbunan/PTFE	10	Washer	El Çarkı	Steel 5 Zn
5	Bonnet	Kapak	G-CuSn5Zn5Pb5-C	11	Bolt	Rondela	Steel 5 Zn
6	Washer	Rondela	CuZn39Pb3/PTFE			Civata	

Nominal Diameter Anma Çapı	PN 16 Flange Dimensions / Flanş Ölçüleri DIN EN 1092				Valve Dimensions / Vana Boyutları			Weight / Ağırlık Kg
	DN	ØD	Øk	Ø1x4	b	L	Ød1	H
15	95	65	Ø14x4	12	12	70	63	95
20	105	75				80	80	110
25	115	85				90		115
32	140	100	Ø18x4	14	14	105	90	135
40	150	110				120	100	145
50	165	125				140	125	165
65	185	145	Ø18x8	16	16	180	160	230
80	200	160				200		250
100	220	180				220	200	260

BRONZE GLOBE VALVE STRAIGHT TYPE (SCREW BONNET, THREADED END)

DİŞLİ BAĞLANTILI
GLOB VANA PN 16

Pressure Rate / Basınç Aralığı: PN16
Size Range / Ölçü Aralığı: DN15-DN100
Ends: DIN EN 10226-1(Threaded)
Norm: DIN 3844-2
Test: DIN EN 12266
Options / Opsiyon: Bronze RG7,
RG10, CuSn10



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	G-CuSn5Zn5Pb5-C	7	Packing	Salmastra	Graphite+PTFE
2	Disc	Klape	G-CuSn5Zn5Pb5-C	8	Gland	Salmastra	CuZn39Pb3
3	Stem	Mil	CuZn39Pb3/CuSn8	9	Handwheel	Baskısı	GG 25
4	Gasket	Conta	Perbunan/PTFE	10	Washer	El Çarkı	Steel 5 Zn
5	Bonnet	Kapak	G-CuSn5Zn5Pb5-C	11	Bolt	Rondela	Steel 5 Zn
6	Washer	Rondela	CuZn39Pb3/PTFE			Civata	

Nominal Diameter Anma Çapı	PN 16 Threaded ends Dimensions DIN EN 10226-1				Valve Dimensions / Vana Boyutları DIN 3844-2			Weight / Ağırlık
	DN	Ød	AA	b	L	Ød1	H	
15	15	R 1/2"	27	10	60	50	85	0,3
20	20	R 3/4"	32	11	70	60	95	0,5
25	25	R 1"	41	13	80	70	105	0,7
32	32	R 1 1/4"	50	14	95	80	120	1,0
40	40	R 1 1/2"	58	16	105	90	130	1,3
50	50	R 2"	70	18	130	110	145	2,1
65	65	R 2 1/2"	85	20	150	150	175	4,0
80	80	R 3"	100	25	165	160	195	5,5
100	100	R 4"	130	27	205	210	285	12,0

GLOBE VALVE 150Lb

GLOB VALF 150Lb

VBV-C150



Globe Valves

Class 150

ANSI B16,10

ANSI B16,5/Flange

- Flanged(FLGD)

- Bolted Bonnet(BB)

- Rising stem and handwheel(RS)

- Outside screw and yoke(OSY)

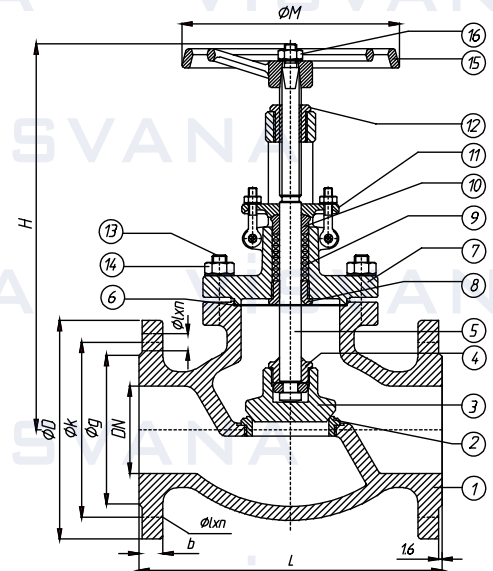
Bolted Gland (BG)

Renewable seat(Optional)

NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	ASTM A126 / ASTM A536 / ASTM A216 WCB
2	Body Seat	Gövde Siti	Rg-5 Bronze (ASTM B62) / SS304 / SS316
3	Disc	Disk	Rg-5 Bronze (ASTM B62) / SS304 / SS316
4	Disc Nut	Disk Somunu	Brass / SS304 / SS316
5	Stem	Mil	CuZn35Ni / SS420 / SS304 / SS316
6	Gasket	Conta	Klingerite / Graphite
7	Bonnet	Kapak	ASTM A126 / ASTM A536 / ASTM A216 WCB
8	Back Seat	Geri Sit	Brass / SS420 / SS304 / SS316
9	Packing	Salmastra	Graphite
10	Packing Nut	Salmastra Baskısı	ASTM A395 / ASTM A126 / WCB
11	Gland Flange	Salmastra Baskısı Flanşı	ASTM A395 / ASTM A126 / WCB
12	Stem Bushing	Mil Yatağı (Opsiyonel)	ASTM A126 / ASTM A536 / ASTM A216 WCB
13	Stud	Saplama	Steel / SS A2 / SS A4
14	Nut	Somun	Steel / SS A2 / SS A4
15	Handwheel	Volan	Ductile Iron
16	Handwheel Nut	Volan Somunu	Steel



DN		Valve Dimensions Vana Boyutları ANSI B16,10			Flange Dimensions Flanş Ölçüleri ANSI B16,5					Diameter Ağırlık kg
mm	Inch	L	H	ØM	ØD	Øk	Øg	b	ØIxn	
15	1/2"	108	185	100	89	60,5	35	10	Ø16x4	4
20	3/4"	117	205		99	70	43	10,5		4,5
25	1"	127	210		108	79,2	51	11,5		5,5
32	1 1/4"	140	220		117	89	64	13		9
40	1 1/2"	165	240	140	127	98,6	73	14,5	Ø19x4	12
50	2"	203	330		152,5	120,7	92	16		17
65	2 1/2"	216	360		178	139,7	105	17,5		23
80	3"	241	382		190,5	152,4	127	19		37
100	4"	292	445	200	229	190,5	157	24	Ø19x8	47
125	5"	355,6	485		254	216	185,7	24		71
150	6"	406,4	540		279,5	241,3	216	25,5		86
200	8"	495	620		343	298,5	270	28,5		130
250	10"	622	770	450	406,5	362	324	30,2	Ø22x8	205
300	12"	698,5	880		483	431,8	381	32		325
350	14"	787	1100		533	476	413	35		
400	16"	914	1250		597	539,5	470	36,6		



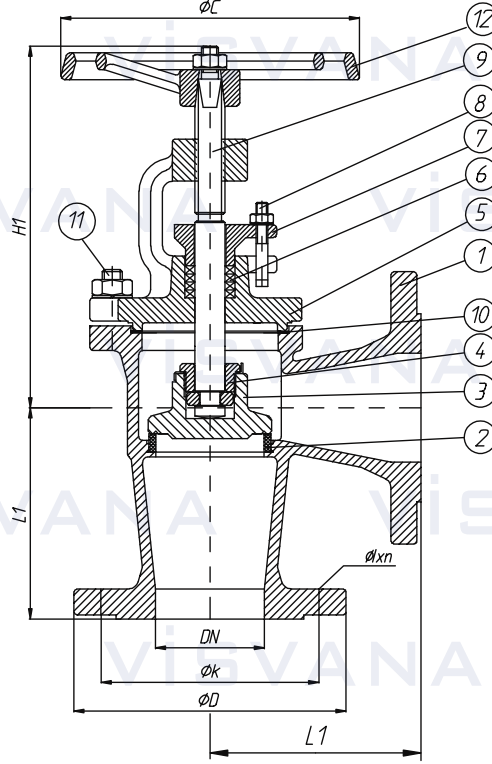
Pressure Rate / Basınç Aralığı: 150LB - 300LB

Size Range / Ölçü Aralığı: DN15-DN300

Flange Ends / Flanş: ANSI B 16.5

Dimensions / Ölçüler: ANSI B 16.10 CTC

Test: API 598



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	ASTM A126/A536/A216WCB/B62/CuSn10/CF8/CF8M	7	Gland	Salmastra	A536/A216 WCB/B62/CuSn10/ CF8/CF8M
2	Body Seat	Gövde Siti	ASTM B62 / 13Cr / ASI 304 / ASI 316 / CuSn10	8	T Stud, Nut	Civata Somun	Steel / A2 / A4
3	Disc	Disk	ASTM B62 / 13Cr / ASI 304 / ASI 316 / CuSn10	9	Stem	Mil	Brass/13Cr/ASI 304 / ASI 316 / CuSn8
4	Disc Nut	Disk Somunu	ASTM B62 / 13Cr / ASI 304 / ASI 316 / CuSn10	10	Gasket	Conta	Klingerite /Graphite
5	Bonnet	Kapak	ASTM A126/A536/A216WCB/B62/CuSn10/CF8/CF8M	11	Stud, Nut	Saplama Somun	5,6-8
6	Packing	Salmastra	Graphite	12	Handwheel	Volan	Cast Iron

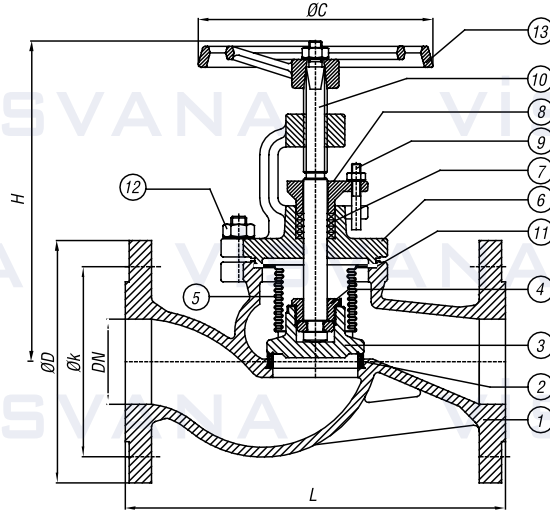
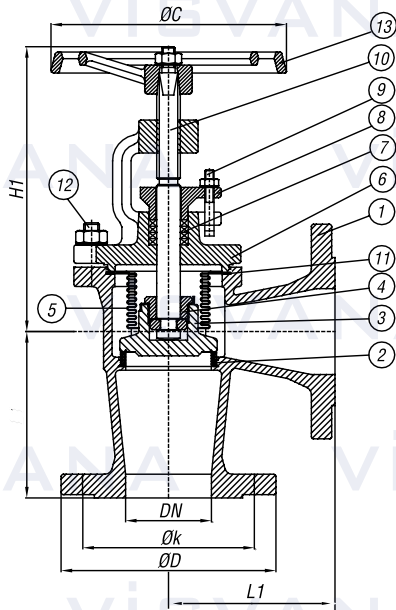
Nominal Diameter Anma Çapı	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
Valve Dimensions Vana Boyutları ANSI B 16,10 BS 1873 & ASME B16,34	C150	57	64	70	76	83	102	108	121	146	178	203	248	311	349	394
	C300	76	89	102	108	114	133	146	159	178	208	222	279	311	356	
	ØC	120	140		160		180	200	225	250	285	340	405	460	460	
	H max.	155	155	170	175	195	205	225	250	305	315	380	425	470	675	785
Flange Dimensions Flanş Ölçüleri ANSI B 16,5 / CLASS 150	D	89	99	108	117	127	152	178	191	229	254	279	343	406	483	533
	k	60,5	70	79,2	89	98,6	120,7	139,7	152,4	190,5	216	241,3	298,5	431,8	476,3	539,8
	Ølxn	Ø16x4				Ø19x4			Ø19x8		Ø22x8		Ø25x12		Ø28x12	
Weight / Ağırlık	kg	4	4,5	5,5	8	11	13	19	26	37	53	70	140	150	300	415
Flange Dimensions Flanş Ölçüleri ANSI B 16,5 / CLASS 300	D	95	117	124	133	155	165	191	210	254	279	318	381	445	521	584
	k	67	83	89	99	114	127	149,4	168	200,2	235	269,7	330,2	387,4	451	514,4
	Ølxn	Ø16x14	Ø19x4		Ø22x4		Ø19x8	Ø22x8			Ø22x12		Ø25x12	Ø28x16	Ø32x16	Ø32x20
Weight / Ağırlık	kg	95	4,5	5,5	8	11	13	19	26	37	53	70	145	160	310	430

**BELLOWS SEALED GLOBE
VALVE STRAIGHT FORM VBK-16
& ANGLE FORM VAK-16**

**Straight/Düz:VBK-16
Angle/Köşe:VAK-16**



**KÖRÜKLÜ BUHAR VANASI
DÜZ TİP VBK-16 & AÇILI TİP VAK-16**



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 / GGG-40 / GS-C 25	8	Gland	Sal. Baskısı	GG 25 / GGG-40 / GS-C 25
2	Seat Ring	Burc	1.4301	9	T Stud, Nut	T Saplama, Somun	5,6-8
3	Disc	Klape	1.4301	10	Spindle	Mil	1.4021
4	Disc Nut	Baskı	Ms 58	11	Gasket	Conta	Klingerite/Asberit
5	Below Seat	Körük	GG 25 / GGG-40 / GS-C 25	12	Stud, Nut	Saplama, Somun	5,6-8
6	Bonnet	Kapak	Graphite	13	Handwheel	El Çarkı	GG 25
7	Packing	Salmastra	GG 25 / GGG-40 / GS-C 25				

							PN16				PN40			
DN	L	L1	H	H1	Strok	ØC	ØD	Øk	Ağırlık kg		ØD	Øk	Ağırlık kg	
									Düz Straight	Ağlı Angle			Düz Straight	Ağlı Angle
15	130	90	185	155	7	120	95	65	3,60	4,00	95	65	4,70	4,00
20	150	95	185	155	7	120	105	75	4,25	4,50	105	75	5,10	5,00
25	160	100	195	170	9	140	115	85	5,15	5,50	115	85	6,20	6,00
32	180	105	205	175	11	140	140	100	6,75	7,00	140	100	7,20	8,00
40	200	115	230	195	15	160	150	110	9,60	11,00	150	110	11,50	13,00
50	230	125	240	205	18	160	165	125	12,00	13,50	165	125	13,20	15,00
65	290	145	275	225	23	180	185	145	16,40	19,00	185	145	21,30	23,00
80	310	155	290	250	28	200	200	160	23,20	24,00	200	160	26,70	27,00
100	350	175	350	305	35	225	220	180	33,00	33,00	235	190	36,30	39,00
125	400	200	410	315	43	250	250	210	55,00	48,00	270	220	60,50	58,00
150	480	225	430	380	50	300	285	240	87,50	62,00	300	250	100,60	75,00
200	600	275	580	425	68	400	340	295	136,00	128,00	375	320	163,20	155,00
250	730	325	710	470	80	520	405	355	212,00	135,00	450	385	254,50	162,00
300	850	375	780	675	100	520	460	410	300,00	270,00	515	450	360,00	320,00

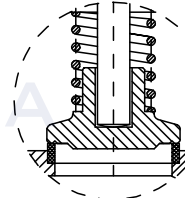
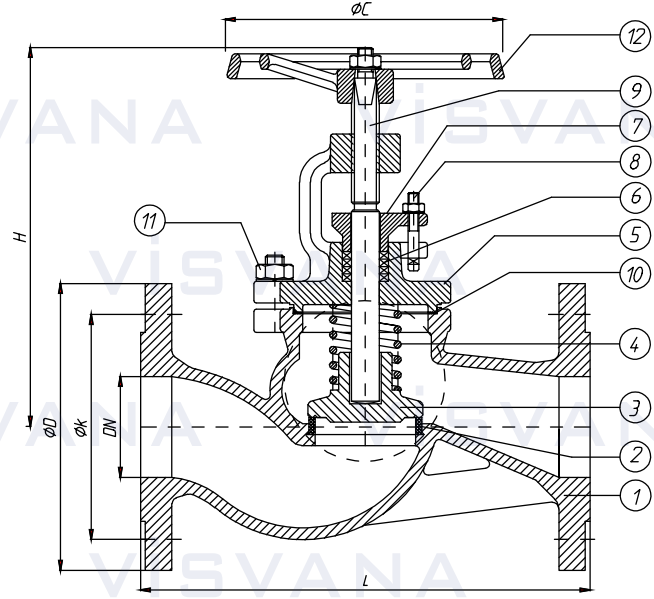
Size / Anma Çapı: DN 15 - DN600

Pressure / Basınç : PN 16 - 25 - 40

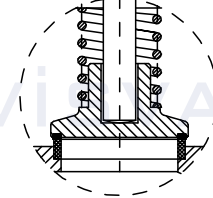
Ends / Bağlantılar : DIN EN 1092 (Flange)

Dimensions / Ölçüler : DIN3356/2-F1-(Straight/Düz)

DIN EN 558-1-FTF1



DN15....DN80



DN100....DN350

NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25/6GG40/6GG40,3/GSC25/Bronze/RG5/RG7/CuSn10/304/316/Dublex	7	Gland	Sal. Baskısı	GG 25/6GG40/6GG40,3/GSC25/Bronze/RG5/RG7/CuSn10/304/316/Dublex
2	Seat Ring	Burç	304 / 316 / 13Cr / Bronze / RG5 / Dublex	8	T Stud, Nut	T Saplama, Somun	5, 6-8
3	Disc	Klape	304 / 316 / 13Cr / Bronze / RG5 / Dublex	9	Stem	Mil	Ms-58 Brass
4	Spring	Yay	1.4301 SS	10	Gasket	Conta	Klingerite/Graphite
5	Bonnet	Kapak	GG 25/6GG40/6GG40,3/GSC25/Bronze/RG5/RG7/CuSn10/304/316/Dublex	11	Stud, Nut	Saplama, Somun	5, 6-8
6	Packing	Salmastra	Graphite	12	Handwheel	El Çarkı	GG 25

Nominal Diameter / Anma Çapı	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
Valve Dimensions / Vana Boyutları	L	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100	1200	1250	1450
DIN 3356/2-F1	ØC	120		140		160		180	200	225	250	285	320	400	460				640	
DIN EN 558-1-FTF1	H max.	185	185	195	205	230	240	275	290	350	410	430	525	630	700	760	840	915	980	1200
Flange Dimensions / Flanş Ölçüleri	D	95	105	115	140	150	165	185	200	220	250	285	340	400	455	505	565	615	670	780
DIN EN 1092 PN 10	k	65	75	85	100	110	125	145	160	180	210	240	295	350	400	460	515	565	620	725
	Øxn	Ø14x4			Ø18x4			Ø18x8		Ø18x8		Ø22x8	Ø22x12	Ø22x12	Ø22x16	Ø26x16	Ø26x20	Ø30x20	Ø30x20	Ø30x20
Weight / Ağırlık	kg	3,6	4,25	5,15	6,75	9,60	12,0	16,4	23,2	33,0	55,0	87,5	130	204	280	370	505	705	915	1110
Flange Dimensions / Flanş Ölçüleri	D	95	105	115	140	150	165	185	200	220	250	285	340	400	455	520	580	640	715	840
DIN EN 1092 PN 16	k	65	75	85	100	110	125	145	160	180	210	240	295	355	410	470	525	585	650	770
	Øxn	Ø14x4			Ø18x4			Ø18x8	Ø22x8	Ø22x12	Ø26x12	Ø26x16	Ø30x16	Ø30x20	Ø30x20	Ø33x16	Ø36x16	Ø36x20	Ø39x20	Ø39x20
Weight / Ağırlık	kg	3,6	4,25	5,15	6,75	9,60	12,0	16,4	23,2	33,0	55,0	87,5	136	212	290	380	515	715	925	1125
Flange Dimensions / Flanş Ölçüleri	D	95	105	115	140	150	165	185	200	235	270	300	360	425	485	555	620	670	730	845
DIN EN 1092 PN 25	k	65	75	85	100	110	125	145	160	190	220	250	310	370	430	490	550	600	660	770
	Øxn	Ø14x4			Ø18x4			Ø18x8	Ø22x8	Ø26x8	Ø26x12	Ø30x12	Ø30x16	Ø33x16	Ø36x16	Ø39x16	Ø39x20	Ø42x20	Ø48x20	Ø48x20
Weight / Ağırlık	kg	4	4,5	5,75	6,85	10,2	12,5	18,5	25,0	35,0	58,0	92,0	150	230	300	395	530	730	950	1150
Flange Dimensions / Flanş Ölçüleri	D	95	105	115	140	150	165	185	200	235	270	300	375	450	515	580	660	685	755	890
DIN EN 1092 PN 40	k	65	75	85	100	110	125	145	160	190	220	250	320	385	450	510	585	610	670	795
	Øxn	Ø14x4			Ø18x4			Ø18x8	Ø22x8	Ø26x8	Ø30x12	Ø33x12	Ø33x16	Ø36x16	Ø39x16	Ø39x20	Ø42x20	Ø48x20	Ø48x20	Ø48x20
Weight / Ağırlık	kg	4,7	5,1	6,2	7,2	11,5	13,2	21,3	26,5	36,3	60,5	101	164	235	315	410	550	750	970	1200

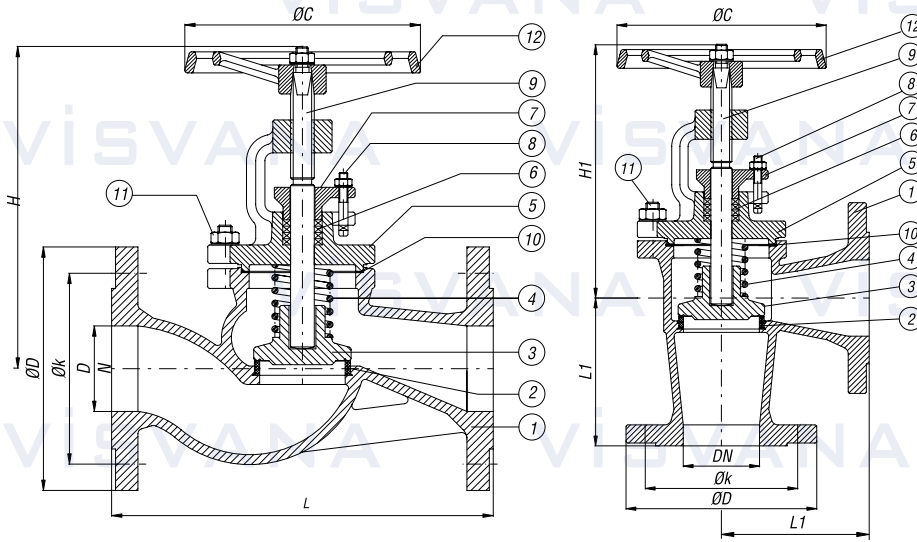
ANGLE TYPE SDNR GLOBE VALVE

KÖŞE TİP KUMANDALI ÇEK VALF

VKCA-16-25-40



Nominal Diameter / Anma çapı: DN15-DN300
 Nominal Pressure / Anma Basıncı: PN16
 Ends / Bağlantılar: DIN 2533(Flanş)
 Dimensions / Boyutlar: DIN 3356/2-F1(Straight/Düz)
 DIN 3356/2-F32(Angle-Açılı) TS 10873



3

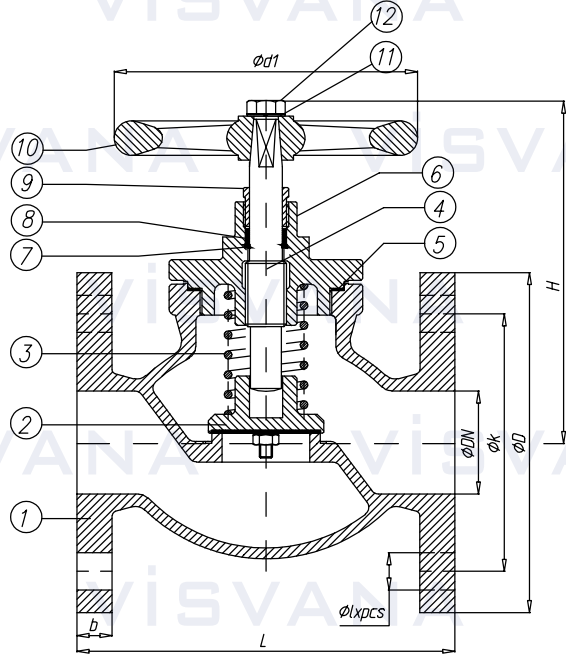
NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 / GGG40 / GGG40,3/GSC25/Bronze/ RG5/RG7/CuSn10/304/316/Dublex	7	Gland	Sal. Baskısı	GG 25 / GGG40 / GGG40,3/GSC25/Bronze/ RG5/RG7/CuSn10/304/316/Dublex
2	Seat Ring	Burc	304 / 316 / 13Cr / Bronze / RG5	8	T Stud, Nut	T Saplama, Somun	5,6-8
3	Disc	Klape	304 / 316 / 13Cr / Bronze / RG5	9	Stem	Mil	1.4021/Cu Sn8
4	Spring	Yay	1.4301	10	Gasket	Conta	Klingerite/Asberit
5	Bonnet	Kapak	GG 25 / GGG40 / GGG40,3/GSC25/Bronze/ RG5/RG7/CuSn10/304/316/Dublex	11	Stud, Nut	Saplama, Somun	5,6-8
6	Packing	Salmastra	Graphite	12	Handwheel	El Çarkı	GG 25

* Totally stainless steel or bronze disc are optional. * Komple paslanmaz veya bronz disk opsiyoneldir.

DN							PN16				PN40			
							ØD	Øk	Ağırlık kg		ØD	Øk	Ağırlık kg	
									Düz Straight	Açılı Angle			Düz Straight	Açılı Angle
15	130	90	185	155	7	120	95	65	3,60	4,00	95	65	4,70	4,00
20	150	95	185	155	7	120	105	75	4,25	4,50	105	75	5,10	5,00
25	160	100	195	170	9	140	115	85	5,15	5,50	115	85	6,20	6,00
32	180	105	205	175	11	140	140	100	6,75	7,00	140	100	7,20	8,00
40	200	115	230	195	15	160	150	110	9,60	11,00	150	110	11,50	13,00
50	230	125	240	205	18	160	165	125	12,00	13,50	165	125	13,20	15,00
65	290	145	275	225	23	180	185	145	16,40	19,00	185	145	21,30	23,00
80	310	155	290	250	28	200	200	160	23,20	24,00	200	160	26,70	27,00
100	350	175	350	305	35	225	220	180	33,00	33,00	235	190	36,30	39,00
125	400	200	410	315	43	250	250	210	55,00	48,00	270	220	60,50	58,00
150	480	225	430	380	50	300	285	240	87,50	62,00	300	250	100,60	75,00
200	600	275	580	425	68	400	340	295	136,00	128,00	375	320	163,20	155,00
250	730	325	710	470	80	520	405	355	212,00	135,00	450	385	254,50	162,00
300	850	375	780	675	100	520	460	410	300,00	270,00	515	450	360,00	320,00

BRONZE SDNR STOP VALVE STRAIGHT TYPE (SCREW BONNET, SHORT TYPE) KISA TİP KUMANDALI ÇEKVALF

Pressure Rate / Basınç Aralığı: PN16-PN10
Size Range / Ölçü Aralığı: DN15-DN100
Flange Ends / Flanş: DIN EN 1092
Test: DIN EN 12266



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	G-CuSn5Zn5Pb5-C	7	Washer	Rondela	CuZn39Pb3 / PTFE
2	Disc	Klape	G-CuSn5Zn5Pb5-C	8	Packing	Salmastra	Graphite / PTFE
3	Spring	Yay	SS Spring Steel	9	Gland	Salmastra Baskısı	CuZn39Pb3
4	Stem		CuZn39Pb3 / CuSn8	10	Handwheel	El Çarkı	GG-25
5	Gasket	Conta	Perbunan / PTFE	11	Washer	Rondela	Steel 5 Zn
6	Bonnet	Kapak	G-CuSn5Zn5Pb5-C	12	Bolt	Küre	Steel 5 Zn

Nominal Diameter Anma Çapı	PN 16 Flange Dimensions / Flanş Ölçüleri DIN EN 1092				Valve Dimensions / Vana Boyutları			Weight / Ağırlık
DN	ØD	ØK	Ø1xad	b	L	Ød1	H	Kg
15	95	65	Ø14x4	12	70	63	95	1,6
20	105	75			80	80	110	2,2
25	115	85			90		115	2,6
32	140	100	Ø18x4	14	105	90	135	4,4
40	150	110			120	100	145	6,6
50	165	125			140	125	165	8,1
65	185	145			180	160	230	11,5
80	200	160	Ø18x8	18	200	200	250	16,2
100	220	180		20	220		260	21,5

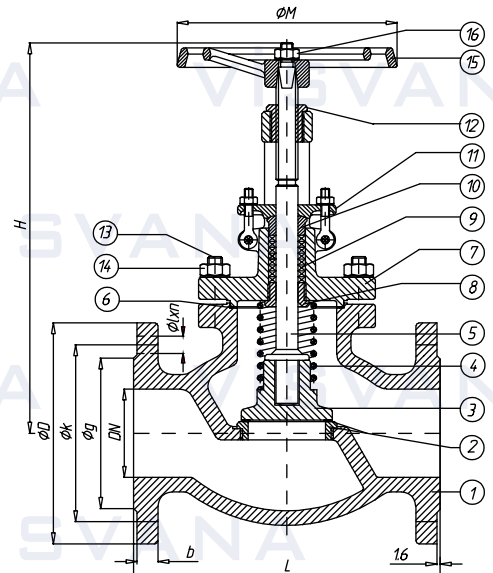
STRAIGHT TYPE SDNR
GLOBE VALVE 150Lb
DÜZ TİP KUMANDALI
ÇEK VALF 150Lb

Conical disc, bolted, bonnet (BB)/Konik klapeli, civatalı kapak(BB)
 Check Valves (SDNR) - Flanged(FLGD) / Flanş Bağlantılı Class 150 - Rising Stem and Handwheel (RS) / Yükselen Milli Volanlı (RSH)
 TEST API 598 - Outside screw and yoke (OSY) / Dıştan Vidalı Boyunduruklu (OSY)
 ANSI B16,10 - Bolted Gand (BG) / Civatalı Glendli (BG)
 ANSI B16,5/Flange- Flanş

NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	ASTM A126 / A536 / A216 WCB / B62 / CuSn10 / CF8 / CF8M
2	Body Seat	Gövde Siti	ASTM B62/ 13Cr / AISI 304 / AISI 316 / CuSn10
3	Disc	Disk	ASTM B62/ 13Cr / AISI 304 / AISI 316 / CuSn10
4	Spring	Yay	AISI 302
5	Stem	Mil	Brass / 13Cr / AISI 304 / AISI 316 / CuSn8
6	Gasket	Conta	Klingerite/ Graphite
7	Bonnet	Kapak	ASTM A126 / A536 / A216 WCB / B62 / CuSn10 / CF8 / CF8M
8	Back Seat	Geri Sit	Bronze / SS420 / SS304 / SS316
9	Packing	Salmastra	Graphite
10	Packing Nut	Salmastra Somunu	A536 / A216 WCB / B62 / CuSn10 / CF8 / CF8M
11	Gland Flange	Salmastra Flanşı	A536 / A216 WCB / B62 / CuSn10 / CF8 / CF8M
12	Stem Bushing	Mil Yatağı	A536 / A216 WCB / B62 / CuSn10 / CF8 / CF8M
13	Stud	Saplama	Steel / A2 / A4
14	Nut	Somun	Steel / A2 / A4
15	Handwheel	Volan	Cast Iron
16	Handwheel Nut	Volan Somunu	Galvanized Steel

Note : Totally stainless steel or bronze discs are optional in 3" and bigger sizes.
 Not:Komple paslanmaz veya bronz diskler 3" ve daha büyük ölçülerde opsiyoneldir.

DN		Valve Dimensions Vana Boyutları ANSI B16,10			Flange Dimensions Flanş Ölçüleri ANSI B16,1					Diameter Ağırlık kg
mm	Inch	L	H	ØM	ØD	Øk	Øg	b	ØIxn	
15	1/2"	108	185		89	60,5	35	10		4
20	3/4"	117	205	100	99	70	43	10,5		4,5
25	1"	127	210		108	79,2	51	11,5	Ø16x4	5,5
32	1 1/4"	140	220	140	117	89	64	13		8,5
40	1 1/2"	165	240		127	98,6	73	14		12
50	2"	203	330	200	152,5	120,7	92	16		18
65	2 1/2"	216	360		178	139,7	105	17,5	Ø19x4	23
80	3"	241	375	250	190,5	152,4	127	19		35
100	4"	292	435		229	190,5	157	24	Ø19x8	45
125	5"	355,6	485	350	254	216	185,7	24		70
150	6"	406,4	530		279,5	241,3	216	25,5		86
200	8"	495	615	450	343	298,5	270	28,5	Ø22x8	130
250	10"	622	770		406,5	362	324	30,2		205
300	12"	698,5	880	500	483	431,8	381	32	Ø25,5x12	325
350	14"	787	1100	650	533	476	413	35	Ø29x12	650
400	16"	914	1220		597	539,5	470	36,6	Ø29x16	1050



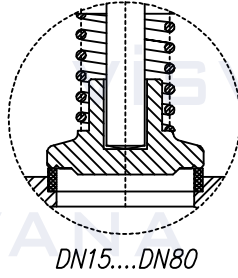
Pressure / Anma Basıncı: CLASS 150 (PN 20)

Size Range / Ölçü Aralığı: DN15-DN300

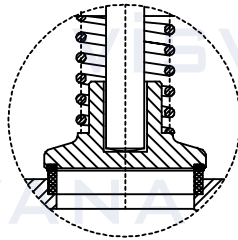
Ends / Bağlantılar: ASME B16,5

Dimensions / Ölçüler: ASME B16,10

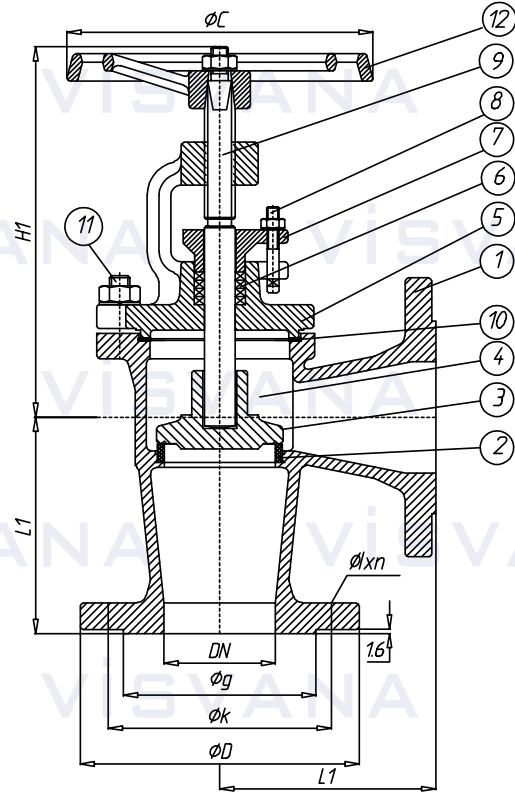
Test: API 598



DN15....DN80



DN100....DN300



NO	P. NAME	P. ADI	MATERIAL / MALZEME	NO	P. NAME	P. ADI	MATERIAL / MALZEME
1	Body	Gövde	ASTM A126/A536/A216 WCB/B62/CuSn10/CF8/CF8M8M	7	Gland	Salm. Baskısı	ASTM A126/A536/A216 WCB/B62/CuSn10/CF8/CF8M8M
2	Body Seat	Gövde Siti	ASTM B62/13Cr / AISI 304 / AISI 316 / CuSn10	8	T Stud, Nut	Çelik	Bronze / SS420 / SS304 / SS316
3	Disc	Disk	ASTM B62/13Cr / AISI 304 / AISI 316 / CuSn10	9	Stem	Mil	Bronze / SS420 / SS304 / SS316
4	Spring	Yay	AISI 302	10	Gasket	Conta	Klingerite/ Graphite
5	Bonnet	Kapak	ASTM A126/A536/A216 WCB/B62/CuSn10/CF8/CF8M8M	11	Stud, Nut	Çelik	Steel / A2 / A4
6	Packing	Salmastra	Klingerite/ Graphite	12	Handwheel	Volan	Galvanized Steel

Note : Totally stainless steel or bronze discs are optional in 3" and bigger sizes.

Not: Komple paslanmaz veya bronz diskler 3" ve daha büyük ölçülerde opsiyoneldir.

Nominal Diameter Anma Çapı	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
Valve Dimensions Vana Boyutları ANSI B 16,10	L1	57	64	70	32	83	102	108	124	146	178	203	248	311	349
	ØC	120		140		160		180	200	225	250	285	340	405	460
	H1max.	155	155	170	175	195	205	225	250	305	315	380	425	470	675
Flange Dimensions Flanş Ölçüleri ASME B 16,5 CLASS 150	ØD	89	99	108	117	127	152	178	191	229	254	279	343	406	483
	Øk	60,5	70	79,2	89	98,6	120,7	139,7	152,4	190,5	216	241,3	298,5	362	431,8
	Øg	35	43	51	64	73	92	105	127	157	186	216	270	324	381
	b	10	10,5	11,5	13	14,5	16	18	19,5	24	24	25,5	29	30,5	32
	Ølxn	Ø16x4					Ø19x4			Ø19x8	Ø22x8			Ø25x12	
Weight / Ağırlık	kg	4	4,5	5,5	7	11	13,5	19	24	33	48	62	128	135	270

LIFT TYPE CHECK VALVE

Straight form VDBC-16

Angle form VABC-16

YAYLI ÇEK VALF

Düz tip VDBC-16 Açılı tip VABC-16

VDBC-16 VABC-16



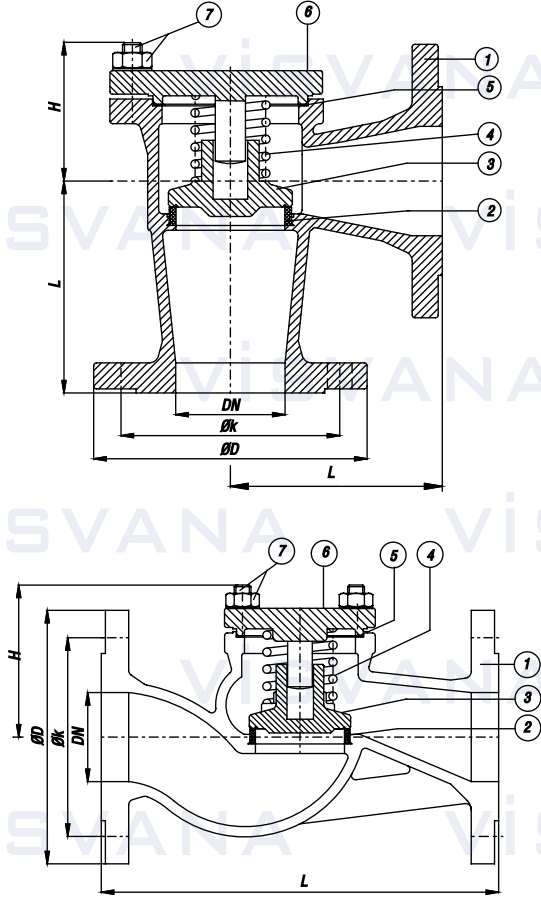
Nominal Diameter / Anma çapı: DN15-DN600

Nominal Pressure / Anma Basıncı: PN16-40

Ends / Bağlantılar: DIN 2533(Flanş)

Dimensions / Boyutlar: DIN 3202/2-F32

TS 10873



3

NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 / GGG-40 / GSC 25 / Bronze RG5 / RG7 / CuSn10 / 304 / 316 / Duplex
2	Seat Ring	Burc	AISI 304, 316 / Bronze RG6 / RG7 / CuSn10
3	Disc	Klapa	AISI 304, 316 / Bronze RG6 / RG7 / CuSn10
4	Spring	Yay	1.4310
5	Gasket	Conta	Kingerite
6	Bonnet	Kapak	GG 25 / GGG-40 / GSC 25 / Bronze RG5 / RG7 / CuSn10 / 304 / 316 / Duplex
7	Stud, Nut	Saplama, Somun	5,6-8

Straight Form Düz Tip			PN16			PN40			Angle Form Açılı Tip			PN16			PN40		
DN	L	H	ØD	Øk	Ağırlık kg	ØD	Øk	Ağırlık kg	DN	L	H	ØD	Øk	Ağırlık kg	ØD	Øk	Ağırlık kg
15	130	75	95	65	3	95	65	3,5	15	90	55	95	65	3	95	65	4,5
20	150	75	105	75	3,5	105	75	4	20	95	55	105	75	3,5	105	75	5
25	160	85	115	85	4,5	115	85	5,5	25	100	65	115	85	4	115	85	6
32	180	90	140	100	6,5	140	100	8	32	105	70	140	100	6	140	100	8
40	200	95	150	110	9	150	110	11	40	115	85	150	110	8	150	110	10
50	230	100	165	125	11,5	165	125	14	50	125	90	165	125	10	165	125	12
65	290	130	185	145	16,5	185	145	20	65	145	100	185	145	14	185	145	25
80	310	135	200	160	24	200	160	31	80	155	105	200	160	19	200	160	28
100	350	170	220	180	34	235	190	41	100	175	120	220	180	25	235	190	40
125	400	205	250	210	54	270	220	65	125	200	145	250	210	45	270	220	55
150	480	225	285	240	76	300	250	91	150	225	150	285	240	65	300	250	85
200	600	270	340	295	135	375	320	162	200	275	185	340	295	110	375	320	145
250	730	290	405	355	260	450	385	312	250	325	190	405	355	140	450	385	180
300	850	360	460	410	320	515	450	430	300	375	240	460	410	250	515	450	300
350	980	460	520	470	370	580	510	490	350	425	325	520	470	320	580	510	400

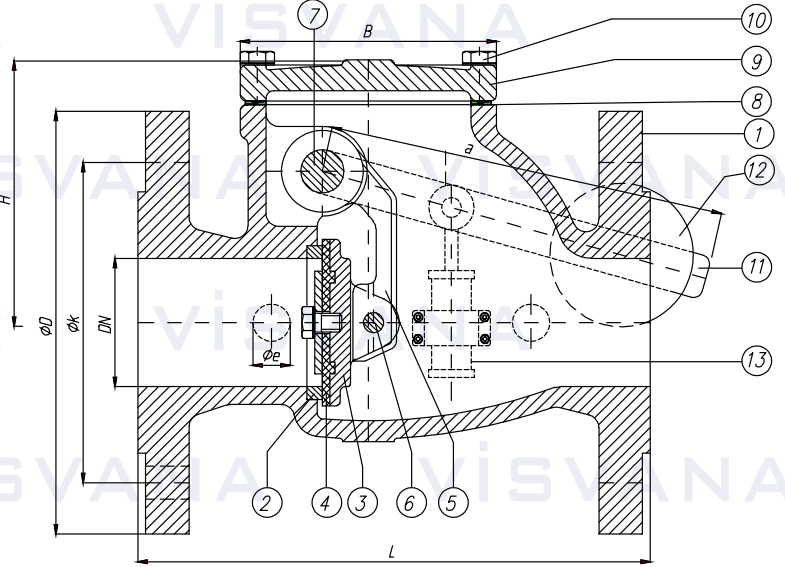
Pressure Rate / Basınç Aralığı: PN10-16-25-40

Face to Face / L Boyu: DIN EN 558-1-48

Temperature / Sıcaklık: -10....+120 °C

Flange Ends / Flanş: DIN EN 1092

DIN EN 12266 & API 598 Tests



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 / GGG-40 / GS-C 25	8	Gasket	Conta	EPDM / Klingerit
2	Body Seat	Gövde Burcu	Ms 58 / SS / Bronze	9	Bonnet	Kapak	GG 25 / GGG-40 / GS-C 25
3	Disc	Klape	GG 25 / GGG-40 / GS-C 25	10	Bolt	Civata	5 D / Paslanmaz Çelik
4	Disc Seat	Klape Burcu	EPDM / SS / Bronze / Brass	11	Handle	Kol	GGG 40 / 50
5	Disc Arm	Klape Kolu	GGG 40/50	12	Weight	Kol Ağırlığı	GG 20
6	Pin	Pim	Ms 58 / SS / Bronze	13	Hyd. Piston	El Çarkı	
7	Stem	Mil	Ms 58 / SS / Bronze				

* Kol ağırlık ve hidrolik damper opsiyoneldir. * Counter weight and hydraulic damper are optional.

Nominal Pressure / Anma Basıncı	PN	PN 10 / 16 / 25 / 40										PN 10 / 16 / 25					PN 10 / 16				
Nominal Diameter / Anma Çapı	DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200
Valve Dimensions / Vana Boyutları TS 457/1 DIN3202/2-F6	L	180	200	240	260	300	350	400	500	600	700	800	900	1000	1100	1300	1500	1700	1900	2100	2500
	H	100	110	130	145	170	195	205	260	340	370	400	450	500	630	700	800	900	1000	1100	1300
Flange Dimensions / Flanş Ölçüleri DIN EN 558-1/48	B	Ø112	Ø152	Ø158	Ø240	Ø275	Ø336	Ø400	Ø450	Ø500	Ø550	Ø600	Ø740	Ø820	Ø1000	Ø1100	Ø1200	Ø1400	Ø1650		
	a	200		300		400		600		800		1100		1200							
By-pass	Øe			Ø15				Ø25		Ø40		Ø50		Ø65		Ø80		Ø100		Ø125	
Flange Dimensions / Flanş Ölçüleri DIN EN 1092-1-2 PN 10	D	150	165	185	200	220	250	285	340	395	445	505	565	615	670	780	895	1015	1115	1230	1455
	k	110	125	145	160	180	210	240	295	350	395	460	515	565	620	725	840	950	1050	1160	1380
Flange Dimensions / Flanş Ölçüleri DIN EN 1092-1-2 PN 16	D	150	165	185	200	220	250	285	340	405	460	520	580	640	715	840	910	1025	1125	1255	1485
	k	110	125	145	160	180	210	240	295	355	410	470	525	585	650	770	840	950	1050	1170	1390
Flange Dimensions / Flanş Ölçüleri DIN EN 1092-1-2 PN 25	D	150	165	185	200	235	270	300	360	425	485	555	620	670	730	845	960	1085	1185	1320	1530
	k	110	125	145	160	190	220	250	310	370	430	490	550	600	660	770	875	990	1090	1210	1420
Flange Dimensions / Flanş Ölçüleri DIN EN 1092-1-2 PN 40	D	150	165	185	200	235	270	300	375	450	515	580	660	685	755	890	995	1140	1250	1360	1575
	k	110	125	145	160	190	220	250	320	385	450	510	585	610	670	795	900	1030	1140	1250	1460
Weight / Ağırlık	kg	10	11,5	16,5	21	27,5	45	65	120	150	205	350	430	625	765	970	1450	2380	3335	3780	4550

WAFER CHECK VALVE

WAFER ÇEK VALF

VWCV-10-16-25-40

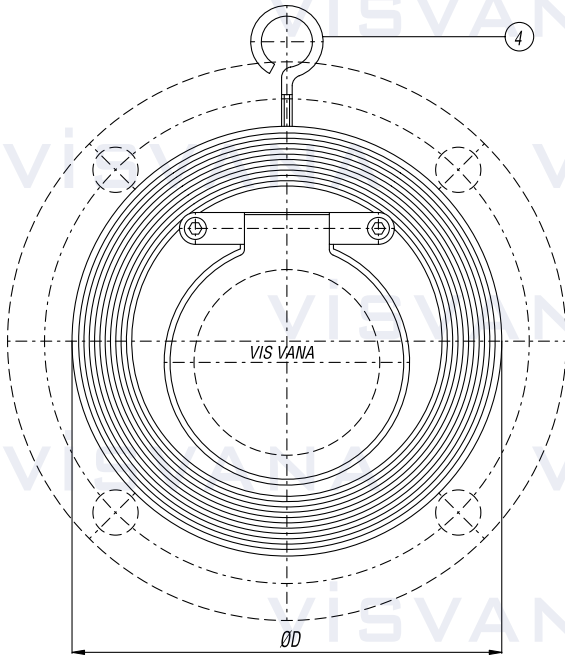


Sandwich Type / Flanş Arası

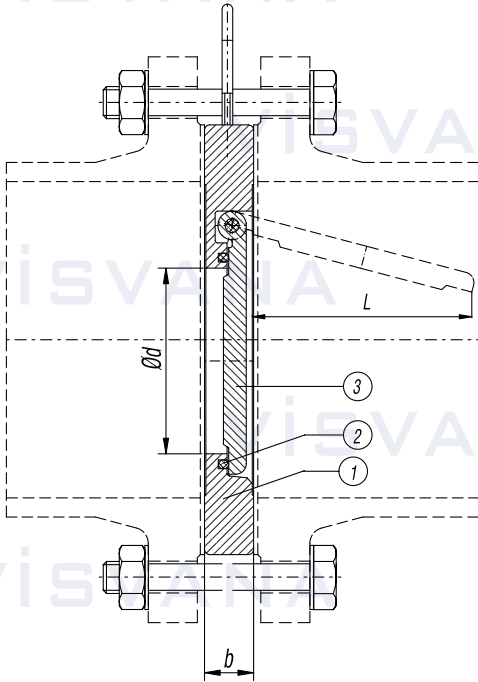
Pressure Rate / Basınç Aralığı: PN 10-16

Flange Ends / Flanş: DIN 2501

DN 40.....800



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG25/GGG40/St37/304, 316/Bronze RG5/CuSn10
2	Body Seal	Gövde Ringi	EPDM / Viton / AISI 316 / Bronze
3	Disc	Klape	AISI 304 / AISI 316 / Bronze
4	Ring Bolt	Taşıma Halkası	St-Zn



Nominal Diameter Anma Çapı DN	ØD			Nominal Pressure / Anma Basıncı			Diameter Ağırlık kg
	Ød	L	b	PN 10	PN 16	PN 25	
40	20	30,5	16			92	0,80
50	32	41,5	16			107	1,00
65	38	51,5	18			127	1,30
80	52	62	18			142	1,50
100	70	92	18			170	2,20
125	87	104	22			196	3,60
150	110	129	22			226	5,30
200	154	172	22			286	11,00
250	190	212	32	329	331	343	16,00
300	236	263	38	380	386	403	28,00
350	265	258	38	440	446	460	37,00
400	290	300	44	491	498	517	55,00
450	330	330	44	541	558	567	66,00
500	368	368	58	596	620	627	107,00
600	435	435	68	608	737	734	158,00
700	550	540	76	813	807	836	235,00
800	650	640	89	920	914	945	364,00

Pressure Rate / Basınç Aralığı: PN10-16-25-40

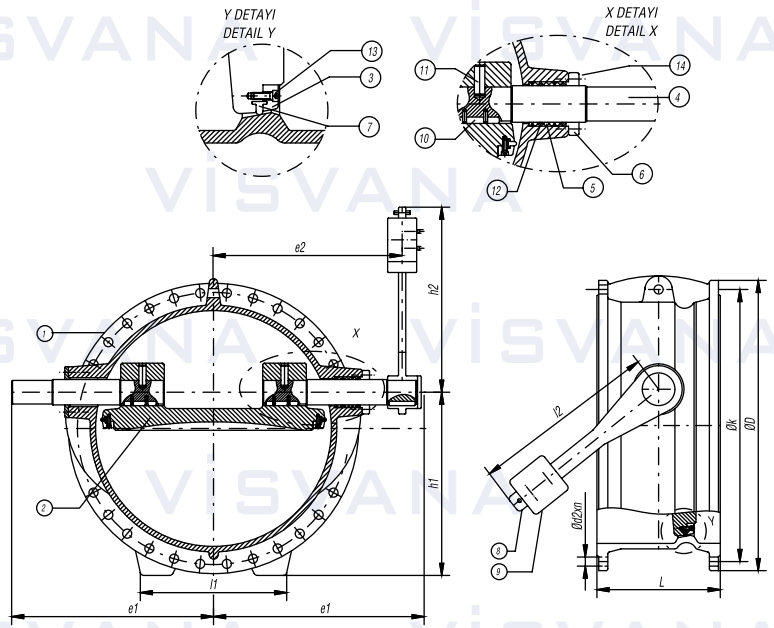
Face to Face / L Boyu: DIN EN 558-14

Temperature / Sıcaklık: -10....+120 °C

Flange Ends / Flanş: DIN EN 1092

DIN EN 12266 & API 598 Tests

DIN EN 558-1-16



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GGG 40/50 / GSC25 / 304, 316	8	Lever	Kol	Steel St-37
2	Disc	Klape	GGG 40/50 / GSC25 / 304, 316	9	Weight	Ağırlık	GG-25
3	Retainig Ring	Baskı Çemberi	St37 / 304, 316	10	Key	Kama	Steel Ck-45
4	Stem-Driven End	Tahrik Mili	AISI 420(X20Cr13) / 304, 316	11	Setscrew	Setskur	Stainless Steel-A2
5	Bearing Bush	Yatak burcu	Delrin, PTFE	12	O-Ring	O-Ring	EPDM, BUNA-N
6	Cover-Drivend End	Mil Kapağı	GGG 40/50 / GSC25 / 304, 316	13	Screw	İmbus Civata	Stainless Steel-A2
7	Sealing Ring	Sızdırmazlık Ringi	EPDM	14	Bolt	Civata	5D

Nominal Diameter Anma Çapı		DN	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1400		
Valve Dimensions Vana Boyutları DIN3202/2-F4	DIN 3202 F4	L	190	200	210	230	250	270	290	310	330	350	390	430	470	510	550	630	710		
	BS 5155	L	127	140	140	152	165	178	190	216	222	229	267	292	318	330	410	470			
		e1	192	215	238	263	313	326	388	418	470	495	592	688	715	825	832	1000	1246		
		e2	160	183	206	231	276	289	346	376	420	453	540	623	656	740	764	900	1100		
		h1	135	156	180	220	265	305	357	395	440	490	580	635	713	795	890	1042	1200		
		h2	189				280			372		405		460	555	642	735	830	920	1087	1280
		I1	200				300			400		450		500	600	700	800	900	1000	1200	1400
		I2	220	250	285	340	260	335	345	375	450	470	545	590	660	720	770	965	965		
Flange Dimensions Flanş Ölçüleri DIN EN 1092-1-2 PN16	PN 10	ØD	220	250	285	340	395	445	505	565	615	670	780	895	1015	1115	1230	1455	1675		
		Øk	180	210	240	295	350	400	460	515	565	620	725	840	950	1050	1160	1380	1590		
		Ød2Xn	Ø18x8		Ø22x8		Ø22x12		Ø22x16		Ø26x16		Ø26x20		Ø30x20	Ø30x24	Ø33x24	Ø33x28	Ø36x28	Ø41x32	Ø44x36
	PN 16	ØD	220	250	285	340	405	460	520	580	640	715	840	910	1025	1125	1255	1485	1685		
		Øk	180	210	240	295	355	410	470	525	585	650	770	840	950	1050	1170	1380	1590		
		Ød2Xn	Ø18x8		Ø22x8	Ø22x12	Ø26x12		Ø26x16	Ø30x16	Ø30x20	Ø33x20	Ø36x20	Ø36x24	Ø39x24	Ø39x28	Ø42x28	Ø50x32	Ø50x36		
	PN 25	ØD	235	270	300	360	425	485	555	620	670	730	845	960	1085	1185	1320	1530	1755		
		Øk	190	220	250	310	370	430	490	550	600	660	770	875	990	1090	1210	1420	1640		
		Ød2Xn	Ø22x8	Ø26x8		Ø26x12	Ø30x12	Ø30x16	Ø33x16	Ø36x16		Ø36x20		Ø39x20	Ø42x24	Ø48x24	Ø48x28	Ø56x28	Ø57x32	Ø62x36	
	PN 40	ØD	235	270	300	375	450	515	580	660	685	755	890	995	1140	1250	1360	1575	1795		
		Øk	190	220	250	320	385	450	510	585	610	670	795	900	1030	1140	1250	1460	1680		
		Ød2Xn	Ø22x8	Ø26x8		Ø30x12	Ø33x12	Ø33x16		Ø36x16	Ø39x16	Ø39x20	Ø42x20	Ø48x20	Ø48x24	Ø56x24	Ø56x28		Ø62x32	Ø62x36	
Weight / Ağırlık		kg	20	28	36	50	70	110	145	180	240	280	410	540	680	1050	1250	2100	3400		

WAFER TILTING DISC CHECK VALVE

WAFER TILTING DİSK ÇEK VALF

VWTD-10-16-25



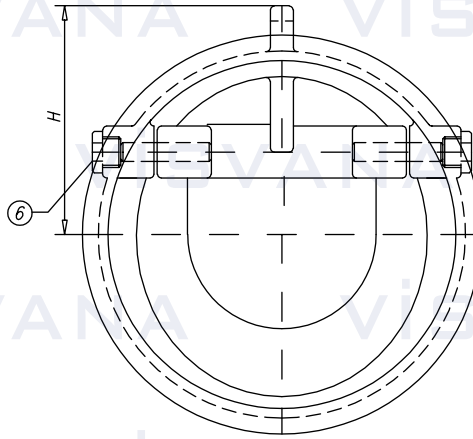
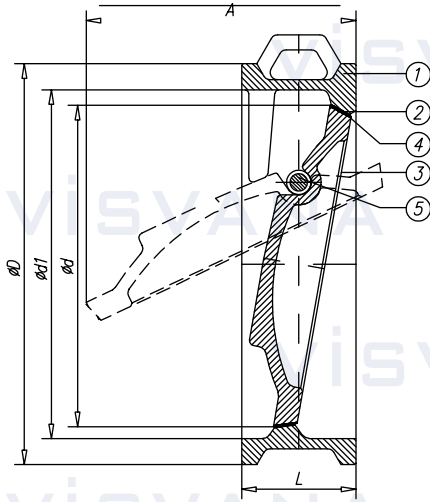
Pressure Rate / Basınç Aralığı: PN10-16-25

Temperature / Sıcaklık: -10....+120 °C

Flange Ends / Flanş: DIN EN 1092,

DIN EN 12266 & API 598 Tests

DIN EN 558-1-16



3

NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 / GS-C 25 AISI 304 -316 / Bronze
2	Body Seat	Gövde Siti	Welded 13 Cr, Stellite 6 or 21
3	Disc	Klape	AISI 304 -316 / Bronze / Cast Steel
4	Disc Seat	Klape Siti	Welded 13 Cr, Stellite 6 or 21
5	Trim	Mil	AISI 304 -316
6	Plug	Tapa	AISI 304 -316

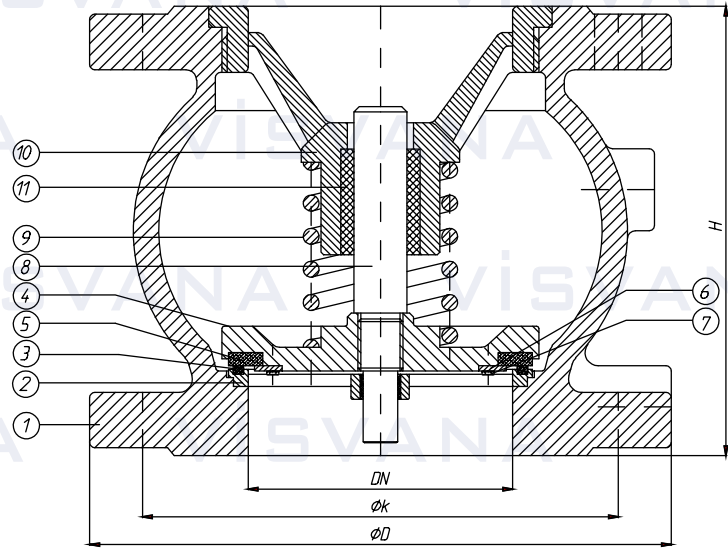
Nominal Diameter Anma Çapı DN	ØD						Nominal Pressure / Anma Basıncı		Diameter Ağırlık kg
	Ød	Ød1	ØA	H	L		PN 10	PN 16	PN 25
40	34	40	45		33		94	94	0,8
50	44	50	54		43		109	109	1
65	58	65	64		46		129	129	2
80	72	80	85		64		144	144	3
100	90	100	95		64		164	164	4,5
125	112	125	115		70		194	194	6,5
150	135	150	135		76		220	220	7,5
200	180	200	220	155	89		275	284	15
250	225	250	220	182	114	330	330	343	26,5
300	270	300	250	210	114	380	386	403	33,5
350	315	350	295	240	127	440	446	460	54
400	365	400	340	275	140	491	498	515	66
450	410	450	370	300	152	541	558	565	92
500	460	500	405	325	152	596	620	625	110
600	555	600	500	390	178	698	735	732	178
700	650	700	616	460	229	808	808	834	245
800	745	800	670	515	241	915	915	942	385
900	835	900	750	562	241	1018	1112	1042	445
1000	930	1000	760	625	300	1125	1130	1155	780

Pressure Rate / Basınç Aralığı: PN10-16-25-40

Size Range / Ölçü Aralığı: DN40-DN500

Flange Ends / Flanş: DIN EN 1092, BS 4504

Test: EN 12266-A



LEAKAGE TEST EN 12266-A

PN	Disc test x 1,1	Body test x 1,5
PN 10	11 Bar	15 Bar
PN 16	18 Bar	24 Bar
PN 25	28 Bar	38 Bar
PN 40	44 Bar	60 Bar

NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG25 / GGG-40 / GS-C 25 / SS 304 / 316	7	Plate	Conta Sacı	St, SS
2	Small Guide	Alt Kayıt	GG25 / GGG-40 / GS-C 25 / SS 304 / 316	8	Stem	Mil	Brass / SS
3	Seat	Burç	Brass / Bronze / SS	9	Spring	Yay	SS
4	Disc	Klape	GG-25 / GGG-40 / GS-C 25 / Bronze / SS	10	Big Guide	Üst Kayıt	GG25 / GGG-40 / GS-C 25 / SS 304 / 316
5	Seal	Conta	EPDM / NBR / Teflon / Bronze / SS	11	Bush	Burç	Brass / Bronze / Teflon
6	Bolt	Civata	St, SS				

Nominal Pressure / Anma Basıncı	PN10 PN16													
Nominal Diameter / Anma Çapı	DN	40	50	65	80	100	125	150	200	250	300	350	400	500
Valve Dimensions / Vana Boyutları	L	85	100	120	140	170	200	230	288	354	395	472	560	670
Flange Dimensions / Flanş Ölçüleri DIN EN 1092 PN 10	D	150	165	185	200	220	250	285	340	400	455	505	565	670
	k	110	125	145	160	180	210	240	295	350	400	460	515	620
Flange Dimensions / Flanş Ölçüleri DIN EN 1092 PN 16	D	150	165	185	200	220	250	285	340	400	455	520	580	715
	k	110	125	145	160	180	210	240	295	355	410	470	525	650
Weight / Ağırlık	kg	4,2	5,8	8,1	10,2	14,5	24	32	53	94	140	225	312	540

THREADED BALL CHECK VALVE

DİŞLİ TOPLU ÇEK VALF

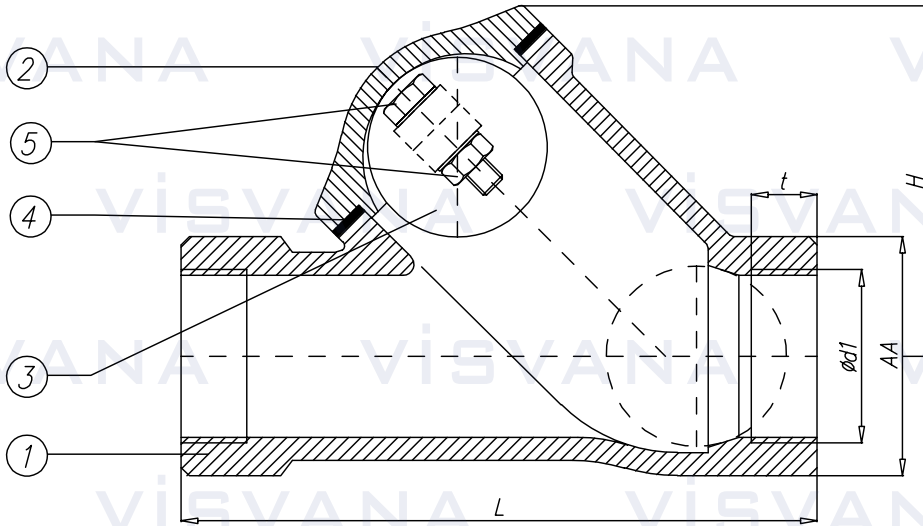
VDTC-16



Pressure Rate / Basınç Aralığı: PN 16
Flange Ends / Flanş: DIN EN 10226-1



3



NO	PART NAME	PARÇAADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 / GGG 40
2	Bonnet	Kapak	GG 25 / GGG 40
3	Ball	Top	EPDM
4	Gasket	Conta	EPDM
5	Bolt / Nut	Civata/Somun	8,8 / 8

Nominal Pressure / Anma Basıncı	PN16					
Nominal Diameter / Anma Çapı	DN	25	32	40	50	65
Valve Dimensions / Vana Boyutları	L	125	135	151	175	202
	H	80	85	105	125	135
	Ød1	1"	1 1/4"	1 1/2"	2"	2 1/2"
Thread Dimensions / Diş Ölçüleri DIN EN 10226-1 PN 16	t	17	25	27	31	31
	AA	50	65	75	90	95
	Weight / Ağırlık	kg	1,7	2,4	3	4

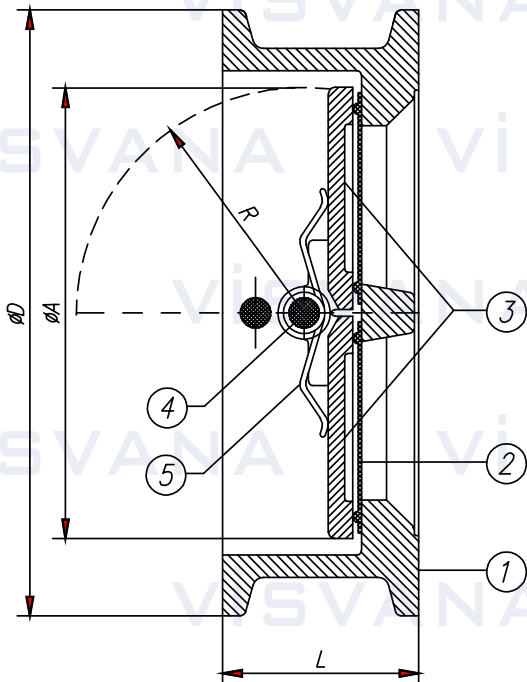
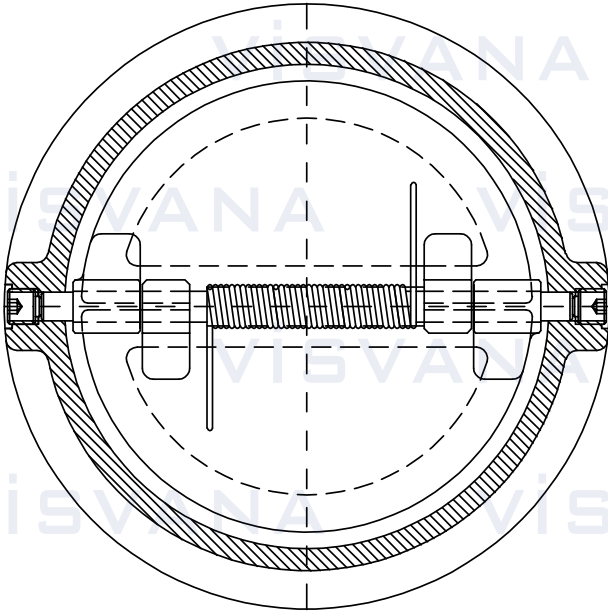
PN 10-16-25-40

DIN EN 1092 Flange

DIN EN 558-1-16, (DIN 3202-2-K3)

Test: EN 12266-A

DN 40 - DN 800



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25/GGG 40/GS-C 25/AISI 304/AISI 316/Bronze
2	Sealing Ring	Sit	PTFE / EPDM / NBR / SS / Stellite 6
3	Plate	Disk	AISI 304 / AISI 316 / Bronze / GGG-40
4	Trim	Mil	AISI 304 / AISI 316
5	Spring	Yay	AISI 302

Nominal Diameter Anma Çapı	ØD						Diameter Ağırlık kg
	ØA	R	L	Nominal Pressure / Anma Basıncı			
DN				PN 10	PN 16	PN 25	
40	58	33	33	94		94	1,00
50			43	109		109	1,50
65			46	129		129	2,40
80	70	41	64	144		144	3,80
100	95	52	64	164		164	5,00
125	128	70	70	194		194	6,80
150	132		76	220		220	8,00
200	192	104	89	275		284	15,00
250	244	126	114	330	330	343	27,00
300	295	153	114	380	386	403	34,00
350	320	168	127	440	446	460	53,00
400	380	195	140	491	498	515	70,00
450	420	217	152	541	558	565	100,00
500	480	247	152	596	620	625	130,00
600	585	299	178	698	735	732	180,00
700	690	352	229	808	808	834	260,00
800	780	395	241	915	915	942	340,00

DISC CHECK VALVE

DİSK ÇEK VALF

VDCV-16-40



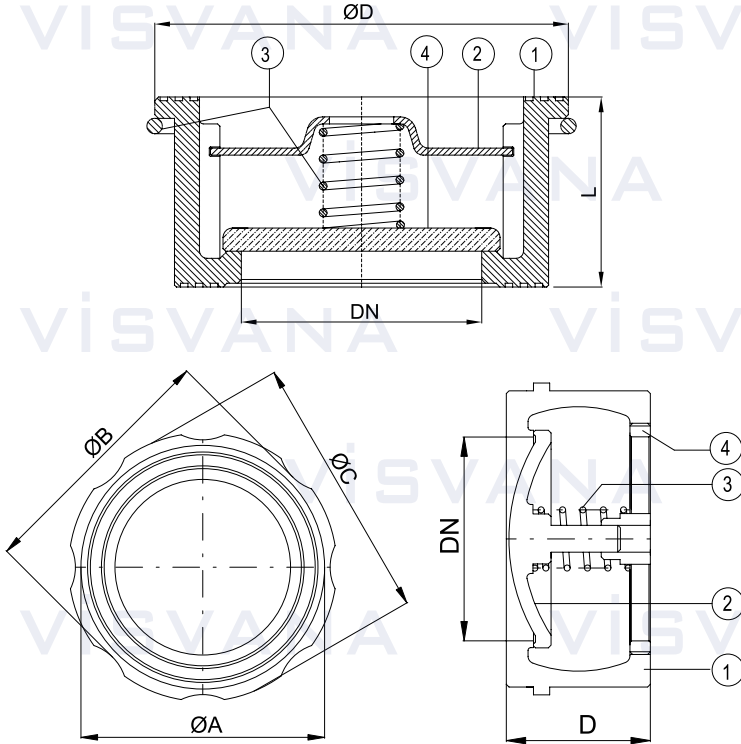
PN 16-40

DIN 3202/2-K4

ISO 5752

DIN 2501(Flanş)

DN 15/100 - 125/200



3

NO	PART NAME	PARÇAADI	MATERIAL / MALZEME			
1	Body	Gövde	Bronze / Bronz	Steel / Çelik	AISI 316	
2	Disc Guide	Disk Klavuzu	AISI 316	AISI 316	AISI 316	
3	Spring	Yay	AISI 316	AISI 316	AISI 316	
4	Disc	Disk	AISI 304	AISI 304	AISI 304	
5	Seal	Burc	Bronze / Bronz	Steel / Çelik	AISI 316	
Pressure Rating / Basınç Sınıfı			PN 16	PN 40	PN 40	
Pressure In Bares / Basınç Değişimi			16	15	14	13
Max. Temp.In °C / Max. Sıcaklık °C			120	180	200	250
Min. Temp.In °C / Min. Sıcaklık °C			-60	-60	-60	-60

NO	PART NAME	PARÇAADI	MATERIAL / MALZEME			
1	Body	Gövde	Steel / Çelik	AISI 316		
2	Disc	Disk	AISI 304	AISI 304		
3	Spring	Yay	AISI 316	AISI 316		
4	Disc Guide	Disk Klavuzu	AISI 316	AISI 316		
Pressure Rating / Basınç Sınıfı			PN 40	PN 40		
Pressure In Bares / Basınç Değişimi			40	35	28	21
Max. Temp.In °C / Max. Sıcaklık °C			120	200	300	400
Min. Temp.In °C / Min. Sıcaklık °C			-10	-10	-10	-60

	Flow Direction Akış Yönü	MINIMUM OPENING / MINİMUM AÇMA - PRESSURE(mbar) / BASINÇLAR(mbar)									
		DN 15	DN 20	DN 25	DN 32	DN 40	DN 50	DN 65	DN 80	DN 100	
With Spring / Yaylı	↕	21	21	21	21	21	21	21	21	21	
	↘	17	17	18,3	16,3	16,2	16,1	15	13,7	12,5	
	↙	23	23	23	23	24	25	25	26	26,5	
Without Spring / Yaysız	↘	2,6	2,6	2,6	3,9	4	4,2	5,1	5,6	7,4	

	Flow Direction Akış Yönü	MINIMUM OPENING / MINİMUM AÇMA PRESSURE(mbar) / BASINÇLAR(mbar)		
		DN 125	DN 150	DN 200
With Spring / Yaylı	↕	22	23,5	24
	↘	12	13	14,5
Without Spring / Yaysız	↘	30	32,5	35
	↙	15	17	18,5

Nominal Diameter / Anma Çapı	DIMENSIONS / ÖLÇÜLER									
	DN	15	20	25	32	40	50	65	80	100
Valve Dimensions / Vana Boyutları DIN 3202/3-K4	ØD	40	47	56	72	82	95	115	132	152
	L	16	19	22	28	32	40	46	50	60
Weight / Ağırlık	kg	0,100	0,135	0,200	0,460	0,630	0,980	1,350	2,080	3,040

Nominal Diameter / Anma Çapı	DIMENSIONS / ÖLÇÜLER			
	DN	125	150	200
Valve Dimensions / Vana Boyutları DIN 3202/3-K4	ØA	184	209	276
	ØB	194	221	287
	ØC	-	227	-
	D	90	106	140
Weight / Ağırlık	kg	9	14	24

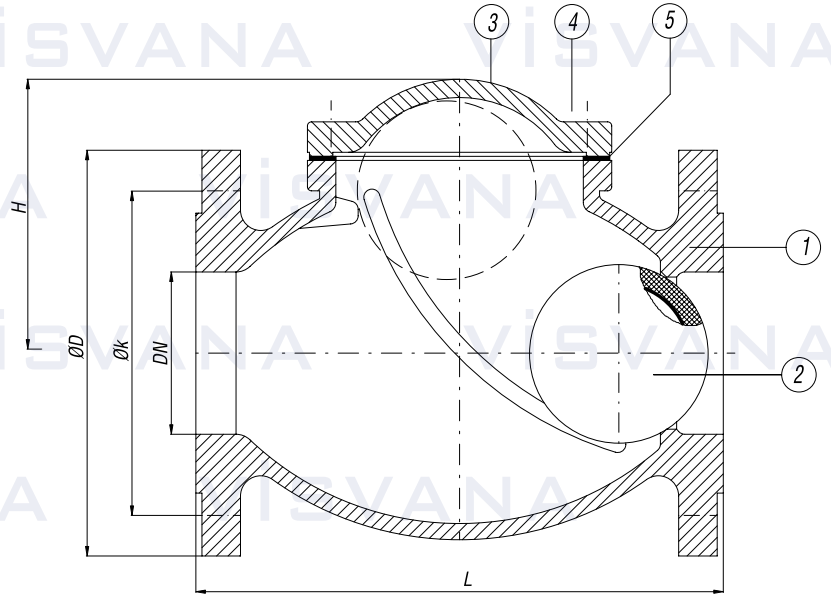
Nominal Diameter / Anma çapı: DN40-DN300

Nominal Pressure / Anma Basıncı: PN10-16

Ends / Bağlantılar: DIN 2501(Flanş)

Temperature / Sıcaklık: -10°C+120°C (DIN 2401-2)

Dimensions / Boyutlar: DIN 3202-F6



NO	PART NAME	PARÇAADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 / GGG 40 / 50
2	Ball	Küre	NBR + (GG-25) St-37
3	Bonnet	Kapak	GG 25 / GGG 40 / 50
4	Gasket	Conta	NBR
5	Bolt	Civata	5D / Paslanmaz Çelik

Nominal Pressure / Anma Basıncı	PN 10										
Nominal Diameter / Anma Çapı	DN	40	50	65	80	100	125	150	200	250	300
Valve Dimensions / Vana Boyutları DIN 3202/2-F6	L	180	200	240	260	300	350	400	500	600	700
	H	100	110	130	145	170	195	205	260	390	500
Flange Dimensions / Flanş Ölçüleri DIN 2501/TS 810 PN 10	D	150	165	185	200	220	250	285	340	395	445
	k	110	125	145	160	180	210	240	295	350	400
Weight / Ağırlık	kg	8	9	12	14	22	30	49	98	125	240

SUCTION STRAINER

SİNTİNE SÜZGEÇİ

VSSK-10

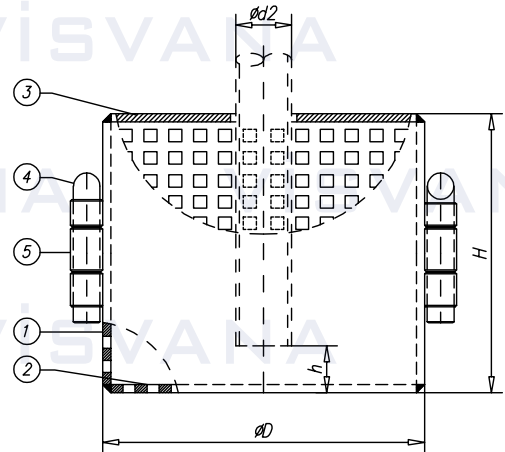
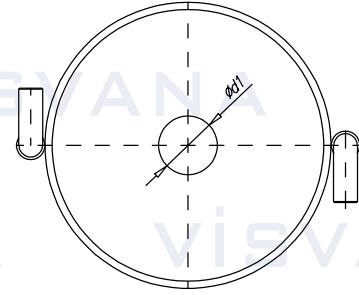


DIN 87 160
DN20-DN350
8x8 Mesh



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Screen	Filtre	Gl. Steel / AISI 304-316-316L
2	Bottom	Taban Sacı(Delikli)	Gl. Steel / AISI 304-316-316L
3	Copver	Üst Sac (Deliksiz)	Gl. Steel / AISI 304-316-316L
4	Pin	Pim	Gl. Steel / AISI 304-316-316L
5	Hinge	Menteşe	Gl. Steel / AISI 304-316-316L

<i>Nominal Diameter</i> Anma Çapı	<i>Pipe Diameter</i> Boru Çapı			<i>Weight (Kg)</i> Ağırlık (Kg)		
DN	ØD	Ød1	Ød2	H	h	
20	85	30	26,9	80	12	0,90
25	85	37	33,7	80	12	1,00
32	100	45	42,4	90	12	1,15
40	125	48	44,5	98	12	1,50
50	150	60	57	123	15	2,00
65	200	80	76	160,5	22	3,00
80	225	94	89	200	24	5,00
100	275	114	108	237,5	30	7,00
125	340	138	133	300	38	10,00
150	400	165	159	362,5	45	13,00
200	510	222	216	470	60	16,00
250	600	280	273	600	80	25,00
300	750	325	318	700	95	35,00
350	860	374	368	800	110	47,00



Pressure / Anma Basıncı: DN 40 - DN 600 PN 4

DN 500 - 600 DN 2,5

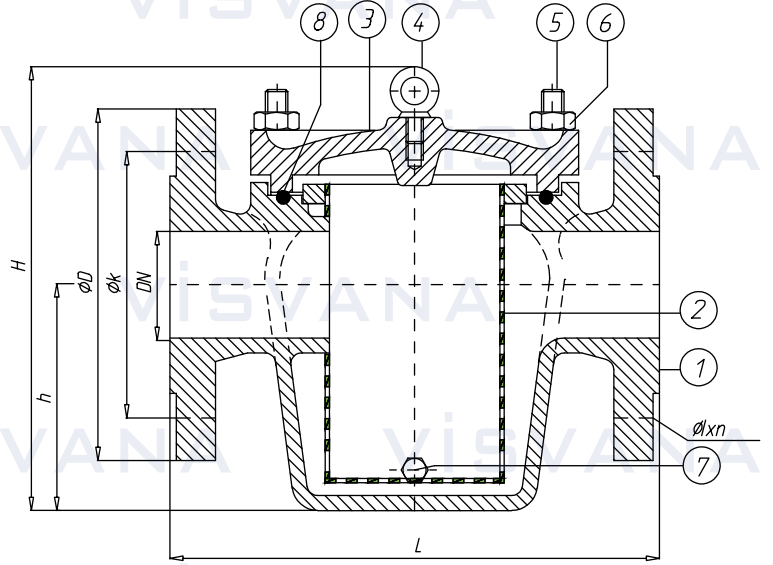
Application: For pipelines for sea cooling water

Size / Anma Çapı: DN40-DN600

Dimensions / Boyutlar: DIN87 151-D Straight

DIN EN 12266

Options / Opsiyon: ANSI, JIS Flanges



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG25/GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470
2	Screen	Filtre	AISI 304L / AISI 316L / AISI 316Ti / CuNi10Fe
3	Bonnet	Kapak	GG25/GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470
4	Ring Screw	Mapa	Galvanized Steel
5	Stud	Saplama	Steel / A2 / A4
6	Nut	Somun	Steel / A2 / A4
7	Plug	Tapa	Bronze / AISI 304 / AISI 316
8	O-Ring/Gasket	O-Ring / Conta	

Note: Totally stainless steel or bronze discs are optional in 3" and bigger sizes.

Not: Komple paslanmaz veya bronz diskler 3" ve daha büyük ölçülerde opsiyoneldir.

Nominal Pressure / Basıncı	PN	4												2,5	
Nominal Diameter / Anma Çapı	DN	40	50	65	80	100	125	150	200	250	300	350	400	500	600
Valve Dimensions / Vana Boyutları DIN 87 151 D Straight Type	L	200	230	290	310	350	400	480	600	600	700	800	740	1000	1100
	H	205	225	260	310	345	395	465	565	610	675	790	900	1100	1100
	h	95	106	134	156	185	225	265	335	345	390	425	470	525	670
Flange Dimensions / Flanş Ölçüleri DIN EN 1092 PN 10	D	150	165	185	200	220	250	285	340	395	445	505	565	670	780
	k	110	125	145	160	180	210	240	295	350	400	460	515	620	725
	Øxn	Ø18x4			Ø18x8			Ø22x8		Ø22x12		Ø22x16	Ø26x16	Ø26x20	Ø30x20
Weight / Ağırlık	kg	14	19	26	33	45	60	86	147	180	245	325	415	550	815
Flange Dimensions / Flanş Ölçüleri DIN EN 1092 PN 16	D	150	165	185	200	220	250	285	340	405	460	520	580	715	840
	k	110	125	145	160	180	210	240	295	355	410	470	525	650	770
	Øxn	Ø18x4			Ø18x8			Ø22x8	Ø22x12	Ø26x12		Ø26x16	Ø30x16	Ø33x20	Ø36x20
Weight / Ağırlık	kg	14	19	26	33	45	60	86	150	185	250	330	420	560	825

ANGLE TYPE MUD BOX

KÖŞE TİP ÇAMUR KUTUSU

VCVA-10



Pressure Rate / Basınç Aralığı: PN 4

Size Range / Ölçü Aralığı: DN40-DN400

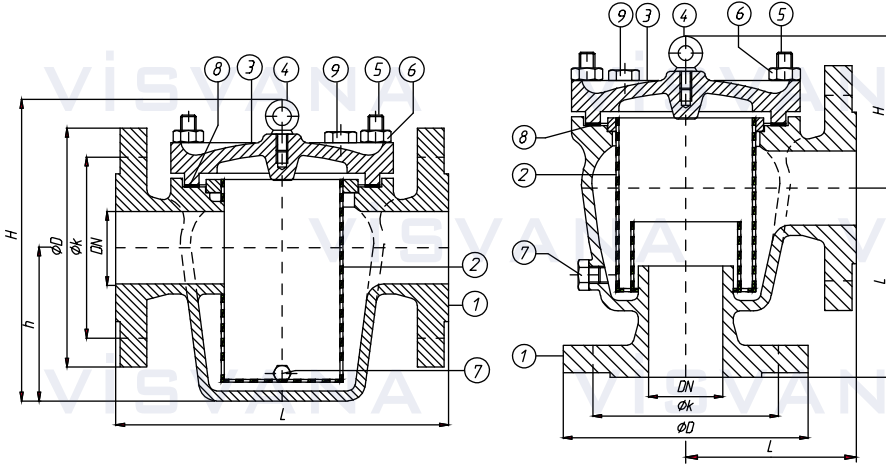
Flange Ends / Flanş: DIN EN 1092(PN10Flange)

Application: For pipelines for sea cooling water

Dimensions / Ölçüler: DIN 87 151-E Angle

DIN 87 151-D Straight

Test: DIN EN 12266



4

NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG25/GGG40/GGG40.3/GSC25/Bronze R65, R67, RG10, CuSn10/SS304,SS316, Duplex 1.4470
2	Screen	Filtre	AISI 304L / AISI 316L / AISI 316Ti / CuNi10Fe
3	Bonnet	Kapak	GG25/GGG40/GGG40.3/GSC25/Bronze R65, R67, RG10, CuSn10/SS304,SS316, Duplex 1.4470
4	Ring Screw	Mapa	Galvanized Steel
5	Ring Stud	Saplama	Steel / A2 / A4
6	Nut	Somun	Steel / A2 / A4
7	Plug	Tapa	Bronze / AISI 304 / AISI 316
8	O-Ring/Gasket	O-Ring/Conta	EPDM / NBR

Nom. Diameter Anma Çapı	Capacity Water (v=1,5m/sec.)	Nom. Diameter Anma Çapı	STRAIGHT FORM / DÜZ TİP	Diameter Ağırlık	Nom. Diameter Anma Çapı	ANGLE FORM / AÇILI TİP	Diameter Ağırlık
DN	1/min. m³/h	DN	ØD Øk L H h	kg	DN	ØD Øk L H	kg
40	113 6,8	40	150 110 200 205 95	14	40	150 110 125 240	15
50	177 10,6	50	165 125 230 225 106	19	50	165 125 135 260	21
65	298 17,9	65	185 125 290 260 134	26	65	185 125 150 280	25
80	495 29,7	80	200 160 310 310 156	33	80	200 160 175 330	36
100	708 42,4	100	220 180 350 345 185	45	100	220 180 195 350	51
125	1100 66,2	125	250 210 400 395 225	60	125	250 210 220 415	69
150	1590 95,4	150	285 240 480 465 265	86	150	285 240 270 470	94
175	2360 142	175	315 270 550 500 296	115	175	315 270 300 505	120
200	2830 169,6	200	340 295 600 565 335	147	200	340 295 300 540	138
250	4420 235,2	250	395 350 600 610 345	180	250	395 350 390 660	200
300	6365 382	300	445 400 700 675 390	245	300	445 400 450 760	278
350	8660 520	350	505 460 800 790 425	325	350	505 460 400 730	330
400	12350 740	400	565 515 740 900 470	415	400	565 515 420 ₅₂₀ 980	458

Pressure / Anma Basıncı: DN 40 - DN 600 PN 4

DN 500 - 600 DN 2,5

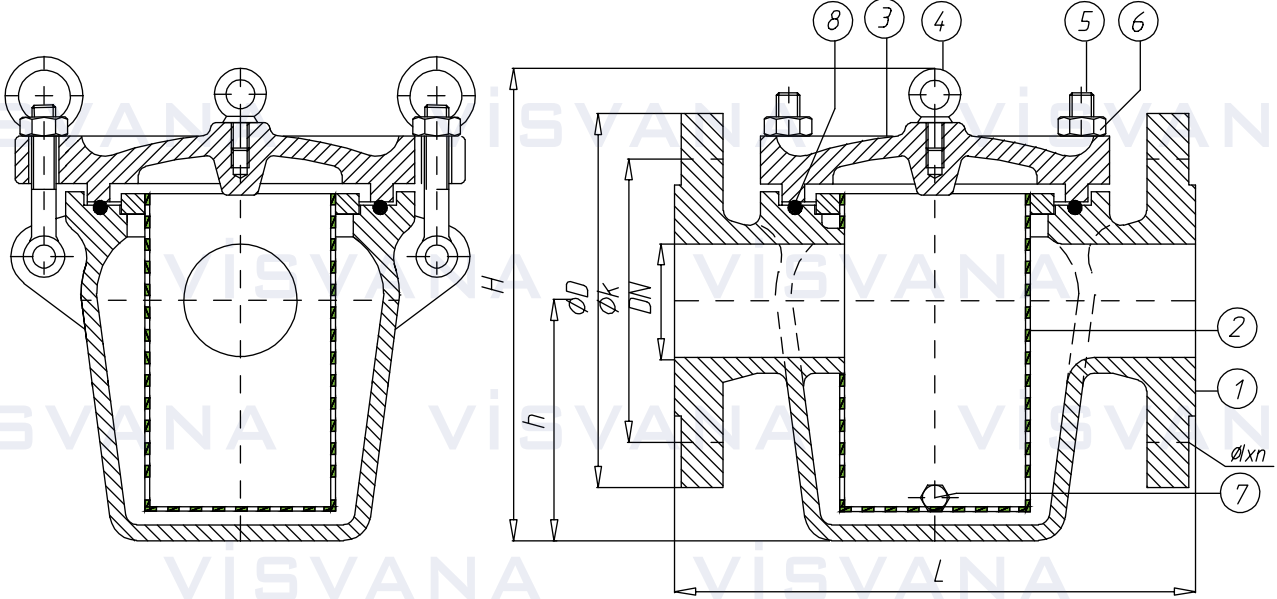
Application: For pipelines for sea cooling water

Size / Anma Çapı: DN40-DN600

Dimensions / Boyutlar: DIN87 151-D Straight

DIN EN 12266

Options / Opsiyon: ANSI, JIS Flanges



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG25/GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470
2	Screen	Filtre	AISI 304L / AISI 316L / AISI 316Ti / CuNi10Fe
3	Bonnet	Kapak	GG25/GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470
4	Ring Screw	Mapa	Galvanized Steel
5	Stud	Saplama	Steel / A2 / A4
6	Nut	Somun	Steel / A2 / A4
7	Plug	Tapa	Bronze / AISI 304 / AISI 316
8	O-Ring/Gasket	O-Ring / Conta	

Note: Totally stainless steel or bronze discs are optional in 3" and bigger sizes.

Not: Komple paslanmaz veya bronz diskler 3" ve daha büyük ölçülerde opsiyoneldir.

Nominal Pressure / Basıncı Nominal Diameter / Anma Çapı	PN	4												2,5	
	DN	40	50	65	80	100	125	150	200	250	300	350	400	500	600
Valve Dimensions / Vana Boyutları DIN 87 151 D Straight Type	L	200	230	290	310	350	400	480	600	600	700	800	740	1000	1100
	H	205	225	260	310	345	395	465	565	610	675	790	900	1100	1100
	h	95	106	134	156	185	225	265	335	345	390	425	470	525	670
Flange Dimensions / Flanş Ölçüleri DIN EN 1092 PN 10	D	150	165	185	200	220	250	285	340	395	445	505	565	670	780
	k	110	125	145	160	180	210	240	295	350	400	460	515	620	725
	Øxn	Ø18x4			Ø18x8			Ø22x8			Ø22x12		Ø22x16	Ø26x16	Ø26x20
Weight / Ağırlık	kg	14	19	26	33	45	60	86	147	180	245	325	415	550	815
Flange Dimensions / Flanş Ölçüleri DIN EN 1092 PN 16	D	150	165	185	200	220	250	285	340	405	460	520	580	715	840
	k	110	125	145	160	180	210	240	295	355	410	470	525	650	770
	Øxn	Ø18x4			Ø18x8			Ø22x8	Ø22x12	Ø26x12		Ø26x16	Ø30x16	Ø33x20	Ø36x20
Weight / Ağırlık	kg	14	19	26	33	45	60	86	150	185	250	330	420	560	825

ANGLE TYPE MUD BOX

with quick release bonnet

KÖŞE TİP ÇAMUR KUTUSU

Kelebek Civatalı

VCVAQ-10



Pressure Rate / Basınç Aralığı: PN 4

Size Range / Ölçü Aralığı: DN40-DN400

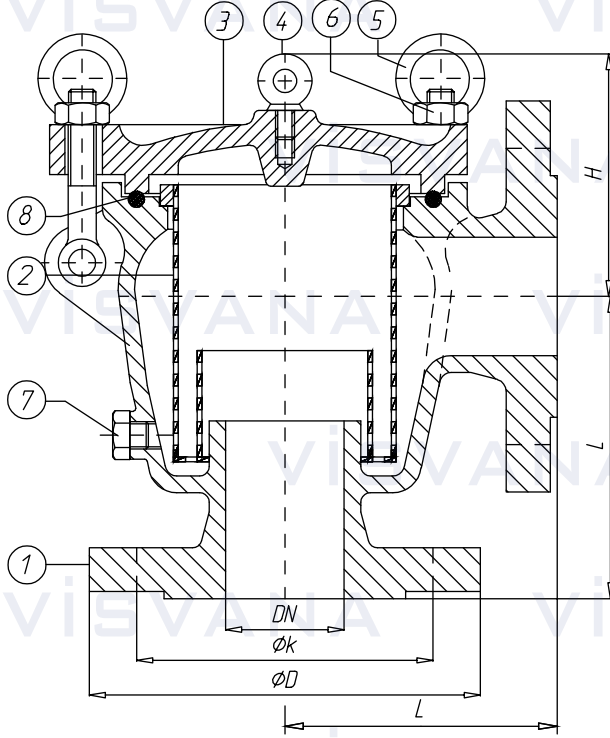
Flange Ends / Flanş: DIN EN 1092(PN10Flange)

Application: For pipelines for sea cooling water

Dimensions / Ölçüler: DIN 87 151-E Angle

DIN 87 151-D Straight

Test: DIN EN 12266



4

NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG25/GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470
2	Screen	Filtre	AISI 304L / AISI 316L / AISI 316Ti / CuNi10Fe
3	Bonnet	Kapak	GG25/GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470
4	Ring Screw	Mapa	Galvanized Steel
5	Ring Stud	Saplama	Steel / A2 / A4
6	Nut	Somun	Steel / A2 / A4
7	Plug	Tapa	Bronze / AISI 304 / AISI 316
8	O-Ring/Gasket	O-Ring/Conta	EPDM / NBR

Nom. Diameter Anma Çapı	Capacity Water (v=1,5m/sec.)	
DN	l/min.	m³/h
40	113	6,8
50	177	10,6
65	298	17,9
80	495	29,7
100	708	42,4
125	1100	66,2
150	1590	95,4
175	2360	142
200	2830	169,6
250	4420	235,2
300	6365	382
350	8660	520
400	12350	740

Nom. Diameter Anma Çapı	STRAIGHT FORM / DÜZ TİP							Diameter Ağırlık
DN	ØD	Øk	L	H	h			kg
40	150	110	200	205	95			14
50	165	125	230	225	106			19
65	185	125	290	260	134			26
80	200	160	310	310	156			33
100	220	180	350	345	185			45
125	250	210	400	395	225			60
150	285	240	480	465	265			86
175	315	270	550	500	296			115
200	340	295	600	565	335			147
250	395	350	600	610	345			180
300	445	400	700	675	390			245
350	505	460	800	790	425			325
400	565	515	740	900	470			415

Nom. Diameter Anma Çapı	ANGLE FORM / AÇILI TİP					Diameter Ağırlık
DN	ØD	Øk	L	H		kg
40	150	110	125	240		15
50	165	125	135	260		21
65	185	125	150	280		25
80	200	160	175	330		36
100	220	180	195	350		51
125	250	210	220	415		69
150	285	240	270	470		94
175	315	270	300	505		120
200	340	295	300	540		138
250	395	350	390	660		200
300	445	400	450	760		278
350	505	460	400	730		330
400	565	515	420 ₅₂₀	980		458

QUICK CLOSING VALVE STRAIGHT FORM VDAK-16 ANİ KAPAMA VANASI DÜZ TİP VDAK-16

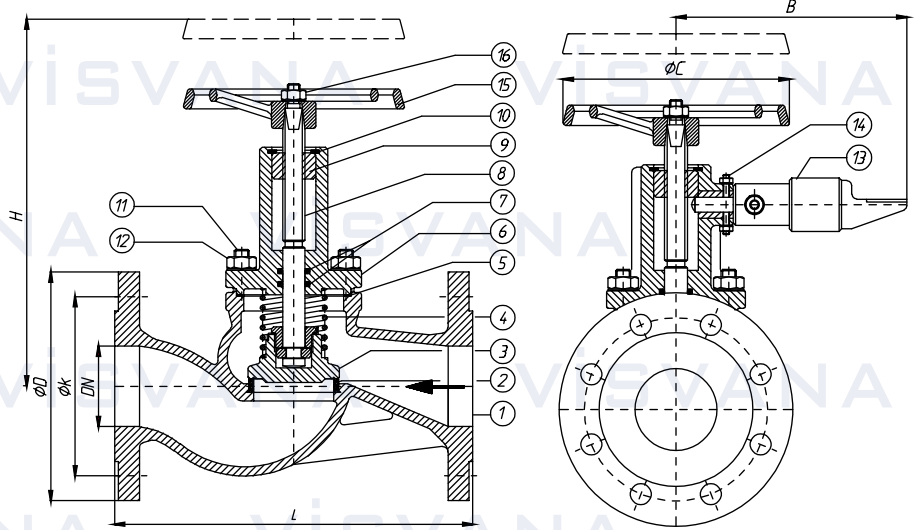
Pressure Rate / Basınç Aralığı: PN 16

Size Range / Ölçü Aralığı: DN15-DN200

Dimensions / Ölçüler: DIN 3202/2-F1 (Straight-Düz)

Flange Ends / Flans: DN 2533

Options / Opsiyon: ANSI, JIS Flanges



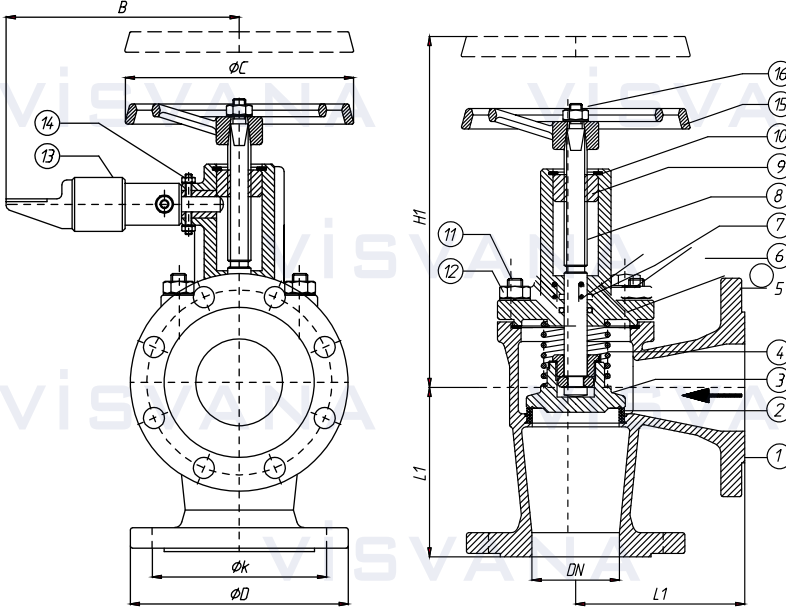
NO	P. NAME	P. ADI	MATERIAL / MALZEME	NO	P. NAME	P. ADI	MATERIAL / MALZEME
1	Body	Gövde	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304, SS316, Duplex 1.4470	8	Spindle	Mil	AISI 420/AISI 304/AISI 316/Bronze RG5/Duplex
2	Seat Ring	Gövde Siti	AISI 304 / AISI 316 / Bronze RG5 / Duplex	9	Stem Nut	Mil Somunu	AISI 420/AISI 304/AISI 316/Bronze RG5/Duplex
3	Disc	Disk	AISI 420/AISI 304/AISI 316/Bronze RG5/Duplex	10	Segment	Segman	Steel
4	Spring	Yay	AISI 302	11	Stud	Saplama	Steel / A2 / A4
5	Gasket	Conta	Klingerite / Graphite	12	Nut	Somun	Steel / A2 / A4
6	Bonnet	Kapak	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304, SS316, Duplex 1.4470	13	Piston	Piston	Brass
7	O-Ring	O-Ring	Viton	14	Stud Nut	Saplama	Steel / A2 / A4
				15	Handwheel	Volan	GG25
				16	Nut	Somun	Steel / A2 / A4

Nominal Pressure / Basıncı	PN	16												10
Nominal Diameter / Anma Çapı	DN	15	20	25	32	40	50	65	80	100	125	150	200	
Valve Dimensions / Vana Boyutları TSEK DIN 3202/2-F1	L	130	150	160	180	200	230	290	310	350	400	480	600	
	B	145										150	155	
	ØC	120		140		160		180	200	225	250	300	400	
	H Open Açık	185	185	195	205	230	240	275	290	350	410	430	580	
Flange Dimensions / Flans Ölçüleri TS810/DIN2501 PN 16	D	95	105	115	140	150	165	185	200	220	250	285	340	
	k	65	75	85	100	110	125	145	160	180	210	240	295	
Weight / Ağırlık	kg	4,4	5,5	6,5	7,5	10,5	13,5	17,5	24	33	55	95	130	

**QUICK CLOSING VALVE
ANGLE FORM VAKK-16**
ANİ KAPAMA VANASI
AÇILI TİP VAKK-16

VAKK-16 

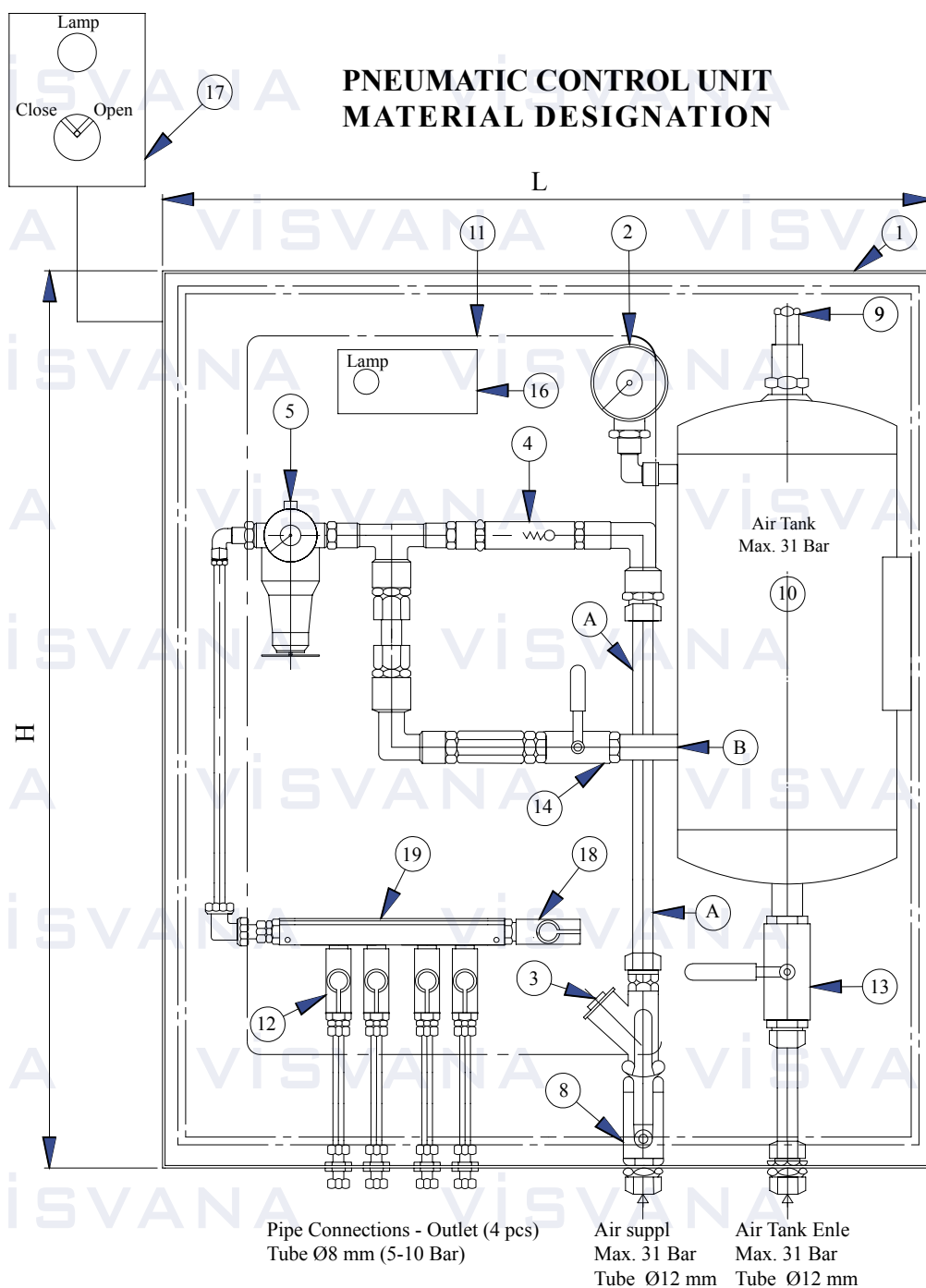
Pressure Rate / Basınç Aralığı: PN 16
Size Range / Ölçü Aralığı: DN15-DN200
Dimensions / Ölçüler: DIN 3202/2-F32(Angle-Açılı)
Flange Ends / Flans: DN 2533
Options / Opsiyon: ANSI, JIS Flanges



5

NO	P. NAME	P. ADI	MATERIAL / MALZEME	NO	P. NAME	P. ADI	MATERIAL / MALZEME
1	Body	Gövde	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470	8	Spindle	Mil	AISI 420/AISI 304/AISI 316/Bronze RG5/Duplex
2	Seat Ring	Gövde Siti	AISI 304 / AISI 316 / Bronze RG5 / Duplex	9	Stem Nut	Mil Somunu	AISI 420/AISI 304/AISI 316/Bronze RG5/Duplex
3	Disc	Disk	AISI 420/AISI 304/AISI 316/Bronze RG5/Duplex	10	Segment	Segman	Steel
4	Spring	Yay	AISI 302	11	Stud	Saplama	Steel / A2 / A4
5	Gasket	Conta	Klingerite / Graphite	12	Nut	Somun	Steel / A2 / A4
6	Bonnet	Kapak	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470	13	Piston	Piston	Brass
7	O-Ring	O-Ring	Viton	14	Stud Nut	Saplama	Steel / A2 / A4
				15	Handwheel	Volan	G625
				16	Nut	Somun	Steel / A2 / A4

Nominal Pressure / Basıncı	PN	16												10
Nominal Diameter / Anma Çapı	DN	15	20	25	32	40	50	65	80	100	125	150	200	
Valve Dimensions / Vana Boyutları TSEK DIN 3202/2-F32 DIN EN 558-1-8	L	90	95	100	105	115	125	145	155	175	200	225	275	
	B	145										150	155	
	ØC	120		140		160		180	200	225	250	300	400	
	H Open Açık	185	185	195	205	230	240	275	290	350	410	430	580	
Flange Dimensions / Flanş Ölçüleri DIN EN 1092 PN 16	D	95	105	115	140	150	165	185	200	220	250	285	340	
	k	65	75	85	100	110	125	145	160	180	210	240	295	
Weight / Ağırlık	kg	4,4	5,5	6,5	8	10,5	13	17	24	30	45	65	110	



SELF CLOSING VALVE

STRAIGHT & ANGLE TYPE

STRAIGHT VAKD-16/ANGLE VAKK-16

AĞIRLIKLI TİP KAPAMA VANASI

DÜZ TİP VAKD-16 / KÖŞE TİP VAKK-16

Straight/Düz Tip:VAKD-16

Angle/Köşe Tip:VAKK-16



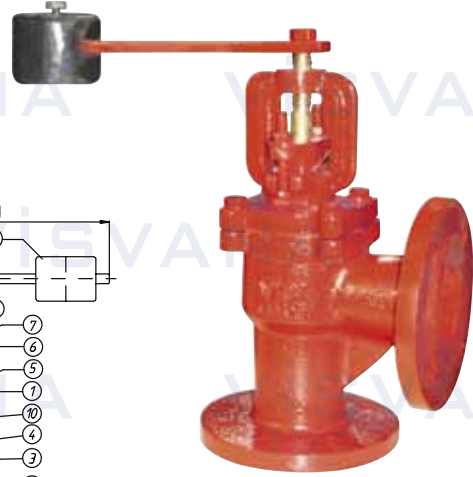
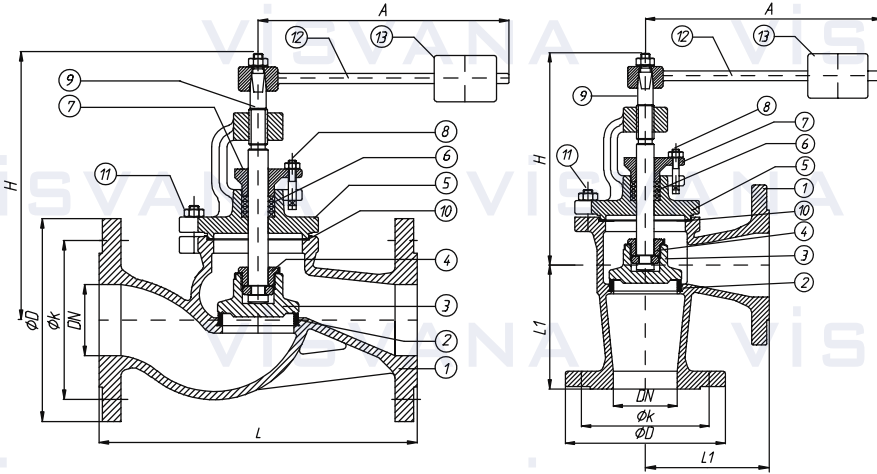
Pressure Rate / Basınç Aralığı: PN 16

Size Range / Ölçü Aralığı: DN15-DN100

Dimensions / Ölçüler: DIN 3356/2-F1(Straight-Düz)

DIN 3356/2-F32(Angle-Açılı)

Ends / Bağlantılar: DIN EN 1092-1-2



5

NO	P. NAME	P. ADI	MATERIAL / MALZEME	NO	P. NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470	7	Gland	Salmastra Baskısı	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470
2	Seat Ring	Gövde Siti	AISI 304 / AISI 316 / Bronze RG5 / Duplex	8	T Stud, Nut	T Cıvata Somun	6.8 / 8.8 / A2 / A4
3	Disc	Disk	AISI 420/AISI 304/AISI 316/Bronze RG5/Duplex	9	Spindle	Mil	AISI 420/AISI 304/AISI 316/Bronze RG5/Duplex
4	Spring	Yay	AISI 302	10	Gasket	Conta	Klingerite / Graphite
5	Bonnet	Kapak	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470	11	Stud, Nut	Saplama Somun	6.8 / 8.8 / A2 / A4
6	Packing	Salmastra	Graphite / PTFE	12	Lever	Kol	Steel
				13	Weight	Ağırlık	G625

Nominal Pressure / Anma Basıncı Nominal Diameter / Anma Çapı		PN	16								
		DN	15	20	25	32	40	50	65	80	100
Valve Dimensions / Vana Boyutları DIN 3356/2-F1 DIN EN 558-1-1 DIN 3356/2-F32 DIN EN 558-1-8		L	130	150	160	180	200	230	290	310	350
		L1	90	95	100	105	115	125	145	155	175
		A	180		230			250	300	450	
		H1	190		200	210	230	240	280	300	350
		H2	200		210	225	250	260	305	330	385
Flange Dimensions / Flanş Ölçüleri DIN EN 1092-1-2 PN 16		D	95	105	115	140	150	165	185	200	220
		k	65	75	85	100	110	125	145	160	180
Weight / Ağırlık	Straight / Düz Tip	kg	5,5	6,5	7	9	15	16,5	21	27	38
	Angle / Köşe Tip	kg	5	6	6,3	8,5	13	14,5	20	24	36

Pressure Rate / Basınç Aralığı: CLASS 150

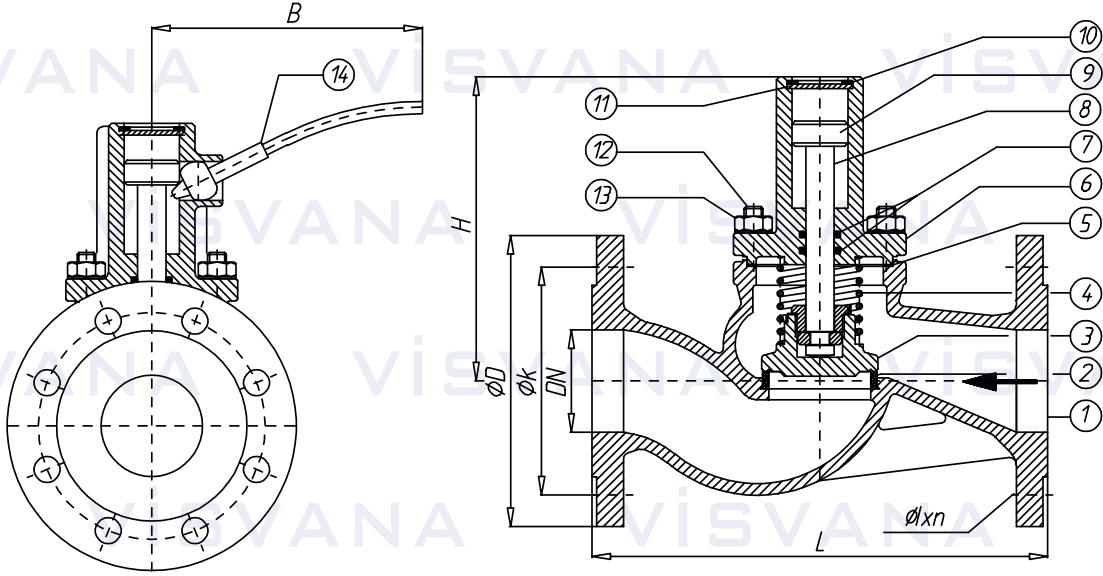
Size Range / Ölçü Aralığı: DN15-DN100

Dimensions / Ölçüler: DIN 3202/2-F1(Straight-Düz)

Flange Ends / Flanş: ANSI B165 RF

Test: API 598 / DIN EN 12266

Options / Opsiyon: ANSI JIS Flanges



NO	P. NAME	P. ADI	MATERIAL / MALZEME	NO	P. NAME	P. ADI	MATERIAL / MALZEME
1	Body	Gövde	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470	7	O-Ring	O-Ring	Viton
2	Seat Ring	Gövde Siti	AISI 304/AISI 316/Bronze RG5/Duplex	8	Stem	Mil	AISI 420/AISI 304/AISI 316/Bronze RG5/Duplex
3	Disc	Disk	AISI 420/AISI 304/AISI 316/Bronze RG5/Duplex	9	Stem Disc	Mil Diski	AISI 420/AISI 304/AISI 316/Bronze RG5/Duplex
4	Spring	Yay	AISI 302	10	Segment	Segman	Steel
5	Gasket	Conta	Klingerite / Graphite	11	Washer	Pul	Steel / SS304 / SS316
6	Bonnet	Kapak	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304,SS316, Duplex 1.4470	12	Stud	Saplama	Steel / A2 / A4
				13	Nut	Somun	Steel / A2 / A4
				14	Handlever	Kol	Steel / SS304 / SS316

Nominal Pressure / Anma Basıncı	PN	CLASS 150								
Nominal Diameter / Anma Çapı	DN	15	20	25	32	40	50	65	80	100
Valve Dimensions / Vana Boyutları DIN 3202/2-F1 DIN EN 558-1-1	L	130	150	160	180	200	230	290	310	350
	B				125				150	
	H Open		110		120	140	145	156	180	200
Flange Dimensions / Flanş Ölçüleri ANSI B16,5 RF Flange Class 150	D	95	105	115	140	150	165	185	200	220
	k	65	75	85	100	110	125	145	160	180
	Øxn				Ø16x4			Ø19x4		Ø19x4
Weight / Ağırlık	kg	4,2	4,7	5	6,5	8,5	9	10,5	13	18

STR. FORM STORM VALVE

DÜZ TİP FIRTINA VANASI

VFVD-10



Pressure Rate / Basınç Aralığı: PN 10

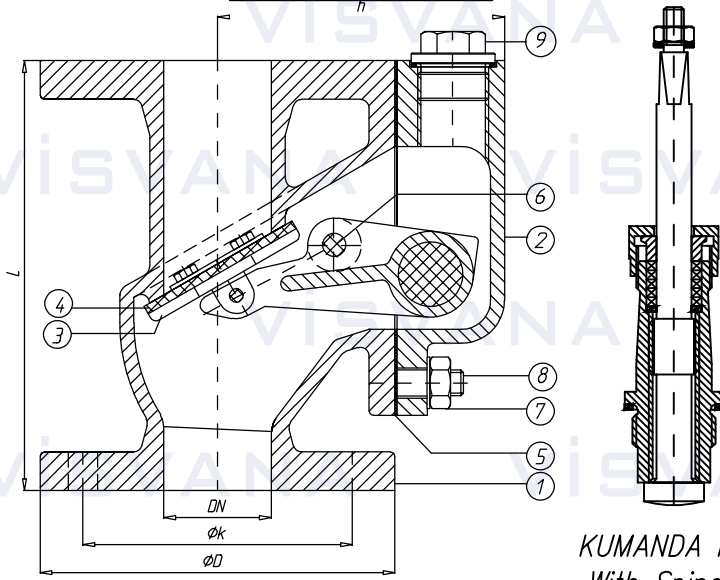
Size Range / Ölçü Aralığı: DN50-DN250

Dimensions / Ölçüler: DIN 87 101 B

Flange Ends / Flanş: DN EN 1092

Test: DIN EN 12266

Options / Opsiyon: ANSI JIS Flanges, Position Indicator / ANSI, JIS Flanş Ölçüleri, Seviye Göstergesi

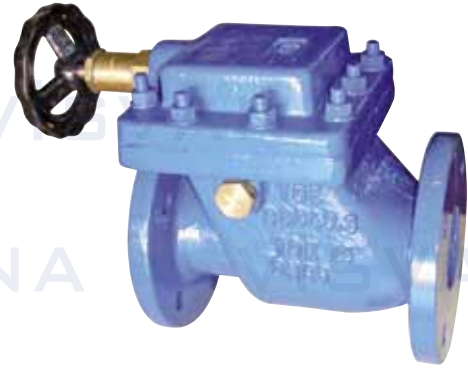


KUMANDA MİLİ
With Spindle



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304, SS316, Duplex 1.4470
2	Bonnet	Gövde Siti	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304, SS316, Duplex 1.4470
3	Flap	Disk	Bronze RG5, RG7, RG10, CuSn10/SS304, SS316, Duplex 1.4470
4	Gasket	Yay	NBR, Special Rubber
5	Gasket	Conta	NBR, Special Rubber
6	Pin	Kapak	Brass / CuSn10
7	Nut	O-Ring	Steel / A2 / A4
8	Stud	Mil	Steel / A2 / A4
9	Plug	Mil Diski	Brass

Nom. Diameter Anma Çapı	STRAIGHT FORM / DÜZ TİP				Diameter Ağırlık
DN	ØD	Øk	h	L	kg
50	165	125	137	200	16
65	185	145	148	240	20
80	200	160	174	260	26
100	220	180	195	300	33
125	250	210	216	350	47
150	285	240	242	400	63
200	340	295	315	500	100
250	395	350	405	650	180



6

Pressure Rate / Basınç Aralığı: PN 10

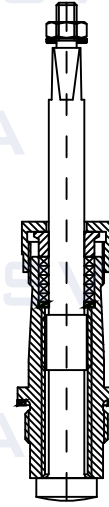
Size Range / Ölçü Aralığı: DN50-DN350

Dimensions / Ölçüler: DIN-HNA PN4

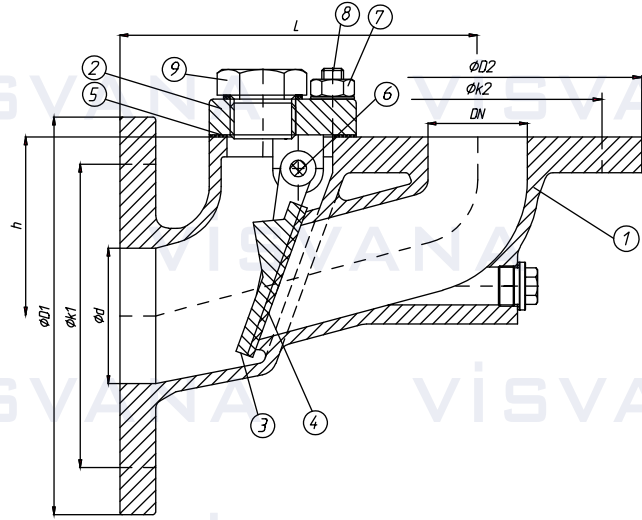
Flange Ends / Flans: DN 2532

Options / Opsiyon: ANSI JIS Flanges, Position

Indicator / ANSI, JIS Flans Ölçüleri, Seviye Göstergesi



KUMANDA MİLİ
With Spindle



NO	P. NAME	P. ADI	MATERIAL / MALZEME
1	Body	Gövde	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304, SS316, Duplex 1.4470
2	Bonnet	Gövde Siti	GGG40/GGG40.3/GSC25/Bronze RG5, RG7, RG10, CuSn10/SS304, SS316, Duplex 1.4470
3	Flap	Disk	Bronze RG5, RG7, RG10, CuSn10/SS304, SS316, Duplex 1.4470
4	Gasket	Yay	NBR, Special Rubber
5	Gasket	Conta	NBR, Special Rubber
6	Pin	Kapak	Brass / CuSn10
7	Nut	O-Ring	Steel / A2 / A4
8	Stud	Mil	Steel / A2 / A4
9	Plug	Mil Diski	Brass

Nom. Diameter Anma Çapı	ANGLE FORM / AÇILI TİP							Diameter Ağırlık
DN	Ød	ØD1	Øk1	ØD2	Øk2	L	h	kg
50	80	200	160	165	125	180	90	12
65	100	220	180	185	145	200	100	14
80	125	250	210	200	160	215	108	18
100	150	285	240	220	180	250	130	25
125	175	315	270	250	210	290	152	35
150	200	340	295	285	240	330	176	43
200	250	395	350	285	295	425	200	72
250	305	445	400	285	350	630	370	150
300	400	565	515	285	400	650	370	250
350	400	565	515	285	460	800	460	325

SELF CLOSING DRAIN VALVE

DREYN VANASI

VSCV-10

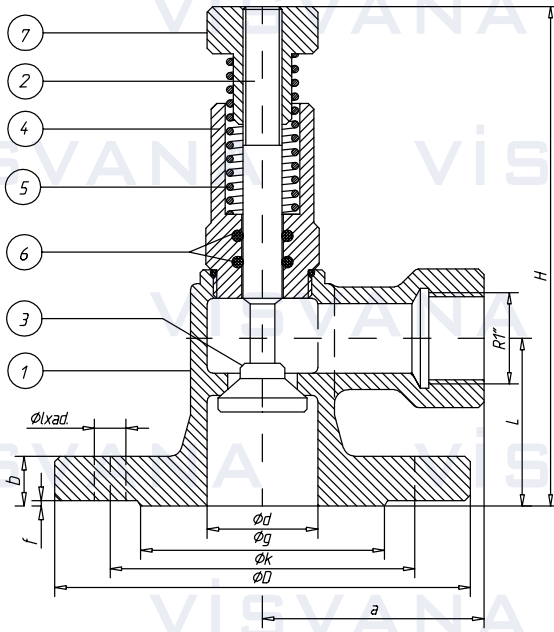


Pressure Rate / Basınç Aralığı: PN 16

Size Range / Ölçü Aralığı: DN20-DN40

Ends / Bağlantılar: DIN EN 1092-1-2

DIN EN 10226-1

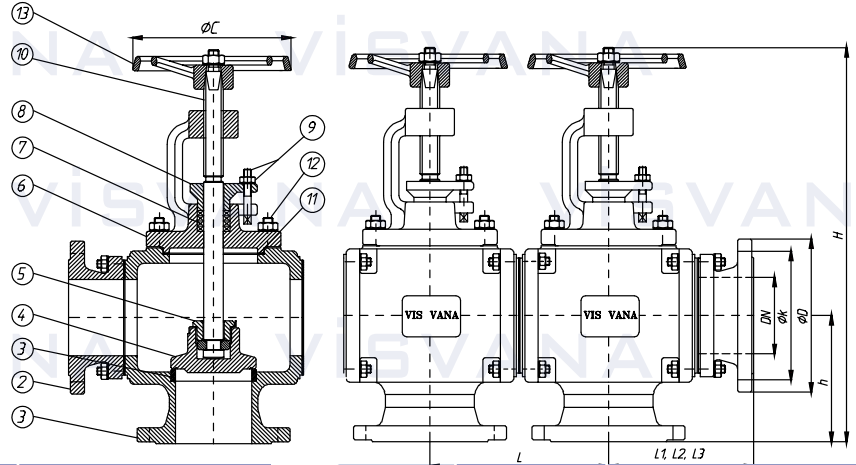
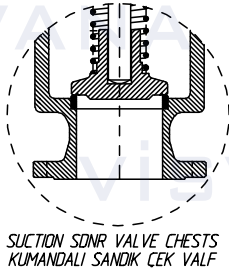


NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	Rg-S / GGG-40 / G-SC 25
2	Stem	Mil	AISI 304 / Rg-5
3	Disc	Klape	AISI 304 / Rg-5
4	Spring House	Yay Yuvası	Rg-S / GGG-40 / G-SC 25
5	Spring	Yay	AISI 304
6	O-Ring	O-Ring	EPDM
7	Spring Nut	Baskı	Rg-S / GGG-40 / G-SC 25

Nominal Pressure / Anma Basıncı	PN	10			
	DN	20	25	32	40
Valve Dimensions / Vana Boyutları	L	61			
	H	180			
	a	80			
	Ød	40			
Ends / Bağlantılar DIN EN 1092-1-2	ØD	105	115	140	150
	Øk	75	85	100	110
	Øg	58	68	78	88
	Ølxad	14x4		18x4	
	bxf	16		18	
Weight / Ağırlık	kg	2,5	3	4	4,5

7

Pressure Rate / Basınç Aralığı: PN16
Size Range / Ölçü Aralığı: DN40-DN250
Flange Ends / Flanş: DIN EN 1092
Dimensions / Boyutlar: DIN HNA-PN 16



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 / GGG-40 / G-SC 25	8	Gland	Salmastra Baskısı	GG 25 / GGG-40 / G-SC 25
2	Flange	Flanş	GG 25 / GGG-40 / G-SC 25	9	T Stud, Nut	T Saplama Somun	5,6-8
3	Seat Ring	Burc	1,4301 / Bronze	10	Spindle	Mil	1,4021 / Cu Sn8
4	Disc	Klape	1,4301 / Bronze	11	Gasket	Conta	Klingerite
5	Disc Nut	Baskı	Ms 58	12	Stud, Nut	Saplama Somun	5,6-8
6	Bonnet	Kapak	GG 25 / GGG-40 / G-SC 25	13	Handwheel	El Çarkı	GG 25
7	Packing	Salmastra	Graphite				

Note : There are other body type valve chest in our programme, kindly contact to our sales department or technical department to get more information.

Not : Başka gövde tiplerinde üretimimiz bulunmaktadır. Daha fazla bilgi için satış veya teknik departmanımızla iletişime geçiniz.

Nominal Pressure / Basıncı	PN	16										10
Nominal Diameter / Anma Çapı	DN	25	32	40	50	65	80	100	125	150	200	250
Valve Dimensions / Vana Boyutları DIN HNA	L	115	130	145	170	185	205	225	260	295	355	415
	L1	80	90	100	115	145	155	175	200	225	275	310
	L2	90	100	115	145	155	175	200	225	255	300	325
	L3	100	115	145	155	175	200	225	255	275	325	
	H	250	270	330	400	450	500	530	570	650	750	810
	h	80	90	100	115	145	155	175	200	225	275	325
	ØC	120		140		160		180		225		250 300
Flange Dimensions / Flanş Ölçüleri DIN EN 1092 PN 16	D	115	140	150	165	185	200	220	250	285	340	405
	k	85	100	110	125	145	160	180	210	240	295	355
Weight / Ağırlık	kg	6,0	8,5	12,0	18,0	30,3	33,0	42,0	55,0	76,0	130,0	180,0

SOUNDING COCKS VALVE 90°
STOP TURNING LEVER
AĞIRLIKLİ İSKANDİL VANASI
90° DÖNER KOLLU

VIVD-10



FULL BORE-THREADED

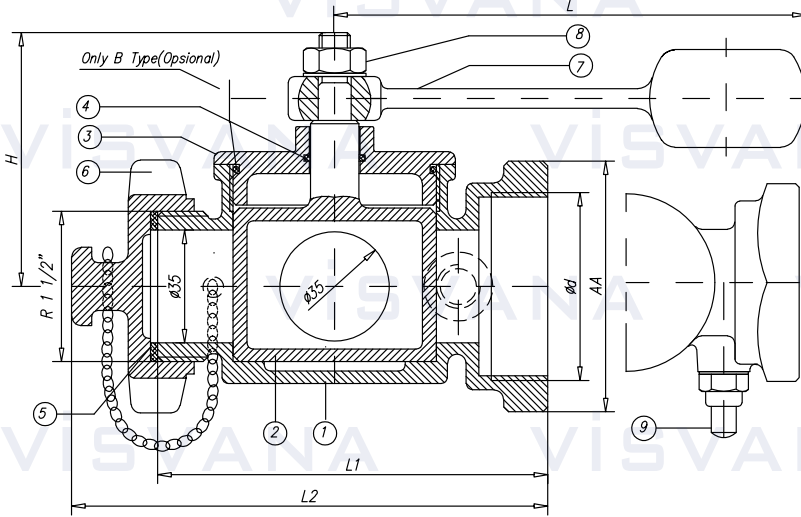
DÜZ GEÇİŞLİ-DİŞLİ

Pressure Rate / Basınç Aralığı: PN 2,5

DIN 86 120

Size Range / Ölçü Aralığı: DN32-DN65(1 1/4" - 2 1/2")

DIN 259 / ISO / R 228



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	G-CuSn 5 Zn Pb
2	Cock	Klape	G-CuSn 5 Zn Pb
3	Bonnet	Kapak	G-CuSn 5 Zn Pb
4	O-Ring	O-Ring	NBR
5	Gasket	Conta	NBR
6	Dust & Cap	Kep	G-CuSn 5 Zn Pb
7	Handlever	Kol	GG-25
8	Nut	Somun	8,8
9	Test Valve	Test Valfi	CuSn 39 Pb 2 F37

Nominal Diameter / Anma Çapı	DN	32	40	50	65
Valve Dimensions / Vana Boyutları DIN 86 120 Threaded Dimensions DIN 259 / ISO R 228	L1	120	125	130	
	L2	135	140	145	
	H	85			
	Ød	1 1/4"	1 1/2"	2"	2 1/2"
	AA	55		70	85
Weight / Ağırlık	L	190			
	kg	3,5	4	4,5	5

SOUNDING COCKS PN 4 360° TURNING LEVER İSKANDİL VANASI PN 4 360° DÖNER KOLLU

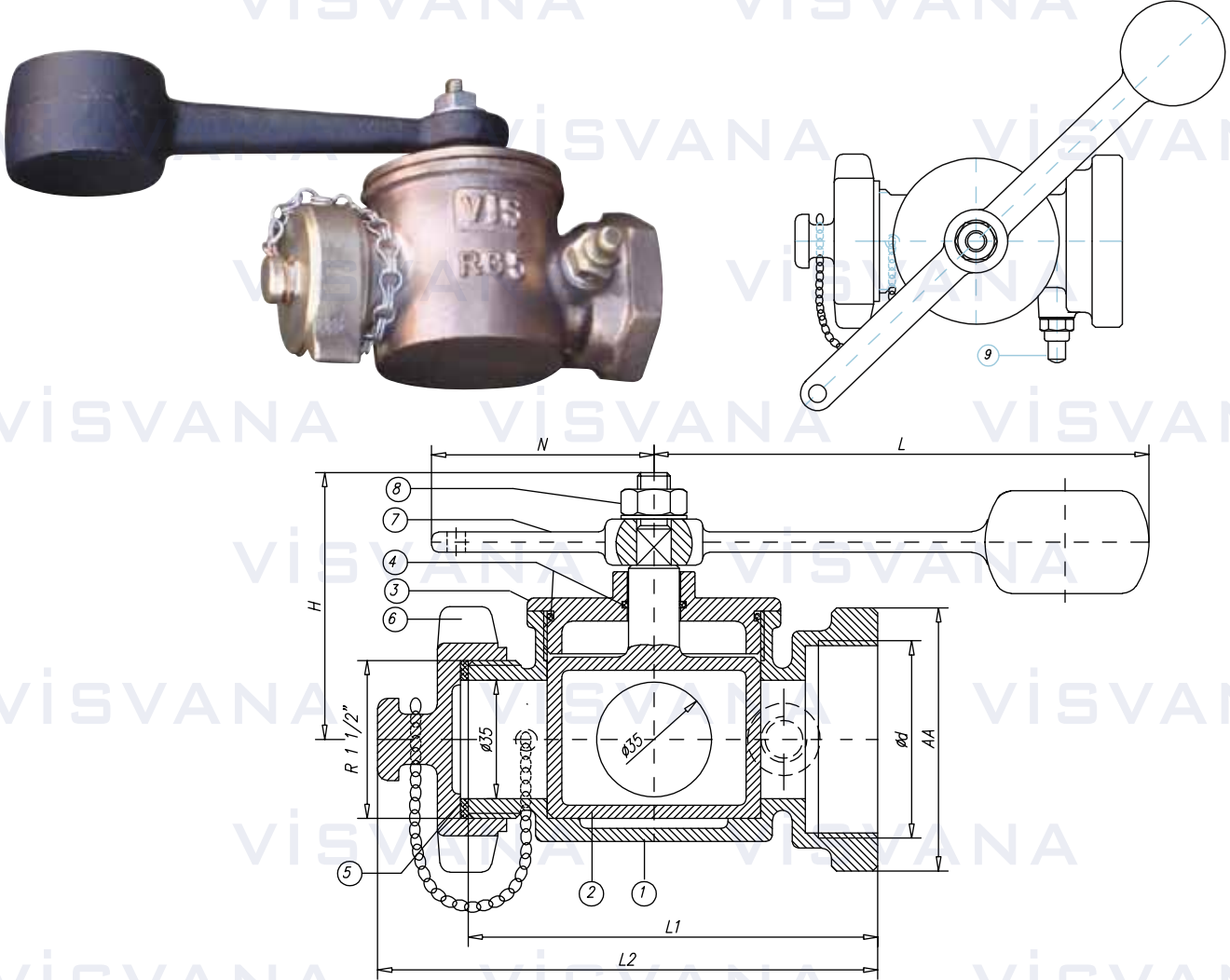
FULL BORE-THREADED
DÜZ GEÇİŞLİ-DİŞLİ

Pressure Rate / Basınç Aralığı: PN 2,5

DIN 86 120

Size Range / Ölçü Aralığı: DN32-DN65(1 1/4" - 2 1/2")

DIN 259 / ISO / R 228



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	Nominal Diameter / Anma Çapı	DN	32	40	50	65
1	Body	Gövde	CC491K(Rg-5 Bronze)	Valve Dimensions / Vana Boyutları DIN 86 120 Threaded Dimensions DIN 259 / ISO R 228	L1	120	125	130	
2	Cock	Klape	CC491K(Rg-5 Bronze)		L2	135	140	145	
3	Bonnet	Kapak	CC491K(Rg-5 Bronze)		H	85			
4	O-Ring	O-Ring	NBR		Ød	1 1/4"	1 1/2"	2"	2 1/2"
5	Gasket	Conta	NBR		AA	55		70	85
6	Dust & Cap	Kep	CC491K(Rg-5 Bronze)		L	180			
7	Handle lever	Kol	GG-25		N	95			
8	Nut	Somun	8,8	Weight / Ağırlık	kg	3,5	4	4,5	5
9	Test Valve	Test Valfi	CW453K(CuSn8)						

FIRE VALVE STRAIGHT TYPE (BRONZE)

DÜZ TİP YANGIN VANASI (BRONZ)

VDYB-16



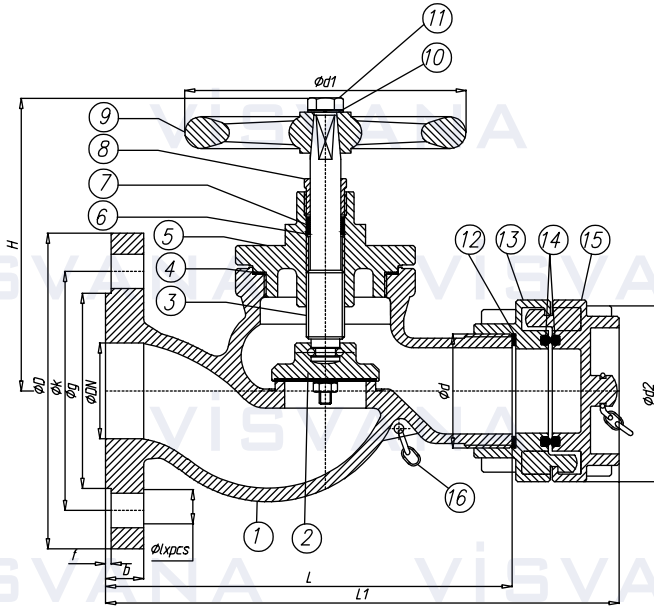
Pressure / Anma Basıncı: PN 16 / 150 lb

Size Range / Ölçü Aralığı: DN40-DN50-DN65

Dimensions / Ölçüler: DIN 86211

Flange Ends / Flanş: DIN 2501 / ASME B16.10

Options/ Opsiyon: ANSI, JIS Flange



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	G-CuSn5Zn5Pb5-C	9	Handwheel	Volan	GG-25
2	Disc	Klape	G-CuSn5Zn5Pb5-C	10	Washer	Rondela	Steel 5 Zn
3	Stem	Mil	CuZn39Pb3	11	Bolt	Civata	Steel 5 Zn
4	Gasket	Conta	Perbunan	12	Gasket	Conta	Perbunan
5	Bonnet	Kapak	G-CuSn5Zn5Pb5-C	13	Fixed Coupling	Sabit Kaplin	G-CuSn5Zn5Pb5-C
6	Wasaher	Rodela	CuZn39Pb3	14	O-Ring	O-Ring	Perbunan
7	Packing	Salmastra	Graphite / PTFE	15	Blind Coupling	Tapa Kaplin	G-CuSn5Zn5Pb5-C
8	Gland	Baskı	Steel 5 Zn	16	Chain	Zincir	Steel 5 Zn

<i>Nominal Diameter</i>	PN 16 / DIN EN 1092						<i>Valve Dimensions</i> Vana Boyutları	DIN 86211					<i>Weight</i> Ağırlık
Anma Çapı	ØD	Øk	Øg	Øxad	Øb	f	Ød	Ød2	L	L1	Ød1	H	kg
<i>DN 40</i>	127	98,6	73	Ø16x4	14	3	R11/2"	96	150	130	140	200	7
<i>DN 50</i>	152	120,7	92	Ø19x4	16		R2"	96	165	130		240	8,5
<i>DN 65</i>	178	139,7	105				R21/2"	124	200	185	160	265	14

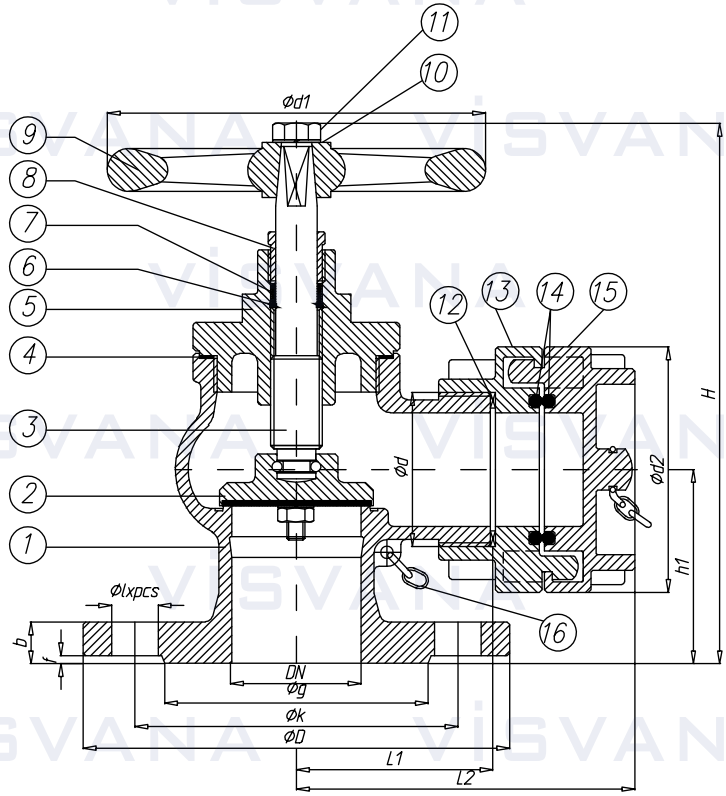
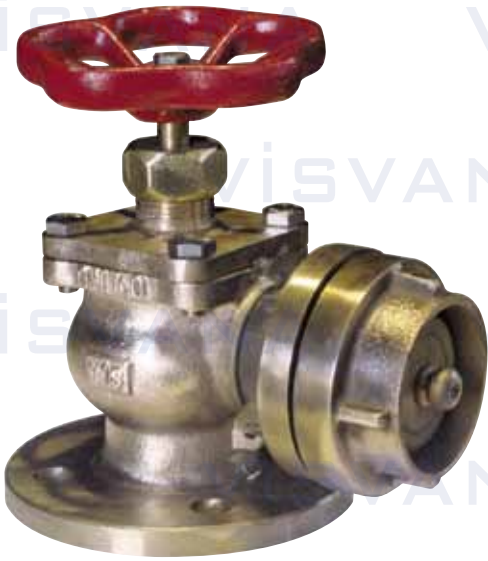
8

Pressure / Anma Basıncı: PN 10 -16

Size Range / Ölçü Aralığı: DN40-DN50-DN65

Dimensions / Ölçüler: DIN 86211

Flange Ends / Flanş: DIN EN 1092



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	G-CuSn5Zn5Pb5-C	9	Handwheel	Volan	GG-25
2	Disc	Klape	G-CuSn5Zn5Pb5-C	10	Washer	Rondela	Steel 5 Zn
3	Stem	Mil	CuZn39Pb3	11	Bolt	Civata	Steel 5 Zn
4	Gasket	Conta	Perbunan	12	Gasket	Conta	Perbunan
5	Bonnet	Kapak	G-CuSn5Zn5Pb5-C	13	Fixed Coupling	Sabit Kaplin	CuZn39Pb3
6	Washer	Rodela	CuZn39Pb3	14	O-Ring	O-Ring	Perbunan
7	Packing	Salmastra	Graphite + PTFE	15	Blind Coupling	Tapa Kaplin	CuZn39Pb3
8	Gland	Baskı	CuZn39Pb3	16	Chain	Zincir	Steel 5 Zn

Nominal Diameter Anma Çapı	PN 16 / DIN EN 1092						Valve Dimensions Vana Boyutları	DIN 86211						Weight Ağırlık
	ØD	Øk	Øg	Øxad	Øb	f	Ød	Ød2	h1	L1	L2	Ød1	H	kg
DN 40	150	110	88	Ø18x4	14	3	R11/2"	96	65	75	130	140	220	5,5
DN 50	165	125	102		R2"		96	75	75	130	230		7	
DN 65	185	145	122		R21/2"		124	90	95	185	160		265	11

ANGLE TYPE 30° OBLIQUE TYPE FIRE VALVE

KÖŞE TİP YANGIN HİDRANTI KÖŞE 30°

VKYO-16



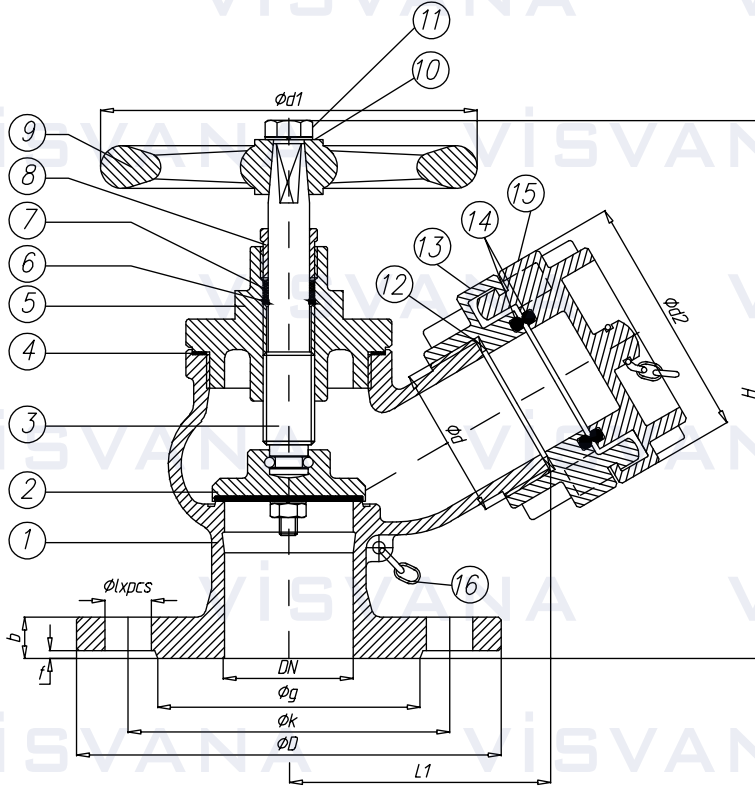
Pressure / Anma Basıncı: PN 10 -16

Size Range / Ölçü Aralığı: DN40-DN50-DN65

Dimensions / Ölçüler: DIN 86211

Flange Ends / Flanş: DIN EN 1092

Options / Opsiyon: ANSI, JIS Flanges



NO	PART NAME	PARÇAADI	MATERIAL / MALZEME	NO	PART NAME	PARÇAADI	MATERIAL / MALZEME
1	Body	Gövde	Rg-5/Rg-10/G-CuSn10	9	Handwheel	Volan	GG-25
2	Disc	Klape	Rg-5/Rg-10/G-CuSn10	10	Washer	Rondela	Steel 5 Zn
3	Stem	Mil	Ms-58/Ms-59	11	Bolt	Civata	Steel 5 Zn
4	Gasket	Conta	NBR	12	Gasket	Conta	NBR
5	Bonnet	Kapak	Rg-5/Rg-10/G-CuSn10	13	Fixed Coupling	Sabit Kaplin	Rg-5/Rg-10/G-CuSn10
6	Washer	Rodela	Ms-58	14	O-Ring	O-Ring	NBR
7	Packing	Salmastra	Graphite + PTFE	15	Blind Coupling	Tapa Kaplin	Rg-5/Rg-10/G-CuSn10
8	Gland	Baskı	Ms-58	16	Chain	Zincir	Steel 5 Zn

Nominal Diameter Anma Çapı	PN 16 / DIN EN 1092						Valve Dimensions Vana Boyutları		DIN 86211			Weight(kg) Ağırlık(kg)	
	ØD	Øk	Øg	Øxad	Øb	f	Ød	Ød2	L1	Ød1	H	Without Coupling	With Coupling
DN 40	150	110	88	Ø18x4	14	3	R11/2"	96	80	100	185	3,5	5,5
DN 50	165	125	102		16		R2"	96	90		195	4,5	7
DN 65	185	145	122				R21/2"	124	105		230	6,0	11

8

Pressure / Anma Basıncı: PN 10 -16

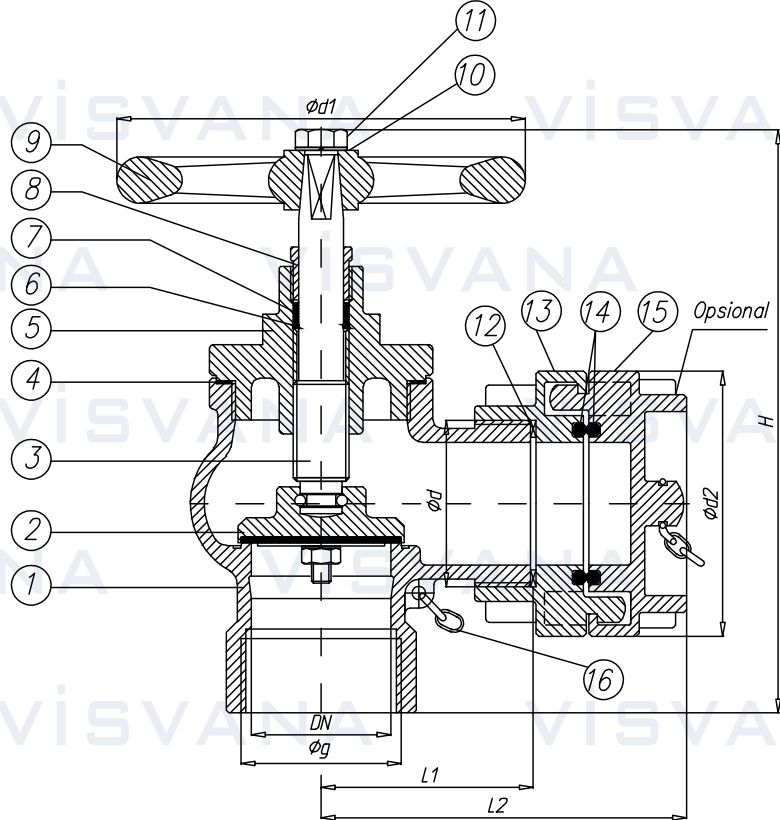
Size Range / Ölçü Aralığı: DN40-DN50-DN65

Dimensions / Ölçüler: DIN 86211

Flange Ends / Flanş: DIN EN 10226-1(Threaded)

BSB Female Inlet / BSB İç Dişli Giriş

BSB Male Outlet / BSB Dış Dişli Çıkış



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	Rg-5/Rg-10/G-CuSn10	9	Handwheel	Volan	GG-25
2	Disc	Klape	Rg-5/Rg-10/G-CuSn10	10	Washer	Rondela	Steel 5 Zn
3	Stem	Mil	Ms-58/Ms-59	11	Bolt	Civata	Steel 5 Zn
4	Gasket	Conta	NBR	12	Gasket	Conta	NBR
5	Bonnet	Kapak	Rg-5/Rg-10/G-CuSn10	13	Fixed Coupling	Sabit Kaplin	Rg-5/Rg-10/G-CuSn10
6	Wasaher	Rodela	Ms-58	14	O-Ring	O-Ring	NBR
7	Packing	Salmastra	Graphite + PTFE	15	Blind Coupling	Tapa Kaplin	Rg-5/Rg-10/G-CuSn10
8	Gland	Baskı	Ms-58	16	Chain	Zincir	Steel 5 Zn

Nominal Diameter Anma Çapı	Valve Dimensions / Vana Boyutları DIN 86211						Weight(kg) Ağırlık(kg)
	Ød&g	Ød2	L1	L2	Ød1	H	Without Coupling
DN 40	R 1 1/2"	96	70	125	100	205	2,5
DN 50	R 2"	96	75	130		215	3,0
DN 65	R 2 1/2"	124	85	175	120	255	3,5

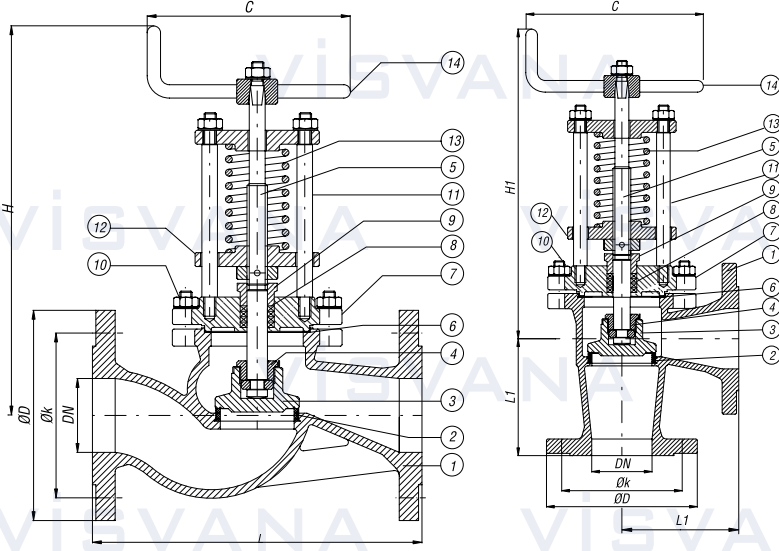
DISCHARGE (OVERBOARD) VALVE STRAIGHT FORM VDDV-16 ANGLE FORM VADV-16

DIŞ ŞARJ VANASI
DÜZ TİP VDDV-16
AÇILI TİP VADV-16

VDDV-16 VADV-16



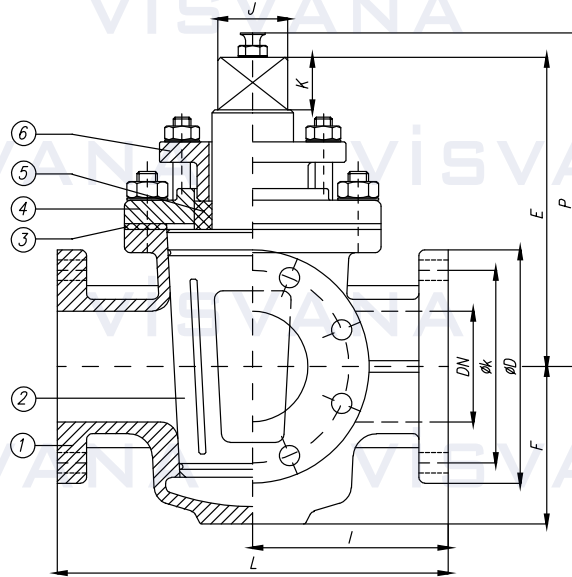
Pressure Rate / Basınç Aralığı: PN16
Size Range / Ölçü Aralığı: DN15-DN300
Flange Ends / Flanş: DIN 2533
Dimensions / Flanş: DIN 3356/2-F1(Straight/Düz)
DIN 3356/2-F32(Angle/Açılı)



NO	PART NAME	PARÇAADI	MATERIAL / MALZEME	NO	PART NAME	PARÇAADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 / GGG 40 / GS-C 25	8	Packing	Salmastra	Graphite
2	Seat Ring	Burç	1,4301 / Bronze	9	Gland	Salm. Baskısı	GG 25 / GGG 40 / GS-C 25
3	Disc	Klape	1,4301 / Bronze	10	Stud, Nut	Saplama Somun	5,6,8
4	Disc Nut	Baskı	Ms 58	11	Pilar	Destek	Automat Steel
5	Spindle	Mil	1,4021 / Cu Sn8	12	Bridge	Köprü	GG 25
6	Gasket	Conta	Klingerite / Asberit	13	Spring	Yay	AISI 301
7	Bonnet	Kapak	GG 25 / GGG 40 / GS-C 25	14	Handwheel	El Çarkı	GG 25

							PN 16				PN 40			
									Weight / Ağırlık (Kg)				Weight / Ağırlık (Kg)	
DN	L	L1	H	H1	Strok	ØC	ØD	Øk	Düz Straight	Açılı Angle	ØD	Øk	Düz Straight	Açılı Angle
15	130	90	340	310	8	120	95	65	6,75	6,50	95	65	8	7
20	150	95	345	325	8	120	105	75	7	6,75	105	75	8,5	7,5
25	160	100	350	320	12	140	115	85	8	7	115	85	9	8
32	180	105	355	323	15	140	140	100	10	9	140	100	9,5	10
40	200	115	365	335	20	160	150	110	14	10	150	110	16,5	12
50	230	125	375	340	20	160	165	125	16	14	165	125	18	15
65	290	145	480	450	27	180	185	145	20	18	185	145	22,5	22
80	310	155	500	465	31	200	200	160	32	30	200	160	36	33
100	350	175	525	480	35	225	220	180	41	39	235	190	44,5	42
125	400	200	620	515	49	250	250	210	60	53	270	220	66	65
150	480	225	760	685	53	300	285	240	90	70	300	250	115	95
200	600	275	810	745	72	400	340	295	145	110	375	320	175	170
250	730	325	860	775	80	520	405	355	245	125	450	385	275	155
300	850	375	880	790	100	520	460	410	380	200	515	450	410	250

Pressure Rate / Basınç Aralığı: PN 10-16
Size Range / Ölçü Aralığı: DN25-DN100
Flange Ends / Flans: DIN EN 1092
BS 4504 / ASA 125 / ASA 150



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 / GGG 40 / GSC 25 / SS 304 / SS 316 / Bronze Rg-5
2	Plug	Tapa	GG 25 / GGG 40 / GSC 25 / SS 304 / SS 316 / Bronze Rg-5
3	Gasket	Conta	EPDM / Klingerit
4	Bonnet	Kapak	GG 25 / GGG 40 / GSC 25 / SS 304 / SS 316 / Bronze Rg-5
5	Packing	Salmastra	PTFE + Graphite
6	Gland	Glend	GG 25 / GGG 40 / GSC 25 / SS 304 / SS 316 / Bronze Rg-5

Nominal Pressure / Basıncı		PN	PN 10 / PN 16						
Nominal Diameter / Anma Çapı		DN	25	32	40	50	65	80	100
Valve Dimensions / Vana Boyutları BS 1735		L	165	203	222	241	267	305	256
		I	130	150	175	190	210	265	310
		E	149	165	189	211	246	260	304
		F	57	65	76	95	114	143	175
		P	214	230	270	292	340	360	405
		J	27	32	38	41	48	51	
		K	27	32	38		51		
Flange Dimensions Flans Ölçüleri DIN EN 1092 ASA 125 / ASA 150 BS 4504		PN 10	D	115	140	150	165	185	200
		PN 16	k	85	100	110	125	145	160
		PN 40	D	115	140	150	165	185	200
		PN 16	k	85	100	110	125	145	160
		ASA 125	D	108	117	127	152,4	178	191
		ASA 150	k	79	89	98,5	120,7	139,7	152,4
Weight / Ağırlık		kg	6,5	10,5	12	20,5	28	36	66

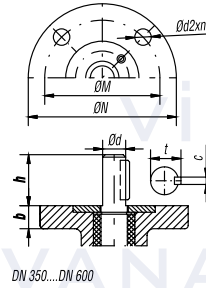
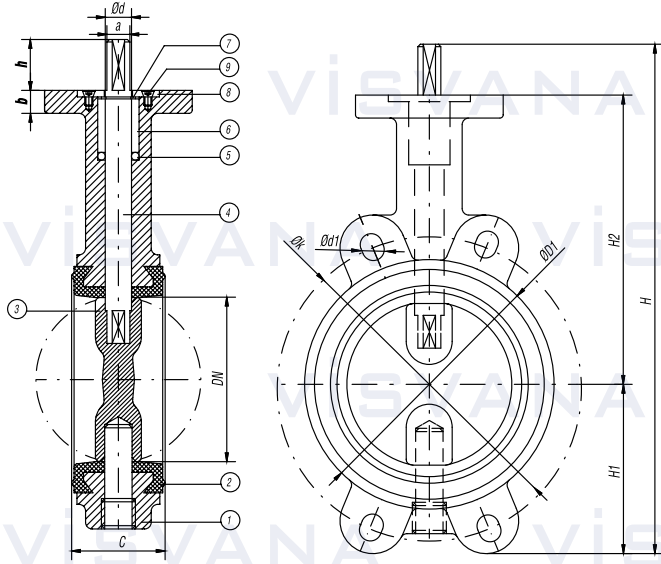
WAFER TYPE BUTTERFLY VALVE

WAFER TİP KELEBEK VANA

VWKV-10-16-25



Nominal Pressure / Anma Basıncı: PN10-16-25
DN 50 / DN 600
DIN 3337/K1
TS 11341



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 GGG 40/50 / GS-C 25 / AISI 304	6	Gland Bush	Baskı Burcu	PVC / PTFE
2	Gasket	Conta	EPDM / BUNA-N	7	Segment	Segman	St
3	Disc	Klape	GGG 40 / AISI 304 / AISI 316 / Bronze	8	Washer	Rondela	St-37
4	Stem	Mil	AISI 420 / AISI 316	9	Bolt	Civata	50 / S.S
5	O-Ring	O-Ring	EPDM / BUNA-N				

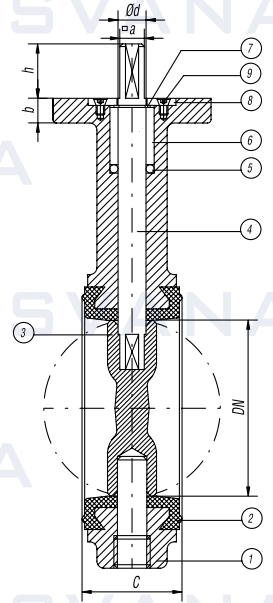
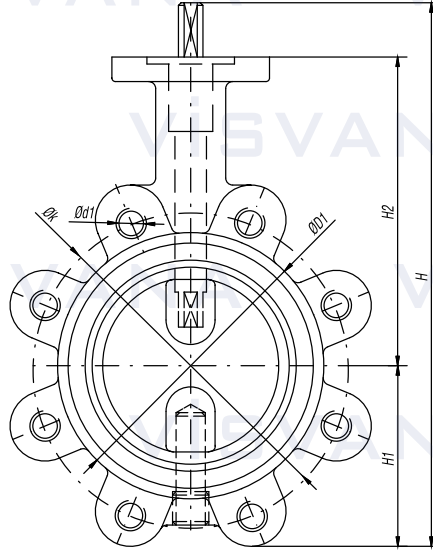
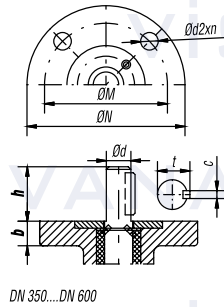
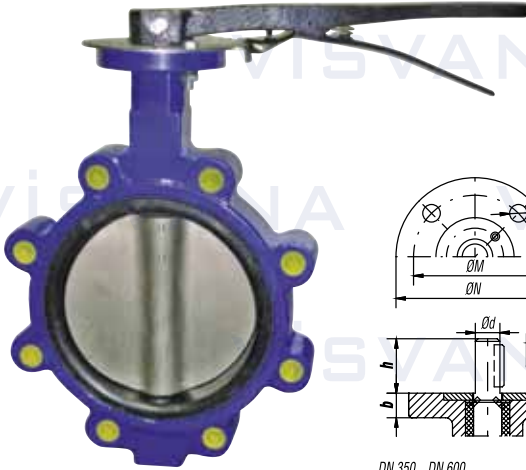
Nominal Diameter / Anma Çapı		DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
			2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
Valve Dimensions / Vana Boyutları TS 11341 DIN 3337/K1 ISO 5752/20-5	C		43	46	52	56	60	68	78	102	114	127	154			
	H1		67	74	96	110	122	136	160	201	237	267	302	325	362	422
	H2		140	152	159	177	190	203	241	273	311	350	375	400	450	510
	H	Kollu Redüktörlü	237	254	283	315	340	367	439	512	600					
Top Flange Dimensions / Üst Flanş Boyutları DIN3337 ISO 5211/1	ØD1		94	112	126	152	185	210	262	316	372					
	ØN				90				152			175			210	
	ØM				70				125			140			165	
	Ød2xAd.				Ø10x4				Ø14x4			Ø19x4			Ø23x8	
Stem Dimensions / Mil Boyutları DIN 3337 ISO 5211/1	b				12				15,5			20		23	25	
	Ød			Ø14		Ø16		20	22	28		42	48	52	58	68
	a			12		14		17	19	25						
	h				31				38			105			130	
Flange Dimensions / Flanş Boyutları TS 810 DIN 2501	t											45	51,5	56	62	72,5
	c											12	14	16	18	20
	Øk	PN 6	110	130	150	170	200	225	280	335	395					
	Ød1xAd.	PN 6	Ø14x4			Ø18x4			22x4							
Weight / Ağırlık	Øk	PN 10	125	145	160	180	210	240	295	350	400	460	515	565	620	725
	Ød1xAd.	PN 10			Ø18x4				23x4				Ø27x4		30x4	
	Øk	PN 16	125	145	160	180	210	240	295	355	410	470	525	585	650	770
	Ød1xAd.	PN 16			Ø18x4				Ø23x4		Ø27x4		Ø30x4		33x4	36x4
		kg	3,5	4,0	4,4	6,0	7,3	8,5	15,8	22,4	32,9	54	76	93	133	198

Nominal Pressure / Anma Basıncı: PN16

DN 50 / DN 600

DIN 3337/K1

TS 11341



NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 GGG 40/50 / GS-C25 / AISI 304	6	Gland Bush	Baskı Burcu	PVC / PTFE
2	Gasket	Gövde Yatağı	EPDM / BUNA-N	7	Segment	Segman	St
3	Disc	Klape	GGG 40 / AISI 316 / Bronze	8	Washer	Rondela	St-37
4	Stem	Mil	AISI 420 / AISI 316	9	Bolt	Civata	5D / S.S
5	O-Ring	O-Ring	EPDM / BUNA-N				

Nominal Diameter / Anma Çapı		DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
			2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
Valve Dimensions / Vana Boyutları TS 11341 DIN 3337/K1 ISO 5752/20-5	C		43	46	52	56	60	68	78	102	114	127	154			
	H1		67	74	96	110	122	136	160	201	237	267	302	325	362	422
	H2		140	152	159	177	190	203	241	273	311	350	375	400	450	510
	Kollu H		237	254	283	315	340	367	439	512	600					
	Redüktör		275	294	323	355	380	407	480	553	630	784	844	892	1008	1128
Top Flange Dimensions / Üst Flanş Boyutları DIN3337 ISO 5211/1	ØD1		94	112	126	152	185	210	262	316	372					
	ØN				90				152			175			210	
	ØM				70				125			140			165	
	Ød2xAd.				Ø10x4				Ø14x4			Ø19x4			Ø23x8	
Stem Dimensions / Mil Boyutları DIN 3337 ISO 5211/1	b				12				15,5			20		23	25	
	Ød			Ø14		Ø16			20	22	28	42	48	52	58	68
	a			12		14			17	19	25					
	h				31				38			105			130	
	t											45	51,5	56	62	72,5
Flange Dimensions / Flanş Boyutları TS 810 DIN 2501	c											12	14	16	18	20
	Øk	PN 6	110	130	150	170	200	225	280	335	395					
	Ød1xAd.	PN 6	M12x4	M16x4		M16x8		M16x12	M20x12							
	Øk	PN 10	125	145	160	180	210	240	295	350	400	460	515	565	620	725
	Ød1xAd.	PN 10	M16x4	M16x8		M20x8		M20x12	M20x12	M20x16	M24x16	24x20		M27x20		
Weight / Ağırlık	Øk	PN 16	125	145	160	180	210	240	295	355	410	470	525	585	650	770
	Ød1xAd.	PN 16	M16x4	M16x8		M20x8		M20x12	M24x12	M24x16	M27x16	M27x20	M30x20	M33x20		

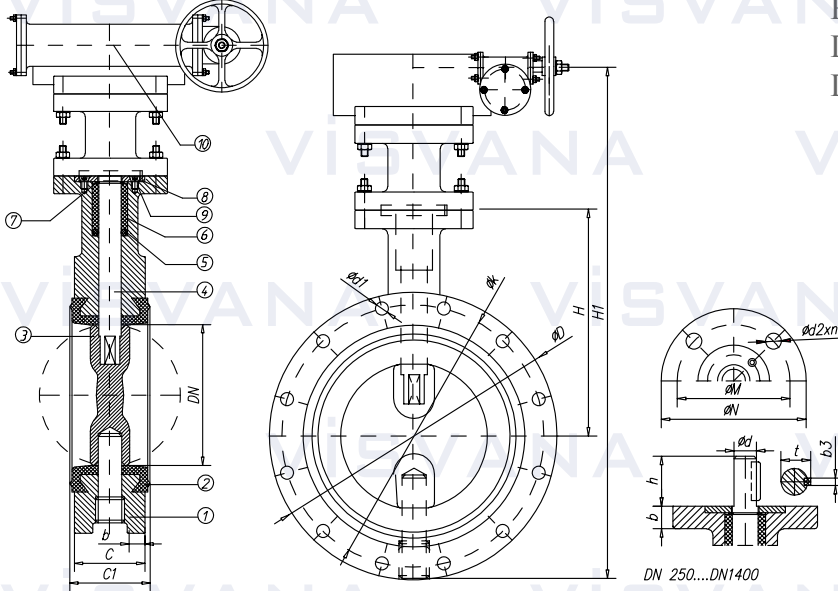
U-TYPE DOUBLE FLANGED BUTTERFLY VALVE

U-TİP ÇİFT FLANŞLI KELEBEK VANA

VWKF-16
VWKF-C150



Size Range / Ölçü Aralığı: DN 40 / DN 1400
Pressure Rate / Basınç Aralığı: PN 10/16/CLASS 150
Flange Ends / Flanş: DIN EN 1092
Dimensions / Boyutlar: DIN 3337/K1
DIN EN 558-1-20

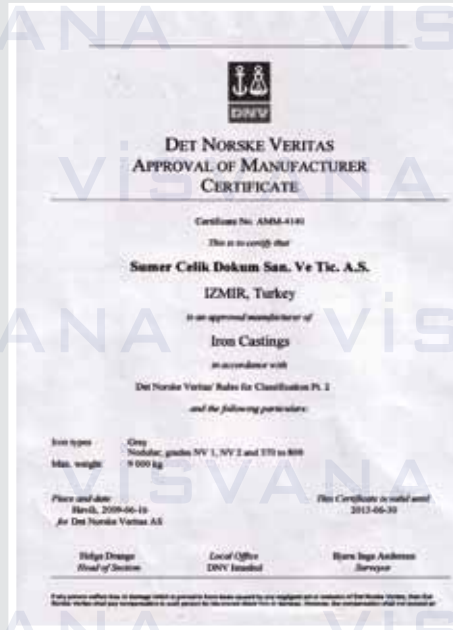


NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME	NO	PART NAME	PARÇA ADI	MATERIAL / MALZEME
1	Body	Gövde	GG 25 GG 40/50 / GS-C 25	6	Gland Bush	Baskı Burcu	PTFE / Bronze
2	Gasket	Gövde Yatağı	EPDM / NBR / VITON	7	Segment	Segman	St / SS
3	Disc	Klape	GG 40 / SS / Bronze	8	Washer	Rondela	St-37 / SS / Bronze
4	Stem	Mil	AISI 420 / AISI 316	9	Bolt	Civata	A2 / A4 / SS
5	O-Ring	O-Ring	EPDM / NBR / VITON	10	Gearbox	Dişli Kutusu	GG-40

Nominal Diameter Anma Çapı	DN	40 1 1/2"	50 2 1/2"	65 2"	80 3"	100 4"	125 5"	150 6"	200 8"	250 10"	300 12"	350 14"	400 16"	450 18"	500 20"	600 24"	700 28"	800 32"	900 36"	1000 40"	1100 41"	1200 48"	1300 52"	1400 56"	
Valve Dimensions Vana Boyutları DIN3337/K1 ISO 5752/20-5 DIN EN 558-1/20	C	33	43	46		52	56		60	68	78		102	114	127	154	165	190	203	216	254	254	280	280	
	C1	37	47	50		56	60		64	71	84		108	120	133	160	171	196	208	224	262	262	288	288	
	H	130	140	152	159	177	190	203	241	250	282	320	360	408	432	520	550	585	630	770	840	900	970	1025	
	H1	260	295	310	320	360	400	430	550	600	620	700	825	900	1000	1100	1150	1250	1350	1400	1500	1700	1800	1900	
	b	10	11	12		13		15		20			25		30	32	34		36	40		44			
Top Flange Dimensions Üst Flanş Boyutları DIN3337 ISO 5211/1	ØN	65				90				125				175			210			300		350		415	
	ØM	50				70				102				140			165			254		298		356	
	Ød2XAd	Ø7x4				Ø10x4				Ø12x4				Ø18x4			Ø22x4			Ø18x8		Ø22x8		Ø33x8	
	b1	10				12				16				22			26			32		35			
Stem Dimensions Mil Boyutları DIN3337 ISO 5211/1	Ød	Ø14x9				Ø16x11				Ø22		Ø28		Ø38		Ø45	Ø55	Ø60	Ø80		Ø90		Ø120		
	h	32								60				70			90			100		120		170	
	t									25		31		43		50,5	60,5	65,5	85,5		97,5		128,1		
	b3									8				12			14			20		32		40	
Flange Dimensions Flanş Boyutları DIN EN 1092-2 BS 4504 CLASS 150	PN 16	ØD	150	165	185	200	220	250	285	340	405	460	520	580	640	715	840	910	1025	1125	1255	1355	1485	1590	1685
		Øk	110	125	145	160	180	210	240	295	355	410	470	525	585	650	770	840	950	1050	1170	1280	1390	1490	1590
		Ød1XAd	18x4		18x8			22x8		22x12	26x12		26x16	30x16	30x20	33x20	36x20	36x24	39x24	39x28	42x28	42x32	49x32	49x32	49x36
	PN 10	ØD	150	165	185	200	235	270	300	340	395	445	505	565	615	670	780	895	1015	1115	1230	1340	1455	1575	1675
		Øk	110	125	145	160	190	220	250	295	350	400	450	515	565	620	725	840	950	1050	1160	1270	1380	1490	1590
		Ød1XAd	18 x 4			18 x 8			22 x 8		22 x 12		22x16	26x16	26 x 20		30x20	30x24	33x24	33x28	36x28	36x32	39x32	42x32	42x36
	Class 150	ØD	127	152,5	178	190,5	228,6	254	279,5	343	406,5	482,5	533,5	597	635	699	813	927	1060	1168	1289	1403	1511	1626	1746
		Øk	98,5	120,7	139,7	152,4	190,5	216	241,3	298,5	362	432	476,3	540	578	635	749,3	864	978	1086	1200	1314	1422	1537	1651
Ød1XAd		16x4	19x4		19x8			22x8			25x12		29x12	29x16	32x16	32x20	35x20	35x28	41x28	41x32	41x36	41x40	41x44	48x44	48x44
Weight / Ağırlık	kg	4	5	7	9	12	14	19	22	32	42	55	110	145	184	262	350	450	582	710	1150	1300	1550	1810	



CERTIFICATES / SERTİFİKALAR





CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS No. F4B068067X1	
This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.	
Description Type Manufacturer Place of manufacture Reference standards	Steel and Iron casting Carbon - Carbon Manganese - Alloy Steel and Iron Castings max. weight 1,500 kg VILKAR DOKUM SANAYI VE TICARET LTB.ŞTİ. 3. Organize Sanayi Bölgesi, 15. Sokak, No.11 Konya TÜRKİYE RINA Rules for the approval of manufacturers of materials

Issued in **Istanbul** on **November 24, 2008**. This Certificate is valid until **November 23, 2013**





The certificate consists of this page and 1 enclosure

 CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS NO. FARMHABEST	
This is to certify that the manufacturer of the product mentioned below is in compliance with the applicable requirements of the HISKA Policy for the Approval of Manufacturers of Materials.	
Description Type Application	Casting Stainless Steel casting for valves YILKAR BOKUM SANAYI VE TICARET LTD. STI. LODUNGAZE SANAYI BOLGESI, 15.000 AK, NO:11 KOVVA TURKEY YILKAR BOKUM SANAYI VE TICARET LTD. STI. LODUNGAZE SANAYI BOLGESI, 15.000 AK, NO:11 KOVVA TURKEY
Manufacturer Product manufacturer Reference number Reference document	

Issued to: **HISKA B3**, on **January 7, 2018**. This certificate valid until: **December 31, 2014**



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Türkoba Köyü, No.47

Büyüçekmece

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