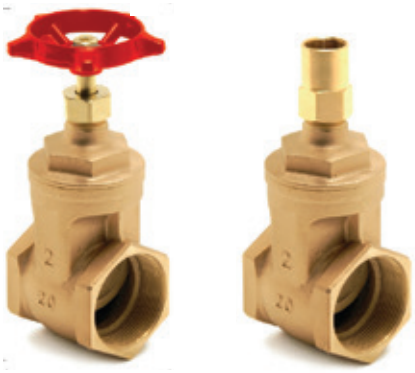
10751/10751LS Gate valve (2 x female thread)

steam water oil

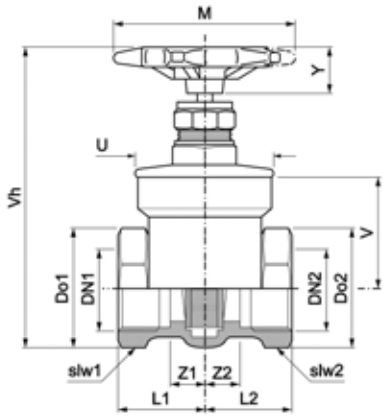


specification

- BS5154 PN20 series B
- non-rising stem
- high quality lubricated packing
- ½" to 3" sizes
- solid gunmetal wedge
- can be re-packed under pressure
- bronze (gunmetal) body
- ISO7-1Rc taper thread BS EN 10226
- ANSI (NPT) American taper thread (AT)
- BS2779 parallel thread (PT)
- BS21 taper thread
- all sizes PN20

DN	Connection	ISO7-1 Rc (taper)	ISO7-1Rc (Lockshield -Taper)	ISO 288 (PT)*	ISO 228 (PT) LS*	Total (kg)	Cv	Kv
DN15	½"	101050	101060	101070	101078	0.26	16.4	14.0
DN20	¾"	101051	101061	101071	101079	0.35	37.4	32.0
DN25	1"	101052	101062	101072	101080	0.52	66.7	57.0
DN32	1 ¼"	101053	101063	101073	101081	0.77	105.3	90.0
DN40	1 ½"	101054	101064	101074	101082	1.07	150.9	129.0
DN50	2"	101055	101065	101075	101083	1.62	269.1	230.0
DN65	2 ½"	101056		101076		3.00	500.8	428.0
DN80	3"	101057		101077		4.82	759.6	680.0

*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.



Dimensions (mm)

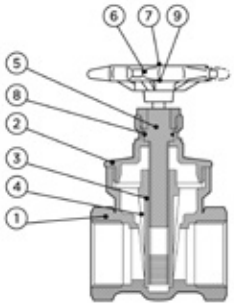
	Do1/D02	DN1/DN2	L1/L2	M	slw1/ slw3	slw2	U	V	Vh	Y	Z1/Z2
DN15	27.0	½"	22.0	53.0	27.0	15.0	32.0	58.0	53.0	12.0	10.0
DN20	32.0	¾"	25.0	53.0	32.0	17.0	38.0	72.0	53.0	12.0	11.0
DN25	40.0	1"	27.0	65.0	40.0	20.0	43.0	81.0	65.0	16.0	12.0
DN32	50.0	1 ¼"	31.0	71.0	50.0	24.0	50.0	92.0	71.0	16.0	14.0
DN40	56.0	1 ½"	33.0	89.0	56.0	28.0	56.0	106.0	89.0	20.0	15.0
DN50	68.0	2"	38.0	89.0	68.0	34.0	70.0	122.0	89.0	22.0	17.0
DN65	96.0	2 ½"	44.0	122.0	83.0	42.0	95.0	137.0	253.0	20.0	31.0
DN80	115.0	3"	53.0	136.0	100.0	50.0	111.0	156.0	298.0	20.0	34.0

Material specification

Nr	Component	Material
1	Body	Bronze (Gunmetal)
2	Bonnet	Bronze (Gunmetal))
3	Stem	Brass bar
4	Wedge	Bronze (Gunmetal))
5	Gland nut	Brass bar (½" to 1") Forged brass (1 ¼" to 3")
6	Handwheel	Aluminium
7	Handwheel nut	Brass bar
8	Gland ring	Brass bar
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)
½" to 3"	20.0	- 10°C + 180°C	30.0	22.0	290.1	14°F + 356°F	435.1	319.1



Pressure equipment directive category

All sizes classified SEP

Pressure & temperature ratings

