



AYVAZ

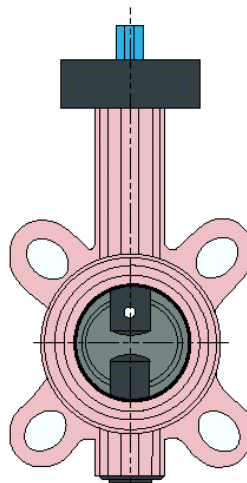
Butterfly Valve

(KV 1)

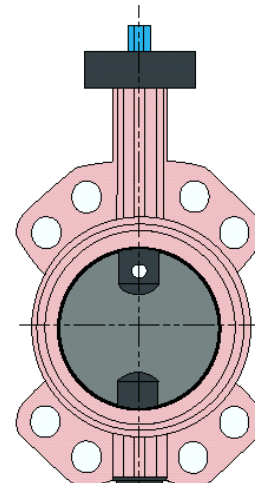
KV 1



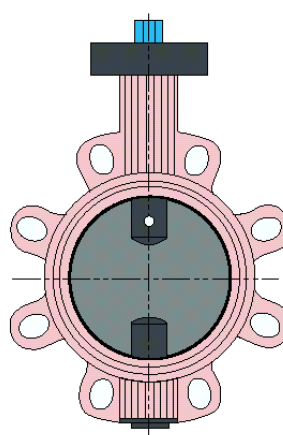
Butterfly Valve Types



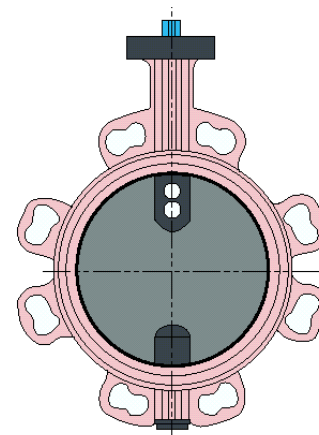
DN 25-65



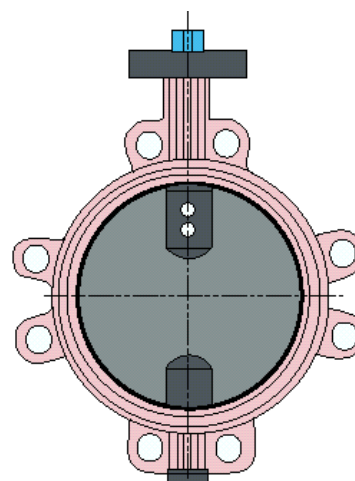
DN 80-100



DN 125-150



DN 200



DN 250 / 300

Main Features

The bubble tight shut - off of AYVAZ KV 1 Butterfly Valves is achieved by using EPDM and NBR gaskets. With the use of gradual adjustment cap, required fluid flow - rate can be adjusted. The lever is not in contact with the fluid so there's no calcification. Because of the 100% bubble tight shut - off it can be used as blind ending. Control options can be lever, reductor and pneumatic.

Attention during installation :

- To avoid the deformation of the tightness element, enough space should be found between flanges
- during installation, the disc should not be completely close ; it should be a little open
- Before fixing the flange nuts, the free movements of the disc should be checked.

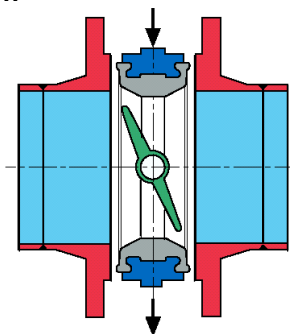
OPERATING CONDITIONS

Nominal Pressure (bar)	:	16
Max.Differential Pressure(bar)	:	16 (DN 25-200/10 (DN 250-300))
Tightness	:	DIN 3230 T3/ Leckrate1
Temperature Ranges (°C)	:	EPDM: -10+130/ NBR: -10+80

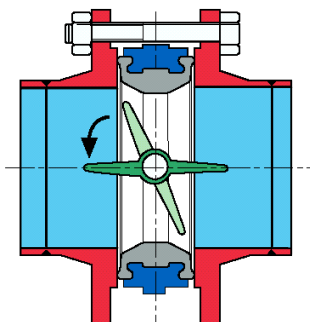
Typical Applications

Heating, ventilating and air conditioning
Water treatment and distribution systems
Mining industry
Shipbuilding and off - shore industries
Chemical and petrochemical plants
Sugar industry
Food and chemistry processing
Oil and gas process

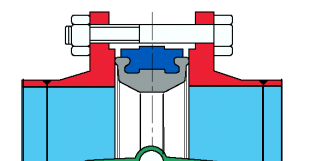
Installation



Distance between flanges must be enough to install the valve.

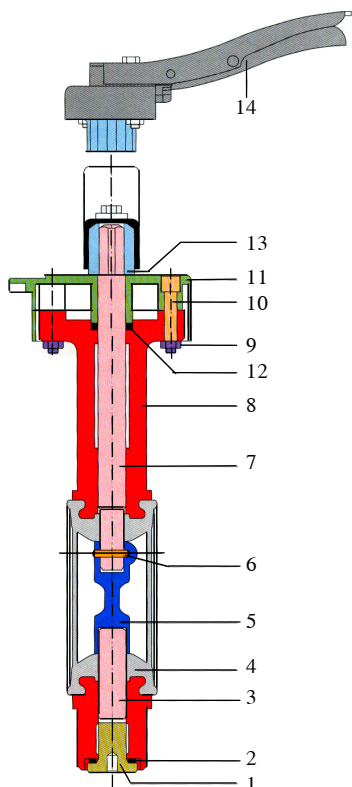


Center and open the valve before fixing the bolts and nuts. The disc must not be in contact with the pipe.

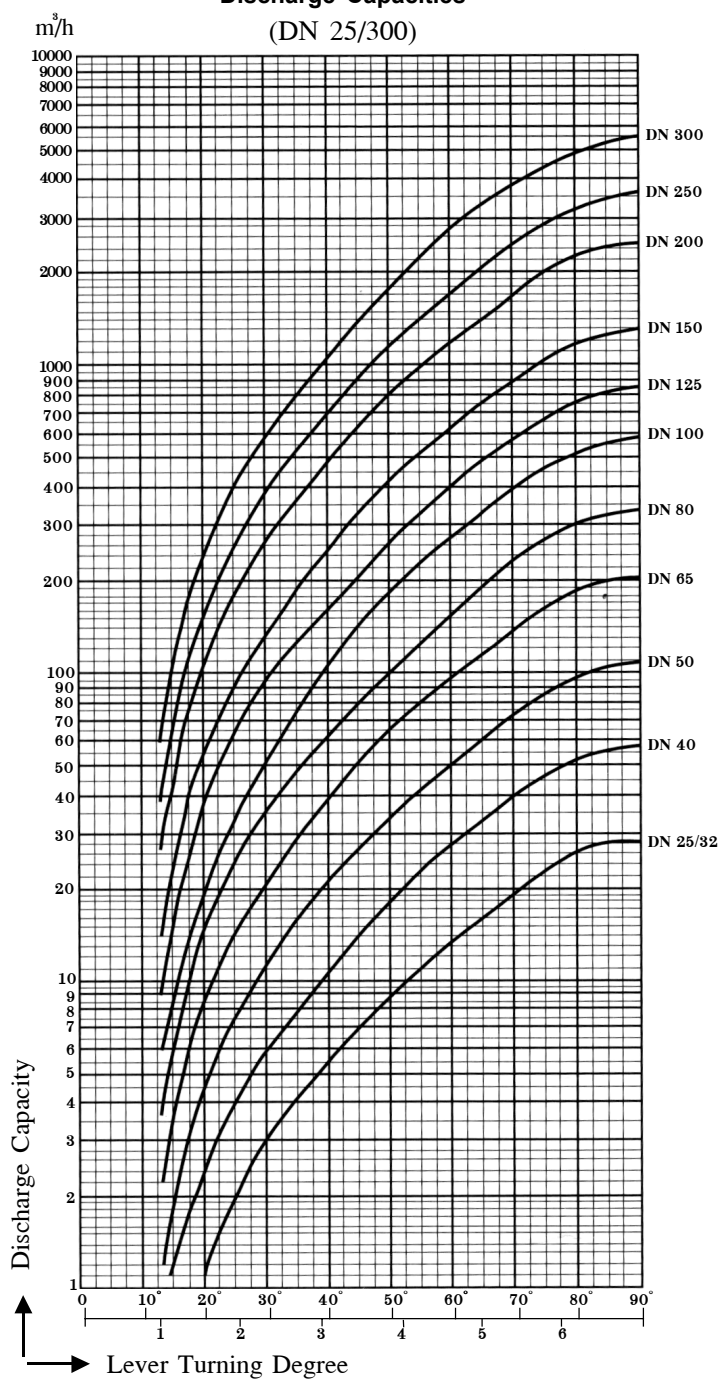


Tight the bolts and nuts until flanges are in contact with the body of the valve.

KV 1



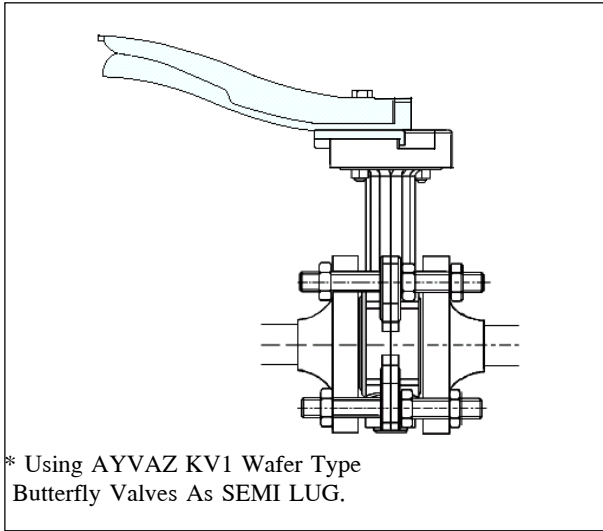
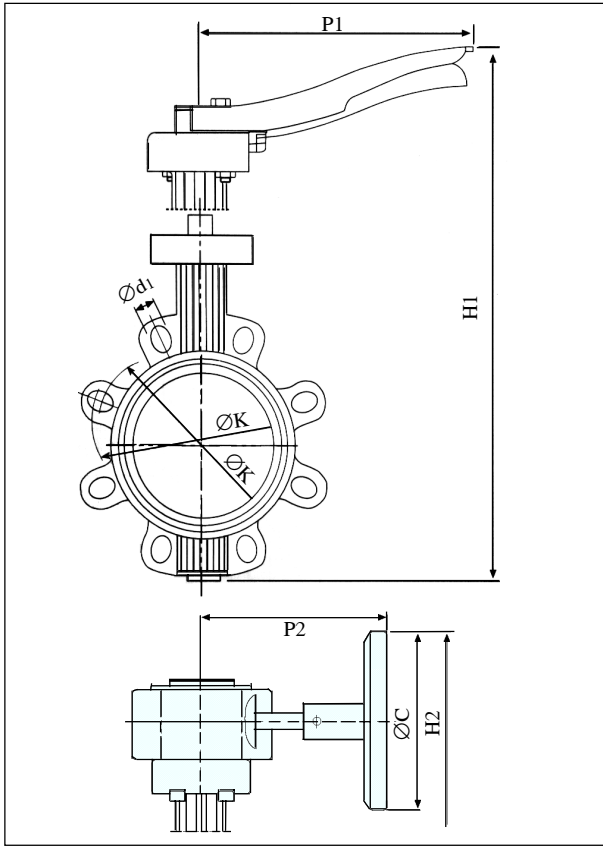
Discharge Capacities (DN 25/300)



Spare Parts

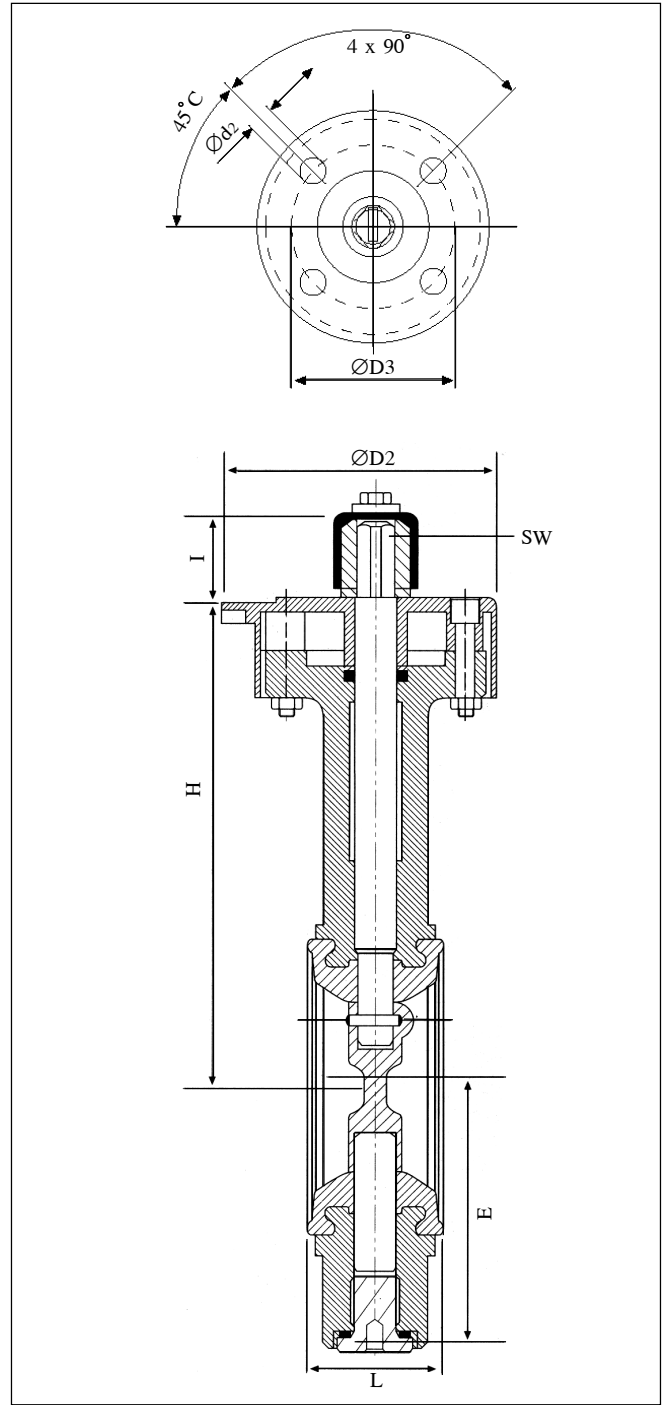
1.	Fuse	8.8
2.	Gasket	Copper
3.	Pivot	1.4021.05
4.	Clack Gasket	EPDM
5.	Clack	1.4401
6.	Pin	AISI 304
7.	Shaft	1.4021.05
8.	Body	GG 25
9.	Nut	8.8
10.	Bolt	8.8
11.	Cover	Zytel 72. G 30 L
12.	O - Ring	EPDM
13.	Cap	PA 6
14.	Lever	ST 37

Dimensions



* Using AYVAZ KV1 Wafer Type
Butterfly Valves As SEMI LUG.

Dimensions



Dimensions and Weights (mm / kg)

DN	L	H	E	I	SW	H1	P1	H2	P2	ØC	ØD2	ØD3	Ød2	PN 6 Øk	PN10 Øk	PN16 Øk	n x Ød1	kvs degeri	kg
25/32	33	126	55	15	11	185	185	215	135	125	71	50	6.5	17/90	85/100	85/100	4 x Ø11/14	27.8 x 28.5	1.8
40	33	133	65	15	11	195	185	225	135	125	71	50	6.5	100	110	110	4 x Ø14/18	58	2
50	43	138	68	15	11	200	185	230	135	125	71	50	6.5	110	125	125	4 x Ø14/18	107	2.5
65	46	149	80	15	11	210	185	240	135	125	71	50	6.5	130	145	145	4 x Ø14/18	201	2.9
80	46	157	95	15	11	220	185	250	135	125	71	50	6.5	150	160	160	4 x Ø18	336	3.4
100	52	177	105	15	11	240	185	270	135	125	71	50	6.5	170	180	180	4 x Ø18	576	4.6
125	56	191	120	18	17	260	275	280	135	125	95	70	8.5	200	210	210	8 x Ø18	840	7.6
150	56	211	135	18	17	280	275	300	135	125	95	70	8.5	225	240	240	4 x Ø18/22	1295	9.3
200	60	244	165	18	17	310	275	375	185	200	95	70	8.5	280	295	295	4 x Ø18/22	2470	12.8
250	68	278	200	24	22	-	-	405	205	200	129	102	11	335	350	355	4 x Ø18/26	3600	
300	78	302	230	24	22	-	-	435	205	200	129	102	11	395	400	410	4 x Ø18/26	5520	