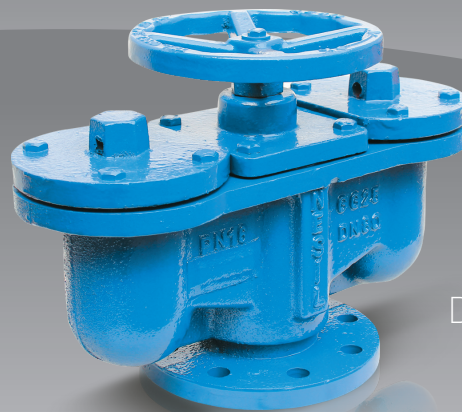


One Ball



Double Ball



## VACUUM LIFTER

### GENERAL FEATURES

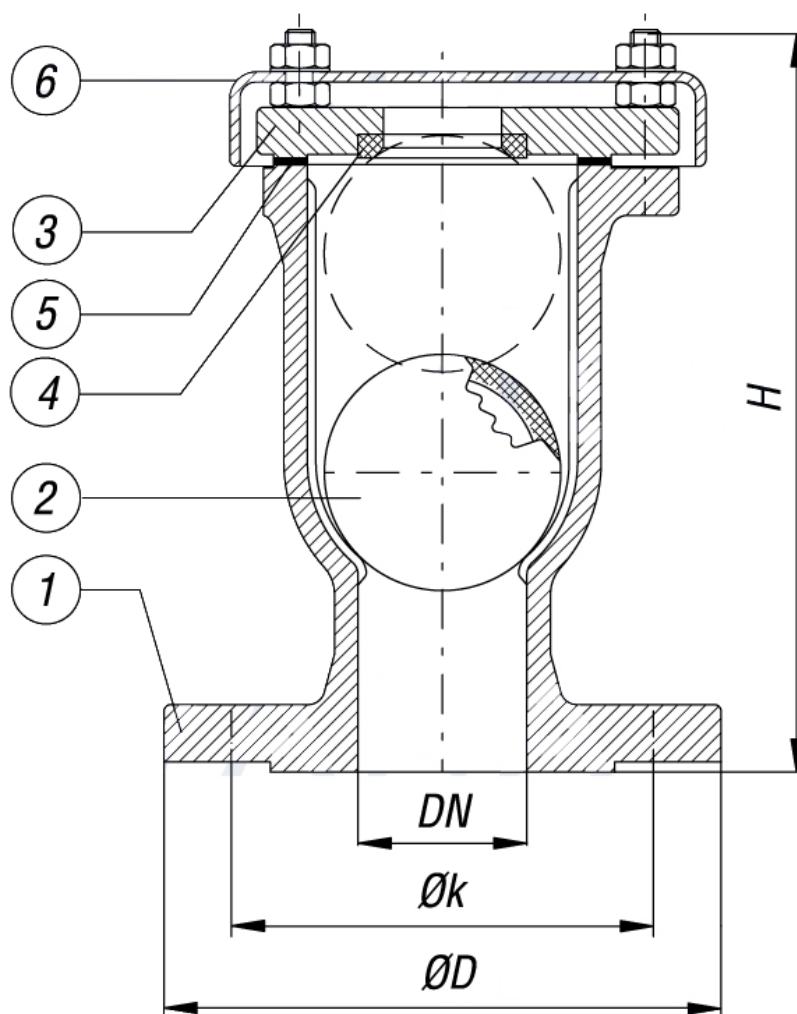
Air accumulations which occur particularly in pump outlets when water is delivered to pump outlets and pipe lines and makes water flow area narrower and causes decrease in capacity. This product is used to protect the pump and the system and to discharge the air for more efficient operation of the system. Single spherical and double spherical models are available. Generally, single-ball vacuum lifter are used for the air capacity. Double spherical vacuum lifter are preferred when very high efficiency is required for the system

### TECHNICAL SPECIFICATIONS

- Drainage of air entering the pipe when filling the pipeline with fluid,
- Large amount of inlet air discharged in the pipe, during the discharge of the fluid inside the pipeline
- Evacuation of air bubbles with fluid in dynamic working conditions
- Single sphere-kinetic type, single-spherical-dynamic type, double orifice combined type and self-propelled double-spherical vacuum lifter can be used according to place
- Provides protection against lock with high air output.

One Ball DN	Double Ball DN
50	50
80	80
100	100
150	150
200	200
	250

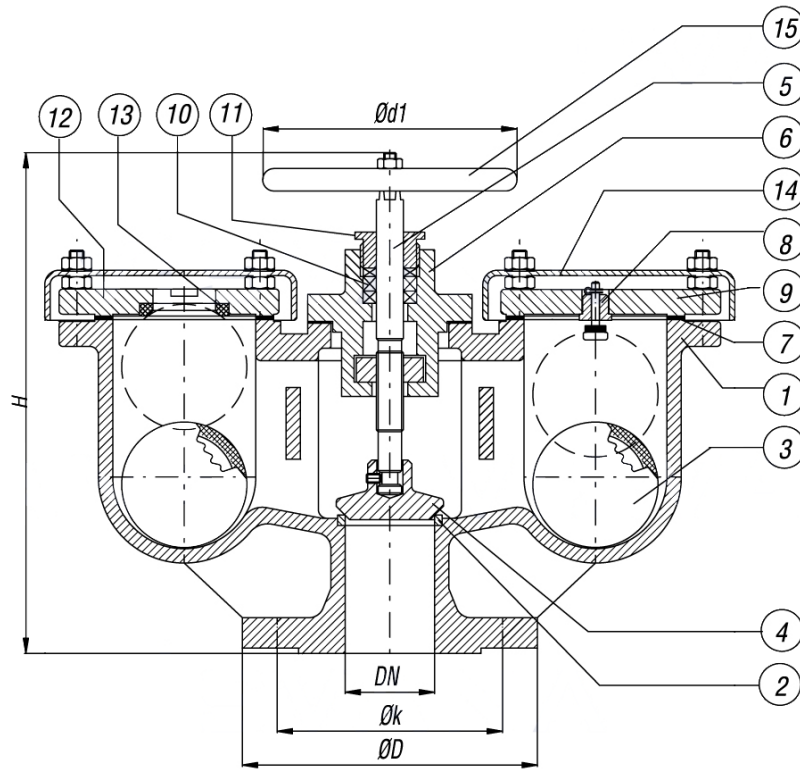
## VACUUM LIFTER/ ONE BALL



No	Part Name	Material
1	Body	GG 25 / GGG-40
2	Ball	ST 37 + Perbunan
3	Cover	GG 25 / GGG-40
4	Seal	EPDM
5	Gasket	EPDM / Klingerite
6	Top Cover	GG 25

DN (mm)	H	PN 16/10			PN 25		
		ØD	Øk	Weight (kg)	ØD	Øk	Weight (kg)
50	230	165	125	8	165	165	9
80	290	200	160	17	200	160	19
100	330	220	180	18	235	190	20
150	435	285	240	50	300	250	55
200	440	340	295	55	360	310	61

# VACUUM LIFTER / DOUBLE BALL

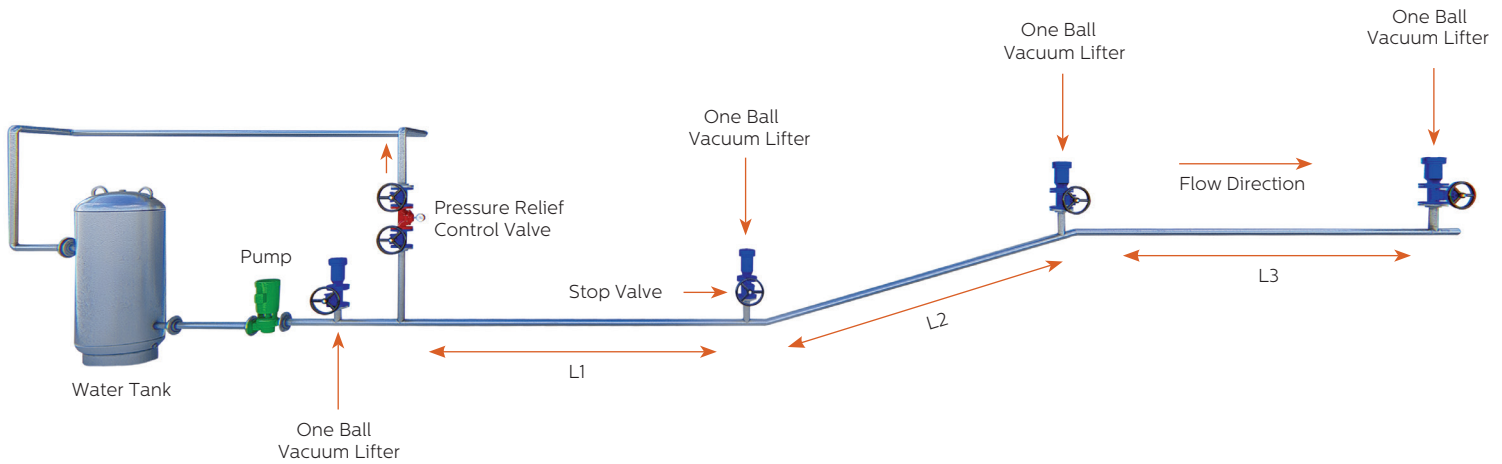


No	Part Name	Material
1	Gövde	GG 25 / GGG-40
2	Body Seat	Ms 58 / Bronze / SS
3	Ball	St37 + EPDM
4	Disc	GGG 40 / SS304
5	Stem	ASI 420
6	Mid Cover	GG 25 / GGG-40
7	Gasket	EPDM / KLINGERITE
8	Nozzle	Ms 58
9	Cover	GG 25/ GGG-40
10	Packing	Teflon / Graphite
11	Packing Nut	Ms 58 / Bronze SS
12	Cover	GG 25/ GGG-40
13	Gasket	EPDM / KLINGERITE
14	Top Cover	GG 25/ GGG-40
15	Mandwheel	GG 25

DN(mm)	d1	H	PN 16/10			PN 25		
			ØD	Øk	Weight (Kg)	ØD	Øk	Weight (Kg)
50	200	320	165	125	23	165	125	25,5
80	250	415	200	160	62,5	200	160	69
100	250	470	220	180	63,7	235	190	70
150	400	570	285	240	130	300	250	130
200	400	675	340	295	240	360	310	264
250	500	675	405	355	253	425	370	278

# VACUUM LIFTER

## 3D APPLICATION SAMPLE



### For Example;

L1= 500 meter,  
L2= 500 meter,  
L3= 700 meter,

In long distances and outlines, the suction cup is used to drain the air in the system. It is used to evacuate the air at the pump outlet. Depending on the air capacity to be discharged, double-ball vacuum lifter can also be preferred.



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