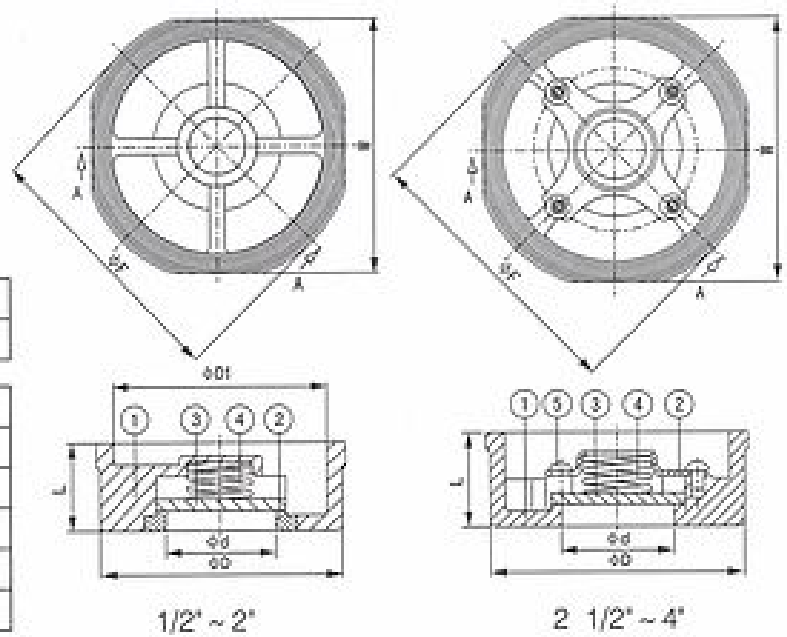


■ DISCO ÇEKVALF
■ DISCO VALVE



FEATURES

- The face to face conform to DIN 3202 part 3-K4
- Investment casting
- Max working temperature 400° F
- Pressure Rating PN 40



Applicable Standard		
Test and Inspection		API 598
ITEM	PARTS	MATERIAL
1	BODY	ASTM A351-CF8M/1,4408
2	RETAINER	AISI 316
3	DISC	AISI 316
4	SPRING	AISI 316
5	SCREW	AISI 316

DN	d	D	F	W	L
15	15	45	53	45	16
20	20	55	63	55	19
25	25	65	73	65	22
32	32	78	84	78	28
40	38	89	94	89	32
50	50	98	107	98	40
65	62	118	126	118	46
80	76.3	134	144	134	50
100	96	154	162	154	60

unit:mm

NPS	d	D	F	W	L
1/2"	0.59	1.77	2.09	1.77	0.63
3/4"	0.79	2.17	2.48	2.17	0.75
1"	0.98	2.56	2.87	2.56	0.87
1-1/4"	1.26	3.07	3.31	3.07	1.1
1-1/2"	1.5	3.5	3.7	3.5	1.26
2"	1.97	3.86	4.21	3.86	1.57
2-2/1"	3.23	4.65	4.96	4.65	1.81
3"	3.01	5.28	5.67	5.28	1.97
4"	3.78	6.06	6.38	6.06	2.36

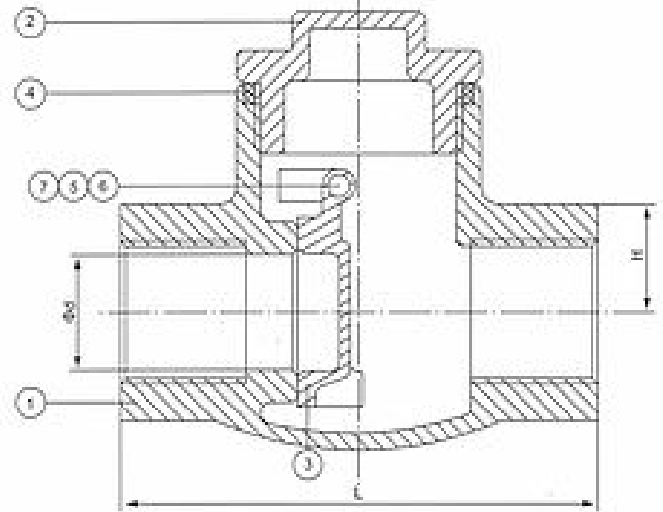
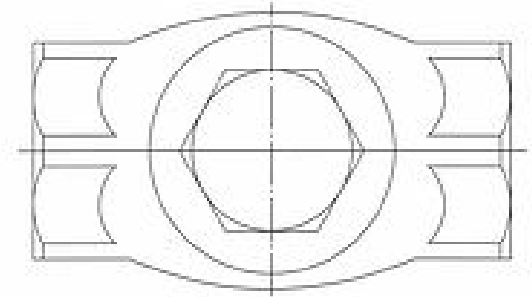
unit:in

■ DIŞLI ÇALPARA ÇEKVALF
■ GEAR SWING CHECK VALVE



FEATURES

- ☐ The thread ends conform to
ASME B1.20.1(NPT)
DIN 2999 & BS 21
ISO 228/1 & ISO 7/1
- ☐ Investment casting
- ☐ 200 W.O.G.
- ☐ Max working temperature 445° F
- ☐ Socket weld end(option)
- ☐ Y pattern (option)



Applicable Standard		
Test and Inspection		API 598
ITEM	PARTS	MATERIAL
1	BODY	ASTM A351-CF8M
2	CAP	
3	DISC	
4	GASKET	PTFE
5	PLUG SEAL	
6	PLUG	AISI 316
7	PIN	

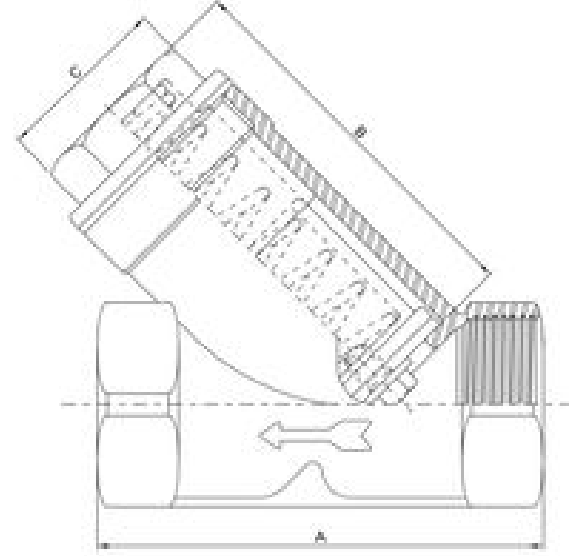
DN	d	L	H	Weight KG
15	15	66	45	0.3
20	20	81	54	0.5
25	25	91	60	0.8
32	32	106.5	72	1.2
40	40	121	75	1.5
50	50	142	82	2.5
65	60	159	90	3.8
80	80	190	104	5.9

unit:mm

NPS	d	L	H	Weight LB
1/2"	1.39	2.6	1.81	0.7
3/4"	0.79	3.19	2.13	1.1
1"	0.98	3.58	2.36	1.7
1 1/4"	1.26	4.19	2.83	2.5
1 1/2"	1.57	4.76	2.95	3.4
2"	1.97	5.59	3.23	5.6
2 1/2"	2.56	6.26	3.54	8.4
3"	3.15	7.48	4.09	13

unit:in

- 800 WOG DİŞLİ Y TİPİ ÇEK VALF
- 800 WOG THREADED Y TYPE CHECK VALVE



Ölçüler / Dimensions

Size		A	B	C	Cv Factor
inch	mm	mm	mm	mm	
1/4"	8	65	46.0	19	6.0
3/8"	10	65	46.0	19	12.0
1/2"	15	65	46.0	19	19
3/4"	20	80	58.0	23	37.0
1"	25	90	69.0	27	64.0
1 1/4"	32	105	75.0	32	103.0
1 1/2"	40	120	85.0	41	143.0
2"	50	140	98.0	50	360.0

Malzeme Listesi / Material Lists

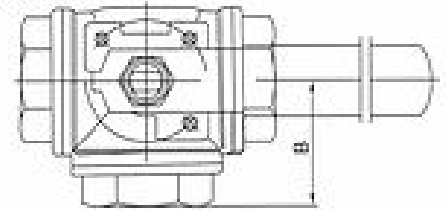
No	Parça Adı / Part Name	Malzeme / Material	Adet / Q'ty
1	GÖVDE / BODY	ASTM A351 Gr.CF8M	1
2	GİRİŞ-ÇIKIŞ / CAP	ASTM A351 Gr.CF8M	1
3	YAY / SPRING	ASTM A351 Gr.CF8M	1
4	DİSK / DISC	SS304	1
5	DİSK CONTASI / SEAT	TEFLON	4.-12
6	PUL / WASHER	TEFLON	4.-12
7	CİVATA / BOLT	SS304	1
8	SIZDIRMAZLIK CONTASI / GASKET	TEFLON	1

■ 3YOLLU. L-TİP DİŞLİ VANA
■ 3-WAY L- THREADED BALL VALVE



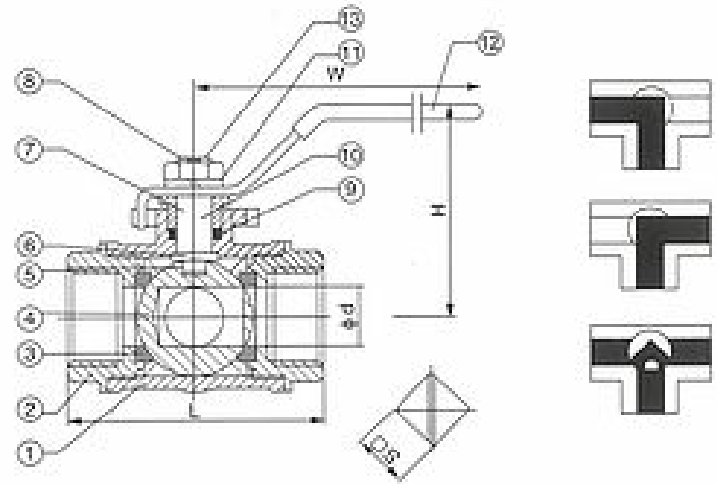
"L" type or "T" type

- ☐ Reduce bore
- ☐ Size:1/4"-2"
- ☐ Working pressure:1000PSI
- ☐ Threaded end:BSPT,NPT,ISO 228/1
- ☐ ISO 5211 top-mount pad
- ☐ Optional locked device handle
- ☐ Materials:CF8M(SS316),CF8(SS304)



MATERIAL LIST

NO.	PART NAME	MATERIAL
1	BODY	CF8M
2	CAP	CF8M
3	SEAT	PTFE
4	BALL	SS 316
5	SEAL RING	PTFE
6	STEM SEAL	PTFE
7	STEM	SS 316
8	ANTI-STATIC DEVICE	SS 304
9	STEM PACKING	PTFE
10	PACKING GLAND	SS 304
11	SPRING WASHER	SS 304
12	HANDLE	SS 304
13	STEM NUT	SS 304



DIMENSION LIST

SIZE	φd	L	H	W	B	ISO5211	□S
1/4"	4.2	64	32	85	32.0	F2	(7)
3/8"	6	64	32	95	32.0	F2	(7)
1/2"	10	68	34	108	34.0	F3	(9)
3/4"	15	78	60	115	39.0	F3	(9)
1"	20	86	60	135	43.0	F4	(9)
1-1/4"	25	111	76	150	55.5	F4	(11)
1-1/2"	32	126	85	175	63.0	F5	(11)
2"	40	143	95	190	71.5	F5	(11)

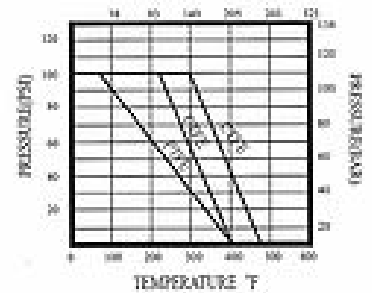
■ 3PAR.PN40 DIŞLI VANA
■ 3 PIECE THREADED BALL VALVE



FEATURES

- ☐ The thread ends conform to ASME B1.20.1(NPT) DIN 2999 & ISO 7/1
- ☐ Investment casting
- ☐ Blow-out proof stem
- ☐ Full Port
- ☐ 1000W.O.G./PN 63
- ☐ PTFE seal & packing
- ☐ Latch lock handle(option)

PRESSURE-TEMPERATURE RATING
TEMPERATURE °C

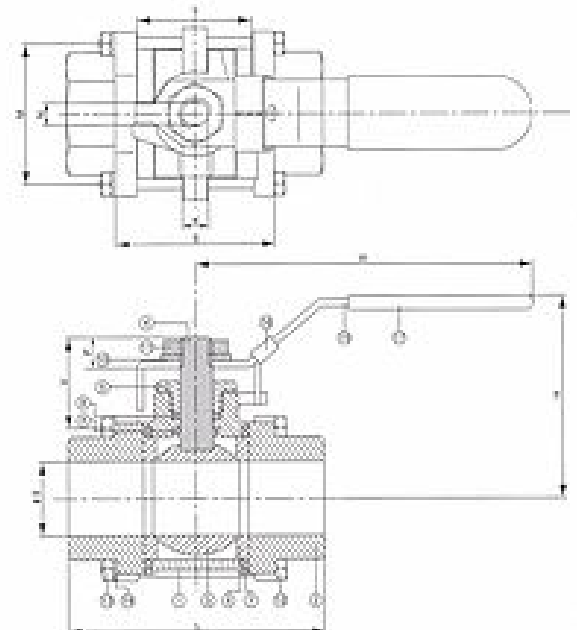


Applicable Standard	
Test and Inspection	API 598

ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF	ASTM A216-WCB
2	CAP	1.4408	1.0619
3	BALL	ASTM A351-CF8M/1.4408	
4	STEM	ASTM A276-316	
5	GLAND NUT	AISI 304	
6	BALL SEAT	PTFE/RTFE/CTFE	
7	BODY SEAL	PTFE	
8	PACKING		
9	THRUST WASHER	AISI 304	
10	SPRING WASHER		
11	STEM NUT	ASTM A194 GR.8	
12	BOLT	ASTM A193-B8	
13	BOLT NUT		
14	SPRING WASHER	AISI 304	
15	HANDLE	ASTM A167-304	
16	LATCH LOCK		
17	HANDLE SLEEVE	PVC	

*RTFE=15% GLASS FIBER+TFE

*CTFE=25% CARBON+TFE



PN63	DN	8	10	15	20	25	32	40	50	65	80	100
	d	11.6	12.7	15	20	25	32	38	50	65	80	100
	L	64.5	64.5	66	83.5	95	111.2	129.8	151	184	209	234.4
	H	54	54	57	66	76	81	98	106	138	154	178
	W	102	102	102	120.5	158.5	158.5	188	188	245	245	320
	S	35.5	35.5	38	43	54	65	75	88	114	132	158
	T	21.5	21.5	24	28	35	45	55	66	86	100	125
	M	29	29	33.2	37.5	42.4	50.9	59.4	73.4	96.5	81	102
	N	5	5	5	6.5	8	8	9	9	12	12	16
	V	29.7	29.7	30.1	36.5	40.6	41.8	48.5	49.4	72.1	65.6	76.2
	P	10.5	10.5	10.5	13.5	15.5	15.5	17.5	17.5	33	33	42
	K	5/16W	5/16W	5/16W	3/8W	7/16W	7/16W	1/2W	1/2W	3/4W	3/4W	1W

Unit:mm/kg

1000 WOG	DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
	d	0.46	0.5	0.59	0.79	0.98	1.26	1.5	1.97	2.56	3.15	3.94
	L	2.54	2.54	2.6	3.29	3.74	4.38	5.11	5.94	7.24	8.23	9.23
	H	2.13	2.13	2.24	2.6	2.99	3.19	3.86	4.17	5.43	6.06	7.01
	W	4.02	4.02	4.02	4.74	6.24	6.24	7.4	7.4	9.65	9.65	12.6
	S	1.4	1.4	1.5	1.69	2.13	2.56	2.95	3.46	4.49	5.2	6.22
	T	0.85	0.85	0.94	1.1	1.38	1.77	2.17	2.6	3.39	3.94	4.92
	M	1.14	1.14	1.31	1.48	1.67	2	2.34	2.89	3.8	3.19	4.02
	N	0.2	0.2	0.2	0.26	0.31	0.31	0.35	0.35	0.47	0.47	0.63
	V	1.17	1.17	1.19	1.44	1.6	1.65	1.91	1.94	2.84	2.58	3
	P	0.41	0.41	0.41	0.53	0.61	0.61	0.69	0.69	1.3	1.3	1.65
	K	5/16W	5/16W	5/16W	3/8W	7/16W	7/16W	1/2W	1/2W	3/4W	3/4W	1W

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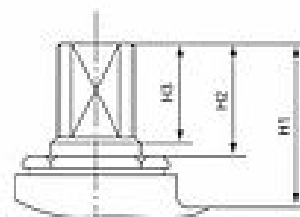
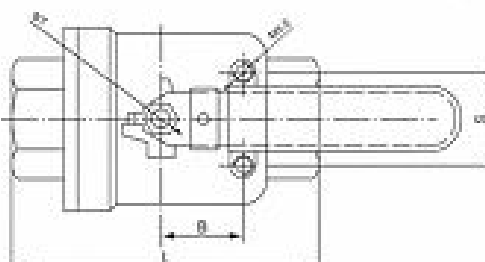
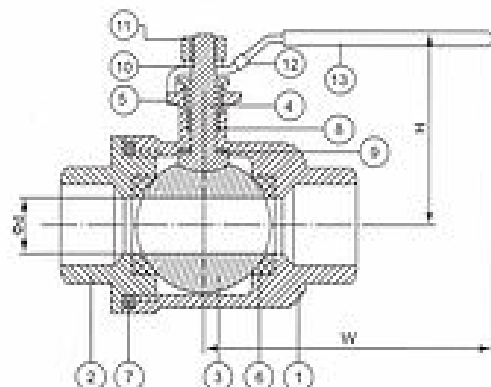
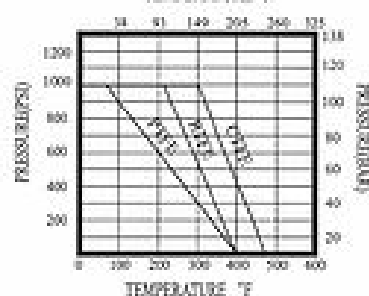
■ 2PAR.PN63 DIŞLI VANA
■ 2 PIECE THREADED BALL VALVE



FEATURES

- ☐ The thread ends conform to
ASME B1.20.1(NPT)
DIN 2999 & BS 21
ISO 228/1 & ISO 7/1
- ☐ Dimension conform to
DIN 3202/4-M3
- ☐ Investment casting
- ☐ Blow-out proof stem
- ☐ Full Port
- ☐ PTFE seal & packing
- ☐ Latch lock handle(option)
- ☐ Mounting pad Tapping(option)
- ☐ 1/4"-1" W.O.G.(option)
- ☐ 1-1/4"-2"1500W.O.G. (option)

PRESSURE-TEMPERATURE RATING
TEMPERATURE °C



Applicable Standard			
Test and Inspection		API 598	
ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351- CF8M	ASTM A216- WCB
2	CAP	1.4408	1.6619
3	BALL	ASTM A351-CF8M/1.4408	
4	STEM	ASTM A276-316	
5	GLAND NUT	AISI 304	
6	BALL SEAT	PTFE/RTFE	
7	BODY SEAL	PTFE	
8	PACKING		
9	THRUST WASHER		
10	SPRING WASHER	AISI 304	
11	NUT		
12	HANDLE		
13	HANDLE SLEEVE	PVC	

*RTFE=15% GLASS FIBER+TFE

PN63	DN	8	10	15	20	25	32	40	50	65	80	100
	d	11.6	12.7	15	20	25	32	38	50	65	80	100
	L	55	60	75	80	90	110	120	140	185	205	240
	H	50	50	50	60	70	80	90	90	145	145	175
	W	100	100	100	125	160	160	190	190	250	250	320
	S	28	28	28	35	35	38	38	38	55	55	61
	B	14	14	14	22	22	24	24	24	35	35	43
	T	7.8	7.8	7.8	9.4	10.8	10.8	12.5	12.5	18.2	18.2	24.8
	H1	25	25	25	31.5	36.5	36.5	42.5	42.5	58.5	58.5	45
	H2	11	11	11	16	18	18	20.5	18.5	32.5	32.5	37.5
	H3	10	10	10	13	15	15	17.5	17.5	30	30	32.5
	TORQUE N-M	4.07	4.07	4.41	5.88	7.35	8.82	13.23	16.17	44.1	46.55	

Unit:mm

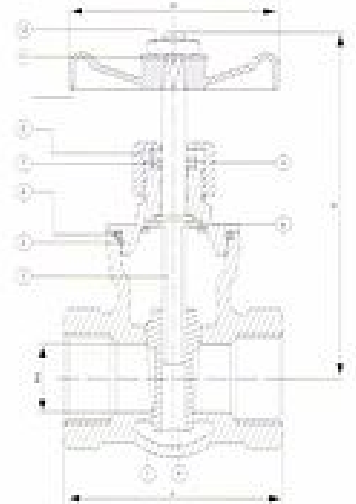
1000 WOG	NPS	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
	d	0.46	0.5	0.59	0.79	0.98	1.26	1.5	1.97	2.56	3.15	3.94
	L	2.17	2.36	2.95	3.15	3.54	4.33	4.72	5.51	7.28	8.07	9.45
	H	1.97	1.97	1.97	2.36	2.76	3.15	3.54	3.54	5.71	5.71	6.89
	W	3.94	3.94	3.94	4.92	6.3	6.3	7.48	7.48	9.84	9.84	12.6
	S	1.1	1.1	1.1	1.38	1.38	1.5	1.5	1.5	2.17	2.17	2.4
	B	0.55	0.55	0.55	0.87	0.87	0.94	0.94	0.94	1.38	1.38	1.89
	T	0.31	0.31	0.31	0.37	0.43	0.43	0.49	0.49	0.72	0.72	0.98
	H1	0.98	0.98	0.98	1.24	1.44	1.4	1.67	1.67	2.3	2.3	1.77
	H2	0.43	0.43	0.43	0.63	0.71	0.71	0.81	0.73	1.28	1.28	1.48
	H3	0.39	0.39	0.39	0.51	0.59	0.59	0.69	0.69	1.18	1.18	1.28
	TORQUE IN-LB	36.02	36.02	39	52	65	78	117	143	390	412	

■ **GLOB VANA (ŞİBER)**
■ **GATE VALVE**



FEATURES

- ☐ The thread ends conform to
ASME B1.20.1(NPT)
DIN 2999 & BS 21
ISO 228/1 & ISO 7/1
- ☐ 200 W.O.G
- ☐ Max working temperature 445° F
- ☐ Non-rising stem



Applicable Standard	
Test and Inspection	API 598

ITEM	PARTS	MATERIAL
1	BODY	ASTM A 351-CF8M 1.4408
2	BONNET	
3	STEM	AISI 316
4	DISC	ASTM A351-CF8M/1.4408
5	GLAND RING	AISI 316
6	GASKET	PTFE
7	PACKING	PTFE
8	SNAP RING	AISI 316
9	GLAND NUT	ASTM A351-CF8M/1.4408
10	HANDLE WHEEL	SS 400
11	NAME PLATE	ALUMINUM
12	NUT	SS1 304

DN	15	20	25	32	40	50	65	80
d	16.1	20.3	26	31.8	40	50.3	62	76
L	57	60.5	67	76	87	95	116	131
H	98	104	115	127	172	189	260	295
W	70	70	76.5	76.5	103.5	121	121	121

unit:mm

NPS	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
d	0.63	0.8	1.02	1.25	1.57	1.98	2.44	2.99
L	2.24	2.38	2.64	2.99	3.43	3.74	4.37	5.16
H	3.86	4.09	4.53	5	6.77	7.44	10.24	11.61
W	2.76	2.76	3.01	3.01	4.07	4.76	4.76	4.76

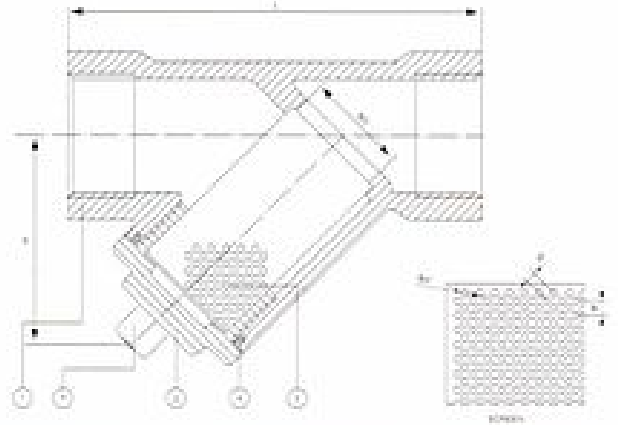
unit:in

■ **Y TİPİ PİSLİK TUTUCU**
■ **Y TYPE STRAINER**



FEATURES

- ☐ The thread ends conform to
ASME B1.20.1(NPT)
DIN 2999 & BS 21
ISO 228/1 & ISO 7/1
- ☐ Investment casting
- ☐ Max working temperature 445° F
- ☐ 600 W.O.G.
- ☐ 800 W.O.G.(Option)



Applicable Standard	
Test and Inspection	API 598

ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351- CF8M 1.4408	ASTM A276-316
2	CAP		
3	SCREEN	AISI 316	
4	GASKET	PTFE	
5	DRAIN PLUG	ASTM A351-CF8M/1.4408	

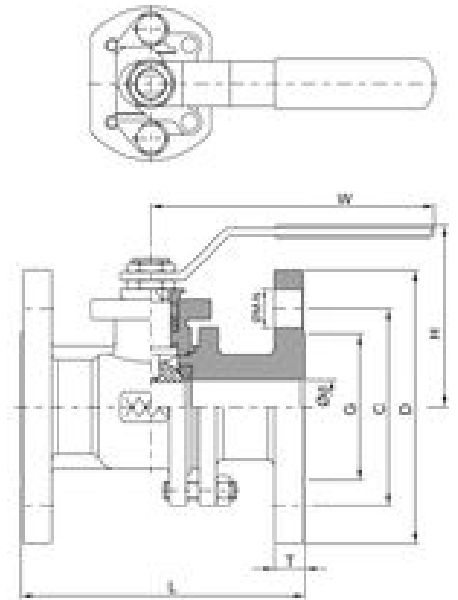
DN	L	H	D	d	W
8	57	35	10	1	2
10	57	35	10	1	2
15	60	38	15	1	2
20	69	42	20	1	2
25	85	50	25	1	2
32	99	55	32	1	2
40	111	59	38	1	2
50	137	73	51	1	2
65	172	91	65	1	2
80	205	110	80	1	2

unit:mm

NPS	L	H	D	d	W
1/4"	2.24	1.38	0.39	0.04	0.08
3/8"	2.24	1.38	0.39	0.04	0.08
1/2"	2.36	1.5	0.59	0.04	0.08
3/4"	2.72	1.65	0.79	0.04	0.08
1"	3.35	1.97	0.98	0.04	0.08
1 1/4"	3.9	2.17	1.26	0.04	0.08
1 1/2"	4.37	2.32	1.5	0.04	0.08
2"	5.39	1.87	2	0.04	0.08
2 1/2"	6.77	3.58	2.56	0.04	0.08
3"	8.07	4.33	3.15	0.04	0.08

unit:in

- 2 PAR. TAM GEÇİŞLİ PN 16 FLANŞLI KÜRESEL VANA
- 2 PCS. FULL PORT PN 16 FLANGES BALL VALVES



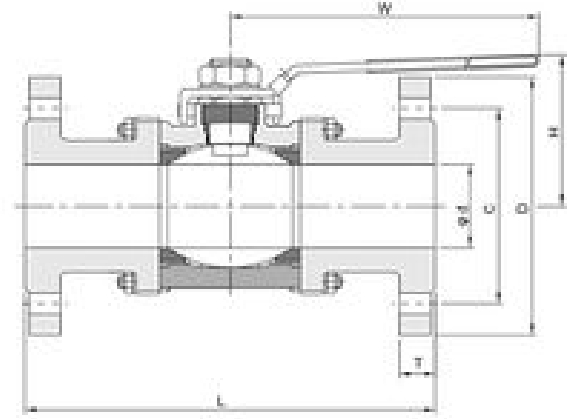
Ölçüler / Dimensions

Size		A	B	E	F	T	M-N		d	D	H1	Cv	Ağırlık / Weight
inch	mm	mm	mm	mm	mm	mm	mm		mm	mm	mm	Factor	Kg
1/2"	15	115	95	65	45	14	14	4	15	170	84	19	2.0
3/4"	20	120	105	75	58	16	14	4	20	170	84	37	2.7
1"	25	125	115	85	68	16	14	4	25	170	93	54	3.3
1 1/4"	32	130	140	100	78	16	18	4	32	170	102	103	4.9
1 1/2"	40	140	150	110	88	16	18	4	40	255	135	143	6.0
2"	50	150	165	125	102	18	18	4	50	255	145	360	8.7
2 1/2"	65	170	185	145	122	18	18	4	65	330	174	440	15.7
3"	80	180	200	160	138	20	18	8	80	330	188	520	14.7
4"	100	190	220	180	158	20	18	8	100	330	203	820	19.2
5"	125	325	250	210	188	22	18	8	125	700	247	1500	51.0
6"	150	350	285	240	212	22	22	8	150	700	261	1920	72.0
8"	200	400	340	295	268	24	22	12	200	1050	272	3800	121.0

Malzeme Listesi / Material Lists

Parça Adı / Part Name	Malzeme / Material	ADET/QTY
GÖVDE / BODY	DIN 1.4408	1
GİRİŞ-ÇIKIŞ / CAP	DIN 1.4408	1
KÜRE / BALL	DIN 1.4408	1
GÖVDE KASNAĞI / STEM	DIN 1.4401	1
VOLAN CONTASI / SEAT	PTFE+15% G/F	2
CONTA / GASKET	PTFE	1
SIKMA PULU / THRUST WASHER	PTFE	1
KASNAK CONTASI / PACKING	PTFE	1
RİNG	SS304	1
YÖN ÇUBUĞU / GLAND	DIN 1.4308	1
DURDURACU / STOPPER	SS304	1
SOMUN / NUT	DIN 1.4301	2
YÖN ÇUBUĞU SOMUNU / GLAND BOLT	DIN 1.4301	2
KOL / HANDLE	SS304	1
KOL KILIFI / HANDLE SLEEVE	VINLY GRIP	1
SAPLAMA CİVATASI / STUD BOLT	DIN 1.4301	4-12
SOMUN SETİ / SET NUT	DIN 1.4301	4-12

- 3 PAR. TAM GEÇİŞLİ PN 40 FLANŞLI KÜRESEL VANA
- 3 PCS. FULL PORT PN 40 FLANGES BALL VALVES



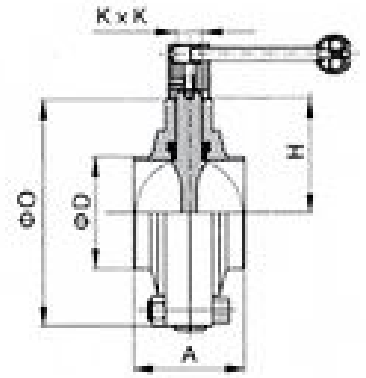
Ölçüler / Dimensions

Size		A	B	d	D1	L	H	t	Cv	Ağırlık / Weight
inch	mm	mm	mm	mm	mm	mm	mm	mm	Factor	Kg
1/2"	15	65	95	15.0	102	130	57.0	16	19	2.20
3/4"	20	75	105	20.0	126	150	67.1	18	37	3.03
1"	25	85	115	25.40	126	160	76.0	18	64	3.72
1 1/4"	32	100	140	32.0	156	180	91.1	18	103	5.89
1 1/2"	40	110	150	40.0	156	200	95.1	18	143	6.56
2"	50	125	165	50.8	186	230	105	20	360	8.98
2 1/2"	65	145	185	65.0	272	290	120.8	22	440	15.91
3"	80	160	200	80.0	272	310	127.4	24	520	21.60
4"	100	190	235	100.0	335	350	173.7	24	820	32.24

Malzeme Listesi / Material Lists

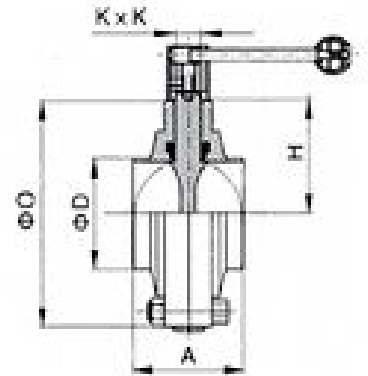
No	Parça Adı / Part Name	Malzeme / Material	Adet / Q'ty
1	GÖVDE / BODY	ASTM A351 GrCF8M	1
2	GİRİŞ-ÇIKIŞ / CAP	ASTM A351 GrCF8M	2
3	KÜRE / BALL	ASTM A351 GrCF8M	1
4	GÖVDE KAŞNAĞI / STEM	ASTMA276 Gr316	1
5	VOLAN CONTASI / SEAT	ME-PTFE	2
6	KAŞNAK CONTASI / PACKING	ME-PTFE	1
7	YÖN ÇUBUĞU / GLAND	SS304	1
8	CONTA / END SEALS	PTFE	2
9	SIKMA PULU / THRUST WASHER	PTFE	1
10	KOL / HANDLE	SS304	1
11	KOL SOMUNU / HANDLE NUT	SS304	1
12	ÜST PUL / SPRING WASHER	SS304	1
13	ÇİVATA / BOLTS	ASTM A193 GrB8	4-6
14	ÇİVATA SOMUNU / BOLT NUTS	ASTM A194 Gr8	4-6
15	ÇİVATA PULU / BOLT WASHERS	SS304	4-6
16	KOL KILIFI / HANDLE SLEEVE	VINLY GRIP	1
17	KİLİTLEME TABLASI / LOCKING PLATE	SS304	1

■ DIN 11850 KELEBEK VANA
■ DIN 11850 BUTTERLY VALVE



Ölçü/Size	O	D	KxK	A	H
DN15	78	18	8.0 x 8.0	50	39
DN20	78	22	8.0 x 8.0	50	39
DN25	78	28	8.0 x 8.0	50	39
DN32	86	34	8.0 x 8.0	50	43
DN40	95	40	8.0 x 8.0	50	45
DN50	108	52	10.0x10.0	52	53
DN65	125	70	10.0x10.0	56	62
DN80	140	85	11.0x11.0	60	69.5
DN100	160	104	11.0x11.0	64	79.5
DN125	190	129	11.0x11.0	80	92.5
DN150	220	154	11.0x11.0	90	107.5

■ ISO 2037 KELEBEK VANA
■ ISO 2037 BUTTERLY VALVE



Ölçü/Size	O	D	KxK	A	H
25	78	25.4	8.0 x 8.0	50	39
38	86	38.1	8.0 x 8.0	52	43
51	102	50.8	10.0x10.0	56	51
63.5	115	63.5	10.0x10.0	56	57.5
76	128	76.2	10.0x10.0	56	64
101.6	154	101.6	11.0x11.0	64	77