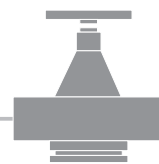


• www.turhanvana.com

• www.ntvana.com





About Us

Our company with the title of “Turhan Vana (Turhan Valve)”, started its production and marketing activities in valve sector in 2009, stepped into the manufacturing sector with the understanding of quality service developed on the basis of knowledge and experience, through consideration of market conditions and technological developments.

As a result of its R&D activities, primarily, it started the production of 'ELASTOMER SLIDE VALVE' with the brand of "NT VANA", by taking it into its valve production program, which have important using areas in the sector. Turhan Valve has aimed to increase its quality and product variety through showing continuous improvement since its establishment. It started to manufacture products such as irrigation hydrants, suction cups, fire hydrant, irrigation receiver, strainer, disassembly, check valve in line with the demand of the target market.

Our basic principle is to continue our business in the light of the ISO 9001 quality system which we have established. We take care to work with experienced and qualified personnel in order to ensure the continuation and development of the Total Quality System which we have created and to keep customer satisfaction at the maximum level.

All of our **NT VANA** branded products are produced in accordance with the standards after application of the necessary tests and controls. It is offered to our customers throughout Turkey.

Our aim is to provide world class products to our valued customers by following the ever-evolving technology.

Our Mission,

To become a world brand in valve production without compromising ethical principles through following scientific and technological developments with its distinguished staff without, being customer and employee satisfaction oriented, making a difference between international quality standards service approach and pioneering practices in the sector.

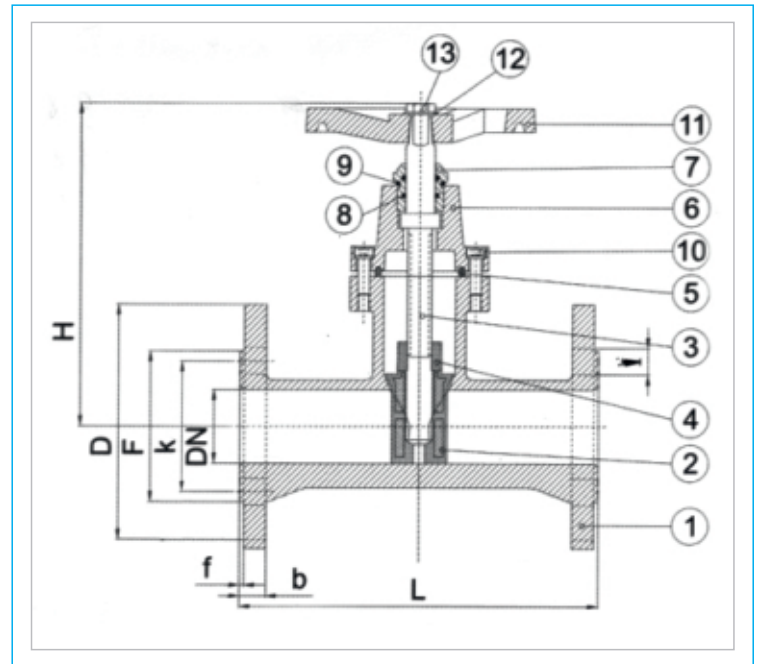
Our vision,

To produce excellence-oriented and reliable, quality products.





F5 ELASTOMER SLIDE VALVE



PARTS OF F5 ELASTOMER SLIDE VALVE

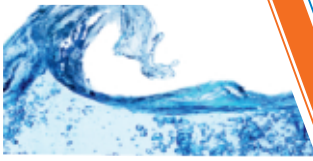
No	Part Name	Material
1	Body	GGG40
2	Slide	GGG40+EPDM
3	Pin	X 20 CR 13
4	Motion Nut	MS58
5	Cover Gasket	EPDM
6	Cover	GGG40
7	Pin Manhole	GGG40
8	Manhole O-ring	EPDM
9	Cover O-ring	EPDM
10	Cover Connection Bolt	Galvanized Allen Head
11	Flywheel	GGG40
12	Flywheel Washer	SHEET
13	Flywheel Bolt	8.8 Galvanized

DIMENSIONS CHART OF F5 ELASTOMER SLIDE VALVE

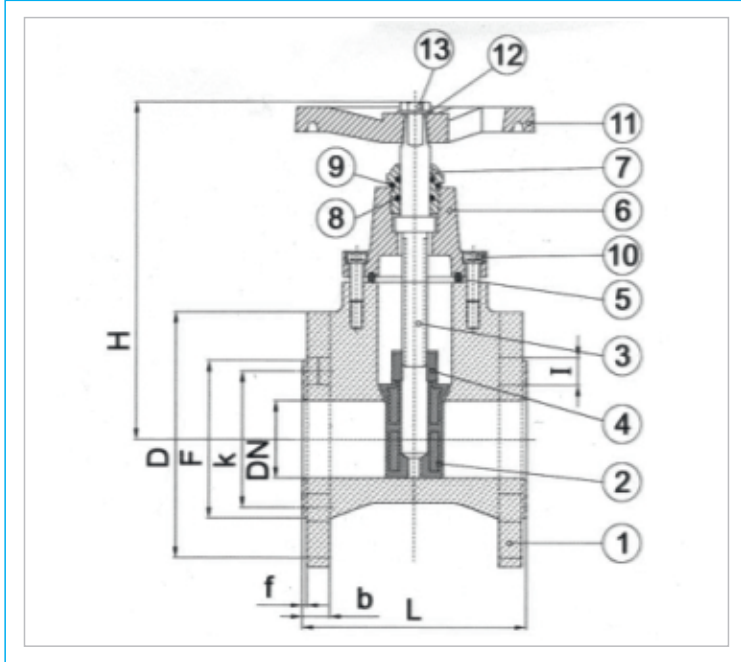
(DN) Nominal Diameter (mm)	D (mm)	k (mm)	F (mm)	f (mm)	b (mm)	Number & Diameter of Hole	L (mm)	H (mm)
Q50 (PN10-16)	165	125	102	3	18	Q 18 x 4 Pcs	250	260
Q65 (PN10-16)	185	145	122	3	18	Q 18 x 4 Pcs	270	290
Q80 (PN10-16)	200	160	138	3	20	Q 18 x 4 Pcs	280	305
Q100 (PN10-16)	220	180	158	3	20	Q 18 x 4 Pcs	300	240
Q125 (PN10-16)	250	210	188	3	22	Q 18 x 4 Pcs	325	420
Q150 (PN10-16)	285	240	212	3	22	Q 22 x 8 Pcs	350	440
Q200 (PN10)	340	295	268	3	24	Q 22 x 8 Pcs	400	520
Q200 (PN16)	340	295	268	3	24	Q 22 x 12 Pcs	400	520
Q250 (PN10)	395	350	320	3	26	Q 22 x 12 Pcs	450	620
Q200 (PN16)	405	355	320	3	26	Q 26 x 12 Pcs	450	620
Q300 (PN 10)	445	400	370	3	28	Q 22 x 12 Pcs	500	660

GENERAL INFORMATION

These are the valves having a curtain-like closure by means of a slide and are used to stop the fluid in the pipe through connection to the pipelines. Thanks to the screw shaft mounted inside the body, the valve is opened and closed by moving the slider up and down. Sealing is provided by the gasket covered on the slide.



F4 ELASTOMER SLIDE VALVE



PARTS OF F4 ELASTOMER SLIDE VALVE

No	Part Name	Material
1	Body	GGG40
2	Slide	GGG40+EPDM
3	Pin	X 20 CR 13
4	Motion Nut	MS58
5	Cover Gasket	EPDM
6	Cover	GGG40
7	Pin Manhole	GGG40
8	Manhole O-ring	EPDM
9	Cover O-ring	EPDM
10	Cover Connection Bolt	Galvanized Allen Head
11	Flywheel	GGG40
12	Flywheel Washer	SHEET
13	Flywheel Bolt	8.8 Galvanized

DIMENSIONS CHART OF F4 ELASTOMER SLIDE VALVE

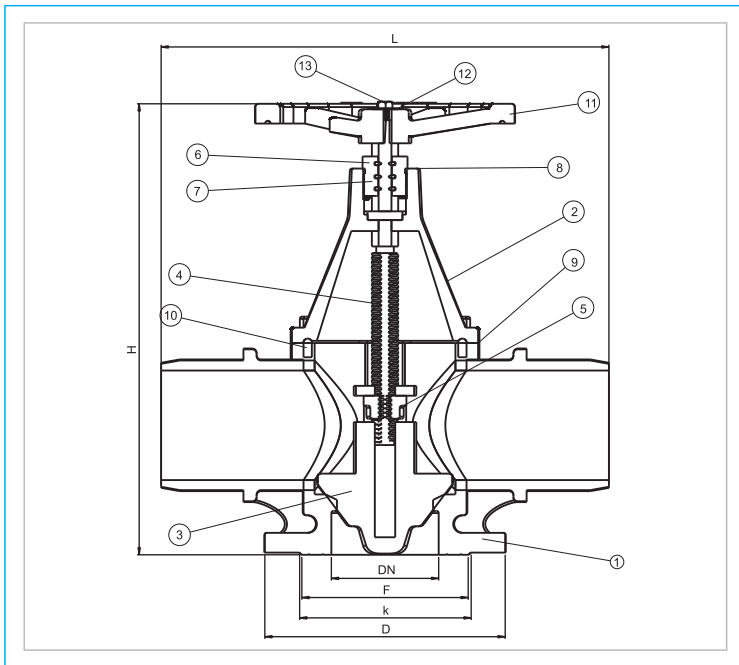
(DN) Nominal Diameter (mm)	D (mm)	k (mm)	F (mm)	f (mm)	b (mm)	Number & Diameter of Hole	L (mm)	H (mm)
Q50 (PN10-16)	165	125	102	3	18	Q 18 x 4 Pcs	150	260
Q65 (PN10-16)	185	145	122	3	18	Q 18 x 4 Pcs	170	290
Q80 (PN10-16)	200	160	138	3	20	Q 18 x 8 Pcs	180	305
Q100 (PN10-16)	220	180	158	3	20	Q 18 x 8 Pcs	190	370
Q125(PN10-16)	250	210	188	3	22	Q 18 x 8 Pcs	200	420
Q150 (PN10-16)	285	240	212	3	22	Q 22 x 8 Pcs	210	440
Q200(PN10)	340	295	268	3	24	Q 22 x 8 Pcs	230	520
Q200(PN16)	340	295	268	3	24	Q 22 x 12 Pcs	230	520
Q250(PN10)	405	350	319	3	26	Q 23 x 12 Pcs	250	620
Q250(PN16)	405	355	319	3	26	Q 28 x 12 Pcs	250	620
Q300(PN10)	445	400	370	3	26	Q 23 x 12 Pcs	270	650
Q300(PN16)	460	410	370	3	26	Q 28 x 12 Pcs	270	650
Q350(PN10)	505	460	429	3	26	Q 23 x 12 Pcs	290	730
Q350(PN16)	520	470	429	3	26	Q 28 x 12 Pcs	290	730
Q400(PN10)	565	515	480	3	28	Q 28 x 12 Pcs	310	830
Q400(PN16)	580	525	480	3	28	Q 31 x 16 Pcs	310	830
Q500(PN10)	670	620	582	4	28	Q 28 x 12 Pcs	350	1100
Q500(PN16)	715	650	609	4	28	Q 34 x 20 Pcs	350	1100
Q600(PN10)	780	725	682	5	30	Q 31 x 20 Pcs	390	1250
Q600(PN16)	840	770	720	5	30	Q 37 x 20 Pcs	390	1250

GENERAL INFORMATION

These are the valves having a curtain-like closure by means of a slide and are used to stop the fluid in the pipe through connection to the pipelines. Thanks to the screw shaft mounted inside the body, the valve is opened and closed by moving the slider up and down. Sealing is provided by the gasket covered on the slide.



AGRICULTURAL IRRIGATION (RECEIVER)



PARTS OF AGRICULTURAL IRRIGATION (RECEIVER)

No	Part Name	Material
1	Body	GG25-GGG40
2	Slide	GGG40
3	Pin	Covered with GGG50 PD
4	Motion Nut	X 20 CR 13
5	Cover Gasket	MS58
6	Cover	GGG25 - GGG40
7	Pin Manhole	GGG40
8	Manhole O-ring	EPDM
9	Cover O-ring	EPDM
10	Cover Connection Bolt	Galvanized Allen Head
11	Flywheel	GGG40
12	Flywheel Washer	SHEET
13	Flywheel Bolt	8.8 Galvanized

DIMENSIONS CHART OF AGRICULTURAL IRRIGATION VALVE (RECEIVER)

(DN) Nominal Diameter (mm)	D (mm)	k (mm)	F (mm)	f (mm)	b (mm)	Number & Diameter of Hole	L (mm)	H (mm)
Q100 (PN10-16)	220	180	158	3	20	Q 18 x 8 Pcs	470	413
Q125 (PN10-16)	250	210	188	3	22	Q 18 x 8 Pcs	600	470
Q150 (PN10-16)	285	240	212	3	22	Q 22 x 8 Pcs	600	470

GENERAL INFORMATION

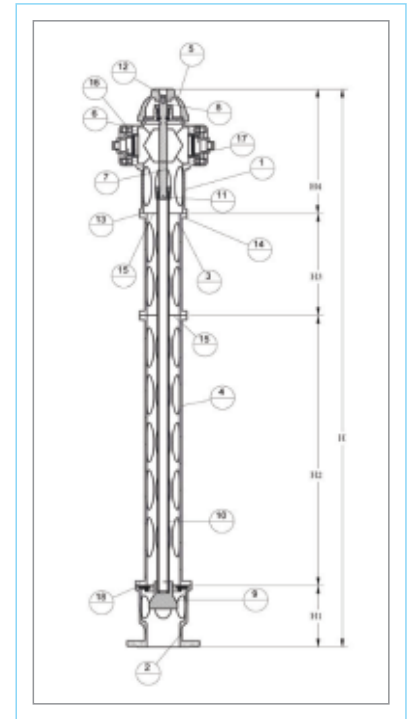
These are the valves having a curtain-like closure by means of a slide and are used to stop the fluid in the pipe through connection to the pipelines. Thanks to the screw shaft mounted inside the body, the valve is opened and closed by moving the slider up and down. Sealing is provided by the gasket covered on the slide.

OVERGROUND FIRE HYDRANT



DIMENSION CHART OF OVERGROUND FIRE HYDRANT

(DN) Nominal Diameter (mm)	Length	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	H (mm)
Q80	Short Size (1)	200	580	-	370	1150
Q80	Short Size (2)	200	680	-	370	1250
Q80	Short Size	200	880	-	370	1450
Q80	Medium Size	200	880	300	370	1750
Q80	Long Size	200	880	300(2)	370	2150
Q100	Short(1)	200	580	-	370	1150
Q100	Short(2)	200	680	-	370	1250
Q100	Short boy	200	880	-	370	1450
Q100	Medium Size	200	880	300	370	1750
Q100	Long Size	200	880	300(2)	370	2150



PARTS OF OVERGROUND FIRE HYDRANT

No	Part Name	Material
1	Body	GGG40
2	Stop Ring	GGG40
3	FF	GGG40
4	Spanner Head	GGG40
5	Water Inlet	ETAL150
6	Pin	X20CR13
7	Pin Manhole	GGG40
8	Slide	Gasket GGG40 + EPDM
9	Motion Pipe	Galvanized Pipe
10	Motion Nut	MS58

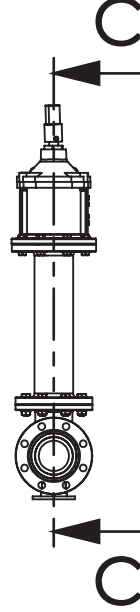
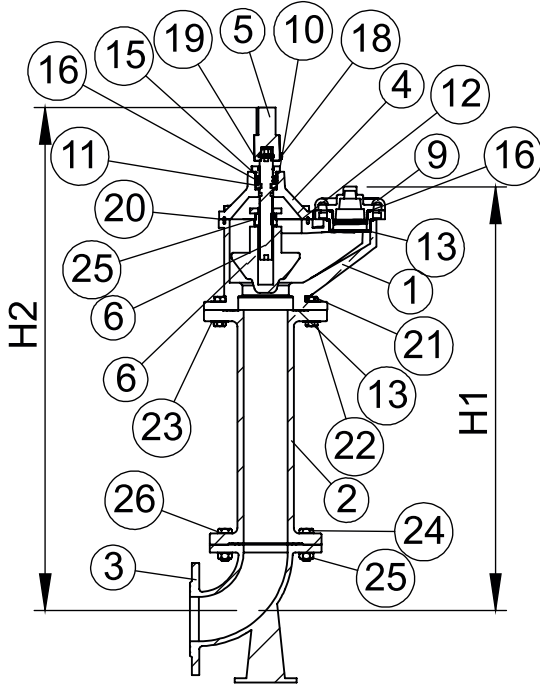
No	Part Name	Material
11	A. Head Connection Screw	8.8 Galvanized
12	Body Connection Screw	8.8 Galvanized
13	Body Connection Nut	8.8 Galvanized
14	FF Gasket	EPDM
15	Water Inlet O-ring	EPDM
16	Body O-ring	EPDM
17	Stop Ring Gasket	EPDM

GENERAL INFORMATION

They are hydrants of which water inlet is located over ground, which is used for the fire brigade to take water with a hose in pressurized water networks. Hydrant consists of the shaft controlling the air, the spring relief valve (check valve) that acts as an automatic discharge, the hose connection couplings and the casting parts that form the main body. When the shaft is turned clockwise with the help of the hydrant key, the hydrant is closed, and when the shaft is turned clockwise, the hydrant is opened. The hydrant must be closed, especially in cold weather in order to discharge the water in the hydrant for the valve. The valve on the body prevents freezing through emptying the water in the hydrant when there is no water usage (while the hydrant is closed). The valve closes in the water flow direction (when the hydrant is opened). Thus, the sealing of the valve under pressure in the system is ensured.



UNDERGROUND FIRE HYDRANT



DIMENSION CHART OF UNDERGROUND FIRE HYDRANT

(DN) Nominal Diameter (mm)	D	H1 (mm)	H2 (mm)
Q80	200	80	96
Q100	220	82	98



PARTS OF UNDERGROUND FIRE HYDRANT

No	Part Name	Material
1	Gövde	GG25-GGG40
2	FF	GGG40
3	Ökçe	GGG40
4	Kapak Oringi	EPDM
5	Açma Kapama Kafası	GG25-GGG40
6	Sürgü	GGG40+EPDM KAPLI
7	Mil	X20CR13
8	Hareket Somunu	MS58
9	Su Alma Ağızı	ETAL150
10	Mil Ragoru	GGG40
11	Segman	Ç1040
12	Kapak Contası	EPDM
13	Gövde Contası	EPDM

No	Part Name	Material
14	FF Contası	EPDM
15	Ragor Oringi	EPDM
16	Mil Oringi	EPDM
17	Su Alma Ağızı Oringi	EPDM
18	Mil Bağ. Civatası	8.8 Galvanized
19	Mil Bağ. Somunu	8.8 Galvanized
20	Kapak Bağ. Civatası	Galvanized Allen Head
21	Gövde Bağ. Civatası	8.8 Galvanized
22	Gövde Bağ. Somunu	8.8 Galvanized
23	Gövde Bağ. Pulu	8.8 Galvanized
24	FF Bağ. Civatası	8.8 Galvanized
25	FF Bağ. Somunu	8.8 Galvanized
26	FF Bağ. Pulu	8.8 Galvanized

GENERAL INFORMATION

It is the hydrant whose water intake openings are located under the ground and the cover is located overground in pressurized water networks. The shaft controlling the hydrant valve consists of the casting parts forming the main body and the hose connection coupling. With the help of a hydrant key, the on-off operation is performed thanks to controlling the spindle. Underground fire hydrants are used for water supply of fire brigades in factories, warehouses, industrial facilities, fire-sensitive forest areas around buildings and residential areas.



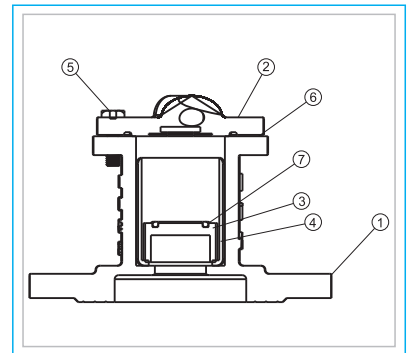
SUCTION CAP WITH SINGLE GLOBE

PARTS OF SUCTION CAP WITH SINGLE

No	Part Name	Material
1	Body	GG25-GGG40
2	Cover	GG25-GGG40
3	Disc	POLYETHYLENE
4	Disc Protection	POLYETHYLENE
5	Cover Connection	8.8 Galvanized
6	Cover Gasket	EPDM
7	Disc O-ring	EPDM

DIMENSION CHART OF SUCTION CAP WITH SINGLE GLOBE

(DN) Nominal Diameter (mm)	D (mm)	k (mm)	F (mm)	f (mm)	b (mm)	Number & Diameter of Hole	H (mm)
Q 50 (PN 10-16)	165	125	102	3	18	Q 18x4 Pcs	227
Q 65 (PN 10-16)	185	145	122	3	18	Q 18x4 Pcs	229
Q 80 (PN 10-16)	200	160	138	3	20	Q 18x4 Pcs	236
Q 100 (PN 10-16)	220	180	158	3	20	Q 18x4 Pcs	236
Q 125 (PN 10-16)	250	210	188	3	22	Q 18x4 Pcs	372
Q 150 (PN 10-16)	285	240	212	3	22	Q 22x8 Pcs	372
Q 200 (PN 10)	340	295	268	3	24	Q 22x8 Pcs	372
Q 200 (PN 16)	340	295	268	3	24	Q 22x12 Pcs	372



GENERAL INFORMATION

When water is supplied to the pump outlets and pipelines, air accumulations in the system, especially at the pump outlets, narrow the passage area of the water and cause decreasing the capacity. Single Globe Suction Cups are used to prevent this negativity. The air occurred in the system fills the suction cup before the water and is thrown out through the hole in the cover. Then, the suction cup lifts the disc as water and the holes are closed and so sealing is ensured.

SUCTION CAP WITH DOUBLE GLOBE



DIMENSION CHART OF SUCTION CAP WITH DOUBLE GLOBE

(DN) Nominal Diameter (mm)	D (mm)	k (mm)	F (mm)	f (mm)	b (mm)	Number & Diameter of Hole	L (mm)	H (mm)
Q 50 (PN 10-16)	165	125	102	3	18	Q 18x4 Pcs	410	275
Q 65 (PN 10-16)	185	145	122	3	18	Q 18x4 Pcs	410	275
Q 80 (PN 10-16)	200	160	138	3	20	Q 18x8 Pcs	415	280
Q 100 (PN 10-16)	220	180	158	3	20	Q 18x8 Pcs	415	280

PARTS OF SUCTION CAP WITH DOUBLE GLOBE

No	Part Name	Material
1	Body	GG25-GGG40
2	Medium Cover	GG25-GGG40
3	Side Cover	GG25-GGG40
4	Slide	GGG40
5	Disc	POLYETHYLENE
6	Disk Protection	POLYETHYLENE
7	Pin	X20CR13
8	Manhole	GGG40
9	Medium Cover Gasket	EPDM
10	Yan Cover Gasket	EPDM
11	Cover o-ring	EPDM
12	Manhole o-ring	EPDM
13	Flywheel	GGG40
14	Flywheel Bolt	8.8 Galvanized
15	Flywheel Washer	SHEET
16	Cover Connection Bolt	8.8 Galvanized
17	Motion Nut	MS58
18	Disc O-ring	EPDM

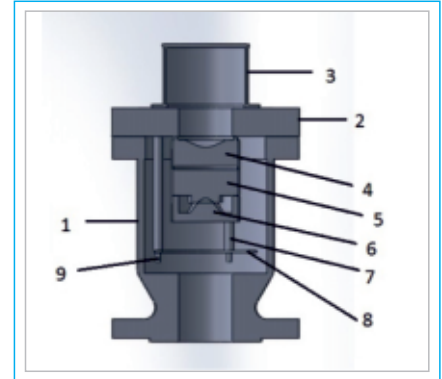
GENERAL INFORMATION

When water is supplied to the pump outlets and pipelines, air accumulations in the system, especially at the pump outlets, narrow the passage area of the water and cause decreasing the capacity. Single Globe Suction Cups are used to prevent this negativity. The air occurred in the system fills the suction cup before the water and is thrown out through the hole in the cover. Then, the suction cup lifts the disc as water and the holes are closed and so sealing is ensured.

We reserve our right to change size and design.



NON-STROKE DYNAMIC SUCTION CUPS

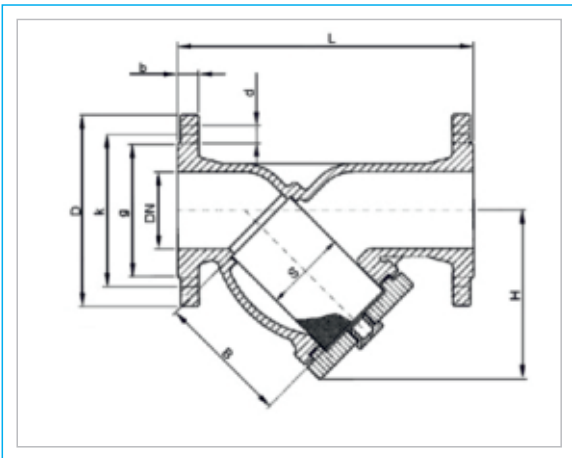


PARTS OF NON-STROKE DYNAMIC SUCTION CUPS

No	Part Name	Material
1	Body	GGG40
2	Cover	GGG40
3	Stainless Cage	AISI 304
4	Top Floater	POLYETHYLENE
5	Medium Floater	POLYETHYLENE
6	Down Floater	POLYETHYLENE
7	Cage MIH	AISI 304
8	Floater Stopper	AISI 304
9	Pin Nut	AISI 304

GENERAL INFORMATION

Non-Stroke Dynamic Suction Cups are manufactured for use in pumping stations, pipelines and high-level water reservoirs. Suction cups are vital equipment for pipelines. Suction cups prevent the formation of vacuum due to air inlet during the filling of the empty pipeline. At the same time, thanks to its small orifices, it allows the evacuation of small air packages that are trapped under the working pressure. The suction cups allow air to enter during the discharge of the pipeline, prevent the vacuum formation and so prevent the crushing of very expensive pipes. Thanks to its stainless-steel inner and outer parts, it is long-lasting against rust and corrosion.



Y TYPE STRAINER



Y - TYPE STRAINER PARTS

No	Part Name	Material
1	Body	GGG40
2	Cover	GGG40
3	Filter	SS
4	Seal	EPDM

DIMENSION CHART OF Y - TYPE STRAINER

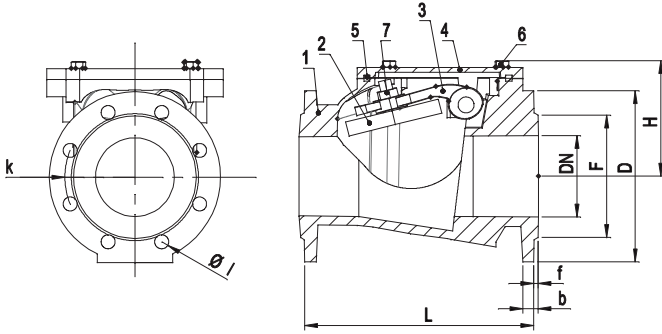
	DN	50	65	80	100	125	150	200
Nominal Diameter	L	230	290	310	350	400	480	600
Valve Dimensions	B	103	127	153	185	250	280	350
Filter Dimension	S	54	73	87	107	128	154	208

GENERAL INFORMATION

It is used to mechanically hold the impurities and foreign materials that come with the fluid circulating in the pipe installation. Strainers extend the life of the line



SWING CHECK VALVE



PARTS OF FLAP CHECK VALVE

No	Part Name	Material
1	Body	GGG40
2	Valve	GGG40
3	Valve Joint	EPDM
4	Valve Joint Sheet	SHEET
5	Valve Joint Screw	8.8 Galvanized
6	Cover	GG25
7	Cover Gasket	EPDM
8	Cover Coupling Screw	8.8 Galvanized

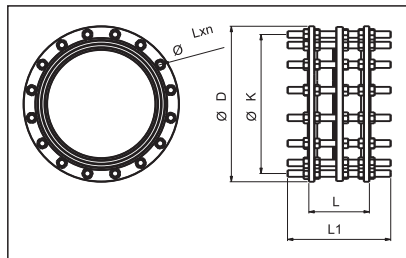
DIMENSION CHART OF SWING CHECK VALVE

(DN) Nominal Diameter (mm)	D (mm)	k (mm)	F (mm)	f (mm)	b (mm)	Number & Diameter of Hole	L (mm)	H (mm)
Q50	165	125	102	3	18	Q18x4 Pcs	200	206
Q65	185	145	122	3	18	Q18x4 Pcs	240	245
Q80	200	160	138	3	20	Q18x8 Pcs	260	250
Q100	220	180	158	3	20	Q18x8 Pcs	300	254
Q125	250	210	188	3	22	Q18x8 Pcs	350	290
Q150	285	240	212	3	22	Q22x8 Pcs	400	340
Q200	340	295	268	3	24	Q22x8 Pcs	500	397
Q250	395	320	320	3	26	Q22x12 Pcs	600	440
Q300	445	370	370	3	26	Q22x12 Pcs	700	470

GENERAL INFORMATION

These products in pipelines are used to prevent flowing in the opposite direction while allowing the liquid to flow in the flowing direction. It prevents the liquid from flowing back in case the pump fails in pump facilities. The valve closes by its own weight or by counter force. Check valves are installed by paying attention to the liquid flow direction.

DISASSEMBLING PART



DIMENSION CHART OF DISASSEMBLING PART

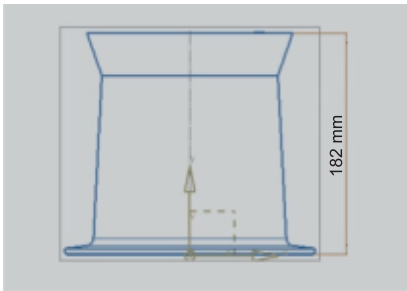
DN (mm)	PN 10					PN 16				
	L (mm)	L1 (mm)	QD (mm)	Qk (mm)	QL xn (mm)	L (mm)	L1 (mm)	QD (mm)	Qk (mm)	QL xn (mm)
50	-	-	165	125	19x4	-	-	165	125	19x4
65	-	-	185	145	19x4	-	-	185	145	19x4
80	205	335	200	160	19x8	205	335	200	160	19x12
100	205	335	220	180	19x8	205	335	220	180	19x12
125	205	335	250	210	19x8	205	335	250	200	19x12
150	205	335	285	240	23x8	205	335	285	240	23x12
200	225	335	340	295	23x8	225	335	340	295	23x12
250	225	365	400	350	23x12	235	375	405	355	28x12
300	235	365	460	400	23x12	255	415	460	410	28x12
350	235	365	505	460	23x16	265	415	520	470	28x16
400	235	375	565	515	28x16	275	435	580	525	31x16
450	255	395	615	565	28x20	275	435	640	585	31x20
500	265	385	670	620	28x20	285	445	715	650	34x20
600	265	415	780	725	31x20	305	505	840	770	37x20

GENERAL INFORMATION

It is used to facilitate the assembly and disassembly of flanged valves in all piping systems. It provides ease of disassembly by taking on the axial forces on the valve in the pipeline. During assembly and disassembly, the length of the disassembly part is shortened by +-25mm to create the necessary working area. Our disassembly parts are manufactured as semi-rigid. Upon request, it can also be produced as full Rigid and Telescopic type. Rigid type design disassembly parts allow assembly without requiring additional bolts and nuts.



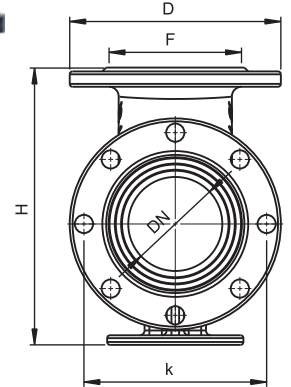
VALVE BOX SET



GENERAL INFORMATION

The Valve Box Set allows easy opening or closing of underground mounted slide valves. It provides not only easy use but also low cost.

RANDING



DIMENSION CHART OF RANDING

(DN) Nominal Diameter (mm)	H	D	F	K
Q80	255	200	132	160
Q100	280	220	156	180

We reserve our right to change size and design.

