

Cast iron butterfly valve PN16

Fully lugged, to BS EN 593:2004, face to face dimensions to BS EN 558:2008

SIZES

Flange connection

Range	DN65	DN80	DN100	DN125	DN150	DN200	Dn250	Dn300
Code	DN 300	DN 301	DN 302	DN 303	DN 304	DN 305	DN 306	DN 307

*Geared wheel operation, V905G

DIMENSIONS (mm)

Range	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	46	46	52	56	56	60	68	78
B	70	89	106	120	132	164	200	238
C	181	187	211	226	239	293	469	494
D	200	200	290	290	290	450	341	341
Weight kg	5.80	6.00	10.30	13.50	14.60	21.40	42	67

FLOW RATES (m³/h)

Range	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
Kv	229.32	353.34	702.00	1195.74	1874.43	3669.12	6247.8	9652.5

VALVE SUITABILITY

Steam	Water	Oil	Air	Gas Inert	Gas Combustible	Gas Corrosive	Gas Oxygen
X	✓	X	X	X	X	X	X

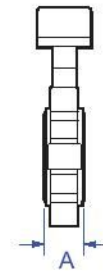
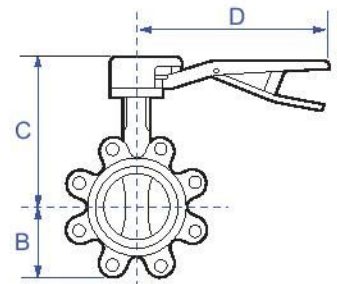
MATERIAL SPECIFICATION

Component	
Body	Cast Iron
Shaft	Stainless Steel
Disc	Stainless Steel
Bushes up to 100mm	PTFE
Bushes up to 125mm	Gunmetal
'O' Ring	EPDM
Liner	EPDM

MAXIMUM PRESSURE CONDITIONS

Size	Maximum Pressure Conditions (bar)		Test Pressures (bar)	
	Temperatures up to 120°C	Temperatures up to 120°C	Shell	Seat
DN65 to DN300	16.0	16.0	24	17.6
Size	Maximum Pressure Conditions (psi)		Test Pressures (psi)	
	Temperatures up to 248°F	Temperatures up to 248°F	Shell	Seat
DN65 to DN300	232.1	232.1	348.1	253.8

Temperature range -10°C - +120°C



PRESSURE EQUIPMENT DIRECTIVE CATEGORY

Sizes

DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
SEP	SEP	SEP	SEP	SEP	SEP	SEP	SEP

PRESSURE & TEMPERATURE RATINGS

