



# Data Sheet 1.54 Issue B



## Grooved Butterfly Valve Model: Fig 221



### Product Description

Universal grooved type Butterfly Valve suitable for connection in accordance with ISO 6182-12. Factory installed double tamper switch for indoor and outdoor use, complete with 1m flying lead.

### Pressure & Temperature

Max Working Pressure: 20.7 Bar

Max Test Pressure: 41.4 Bar

Max Working Temperature: 110°C

### Standards

Design: AI609

Face to Face Distance: ASME B16.1

Gearbox Mounting Flange: ISO 5211

Test: API598

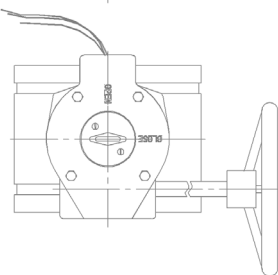
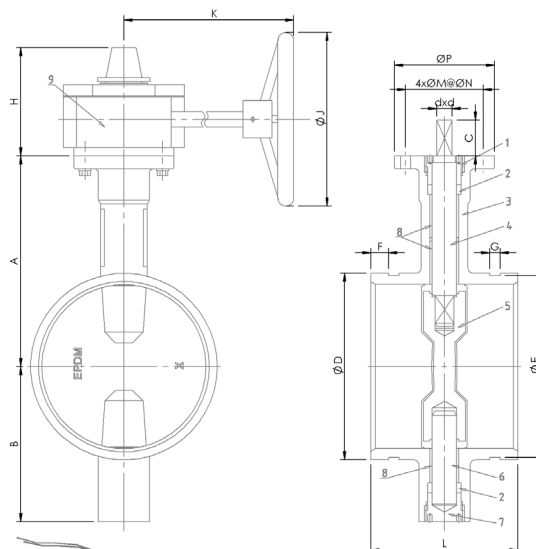
### Test/Approvals

UL Listed 2½" to 12"

FM Approved 2½" to 8"

### Material Specification

No.	Item	Material
1	Upper Shaft Sealing Nut	WCB Steel
2	Shaft Seal	EPDM
3	Body	Ductile Iron ASTM A536
4	Upper Shaft	SS416
5	Disc	Ductile Iron ASTM A536 + EPDM
6	Lower Shaft	SS416
7	Lower Shaft Sealing Nut	WCB Steel
8	Stem Bushing	PTFE 2.5"-6" / C95400 8"-12"
9	Gear Box	Ductile Iron ASTM A536



### Dimensions

Size	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	K mm	J mm	P mm	M mm	N mm	d mm	L mm	Weight Kg
DN65 2½"	125	95	32	73 76.1	69.1 72.3	15.9	7.9	111	153	152	90	9	70	10	96.4	8.8
DN80 3"	140	100	32	88.9	84.9	15.9	7.9	111	153	152	90	9	70	11	97	9.5
DN100 4"	160	100	32	114.3	110.1	15.9	9.5	111	153	152	90	9	70	14	115.1	10.7
DN125 5"	170	125	32	139.7 141.3	135.5 137	15.9	9.5	111	153	152	90	9	70	14	132.4	14.2
DN150 6"	190	140	32	165.1 168.3	160.9 164	15.9	9.5	111	153	200	90	9	70	16	132.4	16.5
DN200 8"	230	175	32	219.1	214.4	19	11.1	126	210	300	125	12	102	19	147.4	31.6
DN250 10"	260	200	45	273	268.3	19	12.7	126	210	300	125	12	102	24	159	40.5
DN300 12"	300	240	45	323.8	318.3	19	12.7	161	249	350	150	14	125	26	165	77.5