1065 Gate valve (2 x female thread)

water oil

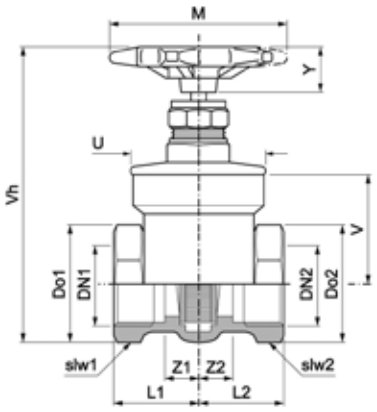


specification

- all sizes rated PN16
- non-rising stem
- "O" ring gland packing seal
- ½" to 2" sizes
- solid wedge
- forged brass body
- ISO7-1Rc taper thread
- ANSI (NPT) American taper thread (AT)
- BS2779 parallel thread (PT)

DN	Connection	ISO7-1 Rc (taper)	ANSI (NTP) (taper)	ISO 288 (PT)	Total (kg)	Cv	Kv
DN15	½"	202007	202042	202052	0.27	16.4	14.0
DN20	¾"	202008	202043	202053	0.37	37.4	32.0
DN25	1"	202009	202044	202054	0.58	66.7	57.0
DN32	1 ¼"	202010	202045	202055	0.94	105.3	105.3
DN40	1 ½"	202011	202046	202056	1.19	150.9	150.9
DN50	2"	202012	202047	202057	2.09	269.1	269.1

*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)

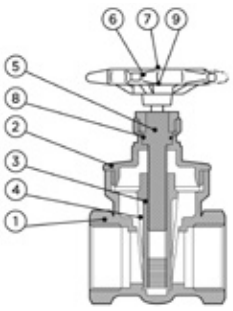
	Do1/Do2	DN1/DN2	L1/L2	M	slw1	slw2	slw3	U	V	Vh	Y	Z1/Z2
DN15	31.0	½"	23.0	55.0	31.0	20.0	31.0	26.0	29.0	86.0	15.0	14.0
DN20	38.0	¾"	24.0	55.0	38.0	20.0	38.0	33.0	34.0	99.0	16.0	14.0
DN25	46.0	1"	29.0	64.0	46.0	21.0	46.0	41.0	41.0	118.0	19.0	18.0
DN32	59.0	1 ¼"	32.0	77.0	59.0	26.0	59.0	49.0	57.0	144.0	19.0	19.0
DN40	65.0	1 ½"	35.0	86.0	65.0	26.0	65.0	55.0	65.0	158.0	20.0	21.0
DN50	80.0	2"	43.0	95.0	80.0	31.0	80.0	67.0	88.0	195.0	25.0	22.0

Material specification

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

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)
¼" to 2"	17.5	- 10°C + 93°C	26.3	19.3	253.8	14°F + 199.4°F	381.5	279.5



Pressure equipment directive category

All sizes classified SEP

Pressure & temperature ratings

