V905 Butterfly valve (2 x flange)

water heating

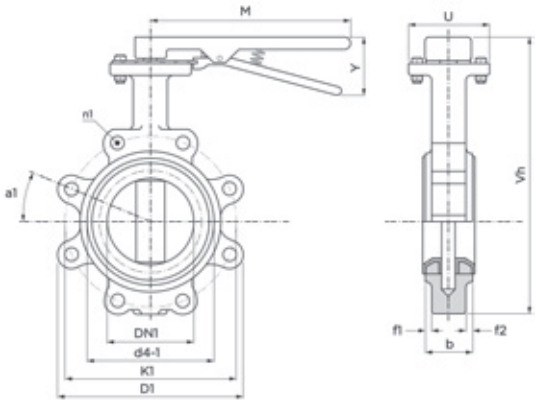


specification

- all sizes rated PN16
- stainless steel disc and stem
- quarter turn
- EPDM liner
- fully lugged to BS EN 593:2004
- ductile iron body
- face to face dimensions to BS EN 558:2008
- EN1092-2 flanges

DN	Connection	Code	Weight (kg)	Cv	Kv
DN65	2 ½"	15300	5.8	256.3	229.3
DN80	3"	15301	6.0	394.9	353.3
DN100	4"	15302	10.3	784.7	702.0
DN125	5"	15303	13.5	1336.6	1195.7
DN150	6"	15304	14.6	2075.3	1874.4
DN200	8"	15305	21.4	4101.6	3669.1

*Cv - flow rate in US GPM at a pressure drop of 1 psi.
*Kv - flow rate in m3 per hour at a pressure drop of 1 bar.



Dimensions (mm)

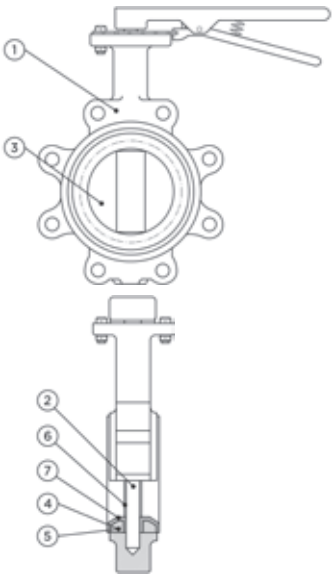
	a1	b	d4-1	D1	DN1	f1/f2	k1	M	n1	U	Vh	Y
DN65	45.0	50.0	142.0	180.0	DN68	3.0	142.0	205.0	8.0	66.0	332.0	43.0
DN80	45.0	54.0	160.0	200.0	DN80	5.0	160.0	205.0	8.0	66.0	359.0	43.0
DN100	45.0	56.0	182.0	220.0	DN100	7.0	182.0	205.0	8.0	66.0	384.0	55.0
DN125	45.0	62.0	210.0	255.0	DN125	7.0	210.0	205.0	8.0	90.0	409.0	55.0
DN150	45.0	63.0	240.0	293.0	DN150	8.0	240.0	205.0	8.0	95.0	446.0	55.0
DN200	45.0	65.0	300.0	330.0	DN200	11.0	300.0	205.0	8.0	95.0	505.0	89.0

Material specification

Nr	Component	Material
1	Body	Ductile iron
2	Shaft	Stainless steel
3	Disc	Stainless steel
4	Bushes up to 100mm	PTFE
5	Bushes up to 125mm	Bronze (Gunmetal)
6	"O" ring	EPDM
7	Liner	EPDM

Maximum pressure conditions

Size	Max Pressure (bar)	Min/Max Temperature (°C)	Test Pressure Shell (bar)	Test Pressure Seat (bar)	Max Pressure (psi)	Min/Max Temperature (°F)	Test Pressure Shell (psi)	Test Pressure Seat (psi)
DN65 to DN200	16.0	- 10°C + 120°C	24.0	17.5	232.1	14°F + 248°F	348.1	253.8



Pressure equipment directive category

All sizes classified SEP

Pressure & temperature ratings

