

V3300

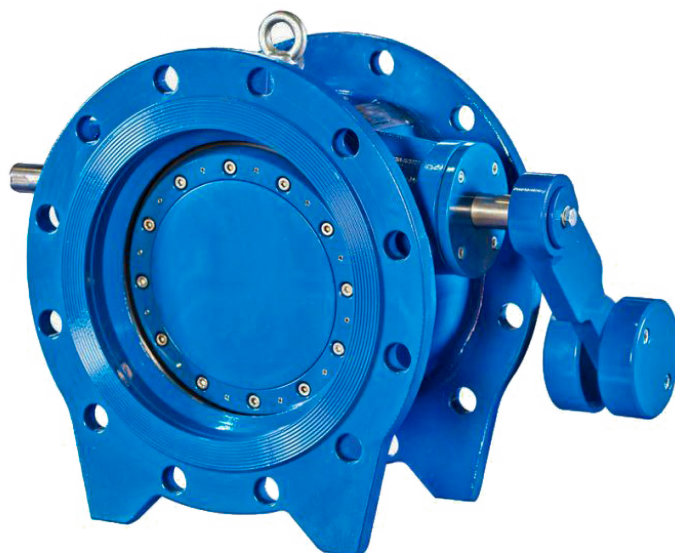
TILTING

CHECK VALVE

OMEAX

PRODUCT STANDARTS

Design	EN12334/EN16767
Connection	Flanged, EN1092-2/ISO7005-2
Face to face Dimensions	EN558 Series 14/DIN 3202 F4
Corrosion Protection	Powder Epoxy Coating
Testing	EN12266-1
Marking	EN19
Operation	Counter Lever and Weight, Hydraulic Damper



Product Description

VANNA V3300 is a double flanged and double eccentric valve used as a check valve that permits medium flow in only one direction and prevents reverse-flow. By the help of counter-lever and weight, the flow opens the valve in the desired direction softly, while back flow forces the valve to close in reduced times.

Product Features

- GGG40/50 Ductile iron body and disc ensures resistant to high tensile stress occurring in pipelines.
- Full tightness is ensured by EPDM disc sealing. NBR, Viton are optional. Disc sealing materials can be dismantled and replaced easily on field conditions.
- Inner and outer surface of the valve is powder epoxy coated for corrosion resistance.
- Pressure loss is at minimum level by double shaft design.
- SS308/316 grade stainless steel welding seat on the body is manufactured through automatic welding machines and microfinished precise milling operation. When disc is fully closed, disc sealing ring applies equal pressure on every point on the welding seat.
- The open/close speed can be adjusted by modifying the counter lever length and weight. For adjustable shut off speed, hydraulic damper type (optional) is advised.
- Shafts are equipped with bronze bushings ensures high corrosion resistance.
- For proper installation, direction arrow on the body should be considered.
- All interior parts are appropriate for hygienic requirements.
- Lifting lugs and feet ease the balance during transportation and installation.
- Hydrostatic test is according to EN12266, for seat : PN x 1.1, for body: PN x 1.5

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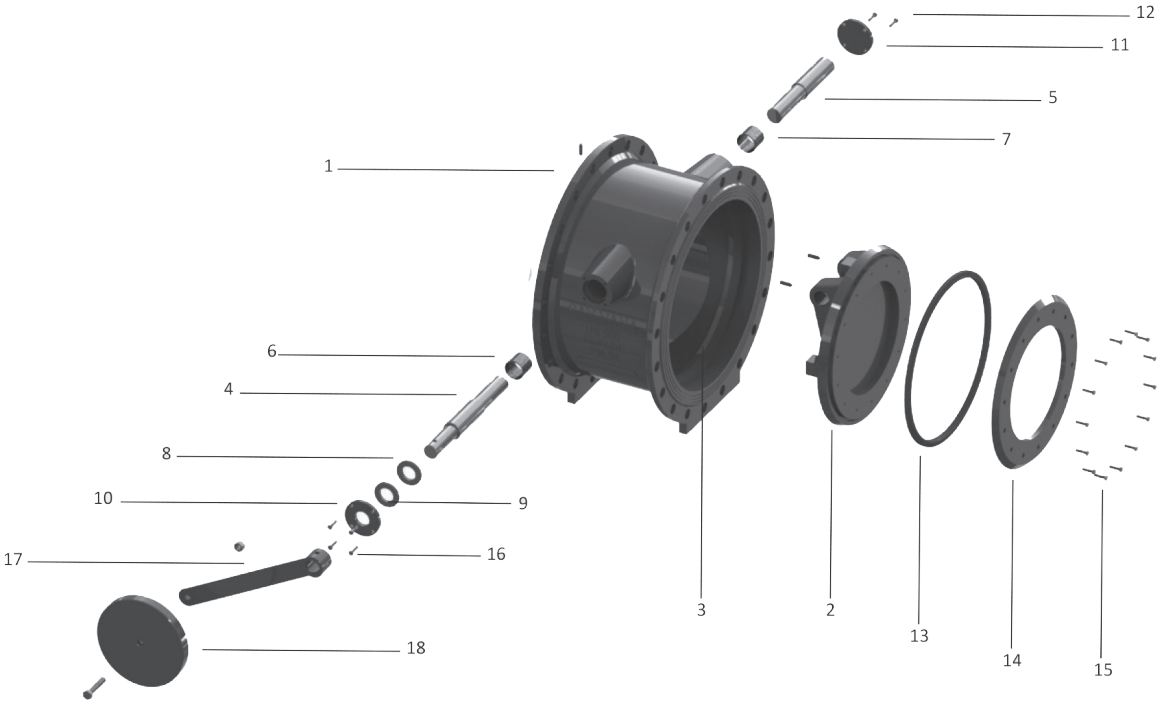
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Material List



NO	Part Name	Material
1	Body	GGG40/50 Ductile Iron
2	Disc	GGG40/50 Ductile Iron
3	Seat	SS308/SS316
4	Long Shaft	AISI 420/304/316
5	Short Shaft	AISI 420/304/316
6	Bushing	Bronze
7	Bushing	Bronze
8	O-ring	EPDM
9	O-ring for Shaft	EPDM
10	Upper Shaft Cover	GGG40/GGG50/ST37 Steel
11	Shaft Cover	GGG40/GGG50/ST37 Steel
12	Bolts	ST37 Steel
13	Sealing Gasket	EPDM
14	Retaining Ring	GGG40/GGG50/ST37/SS304/SS316
15	Retaining Ring Bolts	SS304/SS316
16	Bolts	A2(SS304)/A4(SS316)
17	Counter Lever (Optional)	GGG40/50
18	Counter Weight(Optional)	GGG40/50/ST37 Steel

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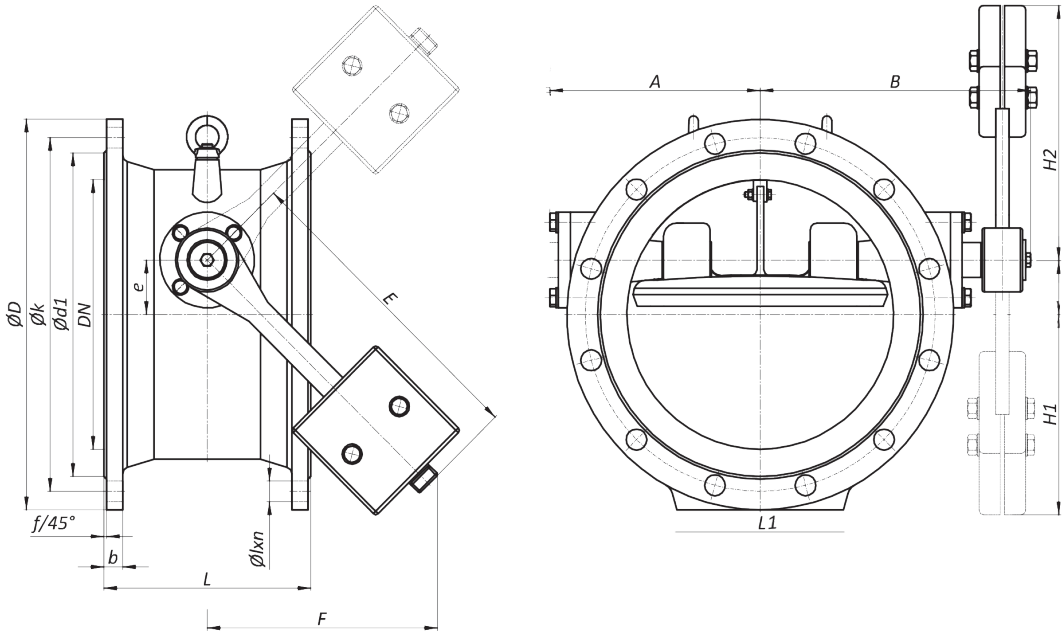
V3300

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Technical Drawing & Dimensions



Dimension Table for PN10												
DN	L	f	D	k	d1	b	lxn	E	B	A	H1	H2
100	190	3	220	180	156	19	19x8	205	157	95	120	190
125	200	3	250	210	184	19	19x8	205	285	130	125	190
150	210	3	285	240	211	19	23x8	205	285	151	170	190
200	230	3	340	295	266	20	23x8	205	286	180	220	190
250	250	3	405	350	319	22	23x12	325	312	206	260	285
300	270	4	460	400	370	24.5	23x12	325	343	235	315	285
350	290	4	505	460	429	24.5	23x16	325	365	263	357	372
400	310	4	565	515	480	24.5	28x16	325	386	285	400	372
450	330	4	615	565	530	25.5	28x20	325	420	310	442	418
500	350	4	670	620	582	28.5	28x20	500	485	370	470	465
600	390	5	780	725	682	30	31x20	500	640	427	580	555
700	430	5	895	840	794	32.5	31x24	500	750	520	640	653
800	470	5	1015	950	901	35	34x24	600	790	571	723	743
900	510	5	1115	1050	1001	37.5	34x28	600	850	640	797	830
1000	550	5	1230	1160	1112	40	37x28	600	920	723	887	935
1200	630	5	1380	1380	1328	45	41x32	800	1005	798	-	-
1400	710	5	1675	1590	1530	46	44x36	800	1050	970	-	-
1600	790	5	1915	1820	1750	49	50x40	-	-	-	-	-
1800	870	5	2115	2020	1950	52	50x44	-	-	-	-	-

V3000 SERIES

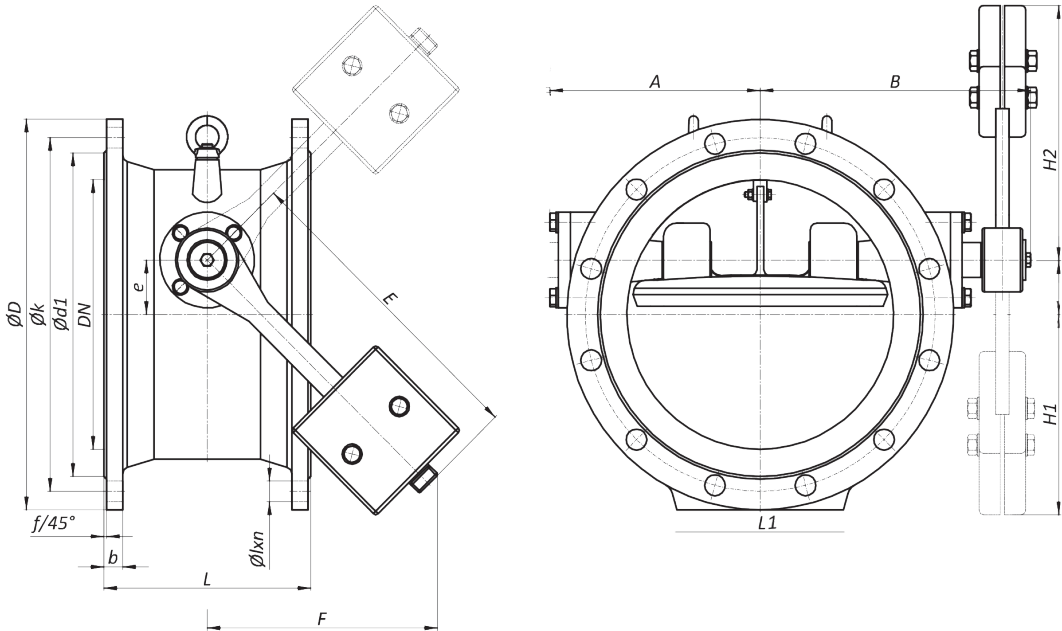
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Technical Drawing & Dimensions



Dimension Table for PN16												
DN	L	f	D	k	d1	b	lxn	E	B	A	H1	H2
100	190	3	220	180	156	19	19x8	205	157	95	120	190
125	200	3	250	210	184	19	19x8	205	285	130	125	190
150	210	3	285	240	211	19	23x8	205	285	151	170	190
200	230	3	340	295	266	20	23x12	205	286	180	220	190
250	250	3	405	355	319	22	28x12	325	312	206	260	285
300	270	4	460	410	370	24.5	28x12	325	343	235	315	285
350	290	4	520	470	429	26.5	28x16	325	365	263	357	372
400	310	4	580	525	480	28	31x16	325	386	285	400	372
450	330	4	640	585	548	30	31x20	325	420	310	442	418
500	350	4	715	650	609	31.5	34x20	500	485	370	470	465
600	390	5	840	770	720	36	37x20	500	640	427	580	555
700	430	5	910	840	794	39.5	37x24	500	750	520	640	653
800	470	5	1025	950	901	43	41x24	600	790	571	723	743
900	510	5	1125	1050	1001	46.5	41x28	600	850	640	797	830
1000	550	5	1255	1170	1112	50	44x28	600	920	723	887	935
1200	630	5	1485	1390	1328	57	50x32	800	1005	798	-	-
1400	710	5	1685	1685	1530	60	50x36	800	1050	970	-	-
1600	790	5	1930	1930	1750	65	57x40	-	-	-	-	-
1800	870	5	2130	2130	1950	70	57x44	-	-	-	-	-

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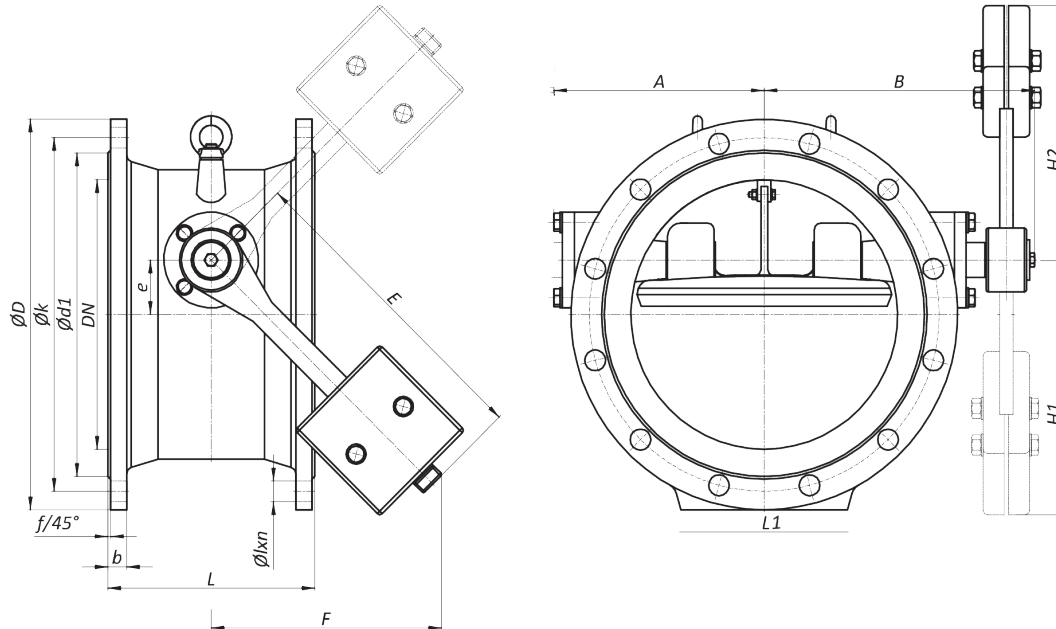
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Technical Drawing & Dimensions



Dimension Table for PN25

DN	L	f	D	k	d1	b	l _{xn}	E	B	A	H1	H2
100	190	3	235	190	156	19	23x8	205	157	95	120	190
125	200	3	270	220	184	19	28x8	205	285	130	125	190
150	210	3	300	250	211	20	28x8	205	285	151	170	190
200	230	3	380	310	274	22	28x12	205	286	180	220	190
250	250	3	425	370	330	24.5	28x16	325	312	206	260	285
300	270	4	485	430	389	27.5	31x16	325	343	235	315	285
350	290	4	555	490	448	30	34x16	325	365	263	357	372
400	310	4	620	550	503	32	37x16	325	386	285	400	372
450	330	4	670	600	548	34.5	37x20	325	420	310	442	418
500	350	4	730	620	609	36.5	37x20	500	485	370	470	465
600	390	5	845	770	720	42	41x20	500	640	427	580	555
700	430	5	960	875	829	46.5	44x24	500	750	520	640	653
800	470	5	1085	990	928	51	50x24	600	790	571	723	743
900	510	5	1165	1090	1028	55.5	50x28	600	850	640	797	830
1000	550	5	1320	1210	1140	60	57x28	600	920	723	887	935
1200	630	5	1530	1420	1350	69	57x32	800	1005	798	-	-
1400	710	5	1755	1640	1560	74	62x36	800	1050	970	-	-
1600	790	5	1975	1860	1780	81	62x40	-	-	-	-	-
1800	870	5	2195	2070	1985	88	70x44	-	-	-	-	-

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