

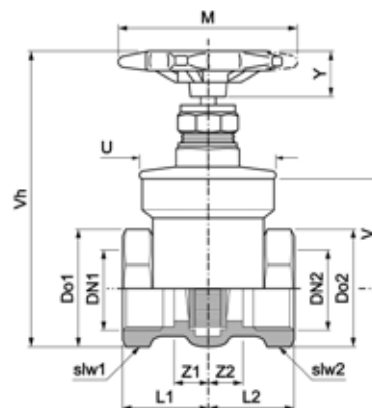
1068 Gate valve (2 x female thread)



specification

- BS5154 PN20 series B
- non-rising stem
- high quality lubricated packing
- ½" to 4" sizes
- solid brass wedge
- can be re-packed under pressure
- forged brass body
- ISO7-1Rc taper thread BS EN 10226
- ANSI (NPT) American taper thread (AT)
- BS2779 parallel thread (PT)

DN	Connection	ISO7-1 Rc (taper)	ANSI (NTP) (taper)	ISO 288 (PT)	ISO7-Rc) Lockshield)	Total (kg)	Cv	Kv
DN15•	½"	203007	203027	203047	203067	0.32	14.0	14.0
DN20•	¾"	203008	203028	203048	203068	0.45	32.0	32.0
DN25•	1"	203009	203029	203049	203069	0.74	57.0	57.0
DN32•	1 ¼"	203010	203030	203050	203070	1.08	90.0	90.0
DN40•	1 ½"	203011	203031	203051	203071	1.38	129.0	129.0
DN50•	2"	203012	203032	203052	203072	2.34	230.0	230.0
DN65	2 ½"	203013	203033	203053		3.54	428.0	428.0
DN80	3"	203014	203034	203054		4.96	680.0	680.0
DN100	4"	203015	203035	203055		8.66	1088.0	1088.0



*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.
 •WRAS approved

Dimensions (mm)

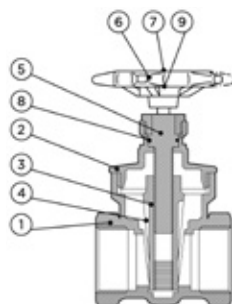
	Do1/Do2	DN1/DN2	L1/L2	M	slw1	slw2	slw3	U	V	Vh	Y	Z1/Z2
DN15	34.0	½"	26.0	62.0	29.0	15.0	29.0	38.0	66.0	102.0	11.0	16.0
DN20	40.0	¾"	28.0	67.0	35.0	17.0	35.0	43.0	72.0	115.0	12.0	17.0
DN25	46.0	1"	33.0	78.0	40.0	20.0	40.0	50.0	82.0	133.0	14.0	20.0
DN32	55.0	1 ¼"	37.0	87.0	48.0	24.0	48.0	58.0	92.0	153.0	16.0	22.0
DN40	65.0	1 ½"	38.0	91.0	56.0	60.0	56.0	66.0	101.0	178.0	18.0	23.0
DN50	78.0	2"	45.0	108.0	67.0	28.0	67.0	78.0	117.0	209.0	20.0	27.0
DN65	96.0	2 ½"	51.0	122.0	83.0	34.0	83.0	95.0	137.0	253.0	20.0	31.0
DN80	115.0	3"	57.0	136.0	100.0	42.0	100.0	111.0	156.0	298.0	20.0	34.0
DN100	140.0	4"	67.0	160.0	121.0	50.0	121.0	134.0	185.0	360.0	20.0	40.0

Material specification

Nr	Component	Material
1	Body	Forged brass (½" to 2") Gravity die cast brass (2 ½" to 4")
2	Bonnet	Forged brass (½" to 3") Gravity die cast brass (4")
3	Stem	Brass bar
4	Wedge	Forged brass (½" to 2 ½") Gravity die cast brass (3" to 4")
5	Gland nut	Brass bar (½" to 1") Forged brass (1 ¼" to 4")
6	Handwheel	Aluminium
7	Handwheel nut	Brass bar
8	Gland packing	PTFE
9	Rating disc	Aluminium

Maximum pressure conditions

Size	Maximum pressure conditions		Test Pressure		Max Pressure (psi)	Min/Max Temperature (°F)	Test Pressure	
	Max Pressure (bar)	Min/Max Temperature (°C)	Shell (bar)	Seat (bar)			Shell (psi)	Seat (psi)
½" to 4"	20.0	-10°C + 180°C	30.0	22.0	253.8	14°F + 356°F	435.1	319.1



Pressure equipment directive category

All sizes classified SEP

Pressure & temperature ratings

