10638 Swing check valve (2 x female thread)

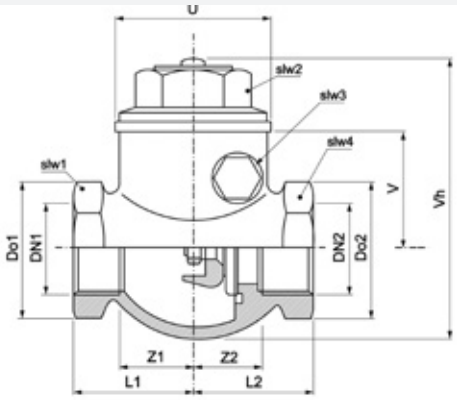
water oil



specification

- BS5154 PN20 series B
- horizontal or vertical fixing (upward flow only)
- metal seat and swing type metal disc
- body arrow indicates direction of flow
- bronze (gunmatel) body
- taper threaded BS EN 10226 (ISO 7-1)
- ANSI (NPT) American taper thread (AT)
- BS2779 parallel thread (PT)

DN	Connection	ISO7-1 Rc (taper)	ISO 288 (PT) parallel	Total (kg)	Cv	Kv
DN15	½"	122360	122370	0.25	9.98	8.53
DN20	¾"	122361	122371	0.40	18.19	15.55
DN25	1"	122362	122372	0.60	30.74	26.27
DN32	1 ¼"	122363	122373	0.87	54.39	46.49
DN40	1 ½"	122364	122374	1.16	75.78	64.77
DN50	2"	122365	122375	1.80	131.32	112.24



Dimensions (mm)

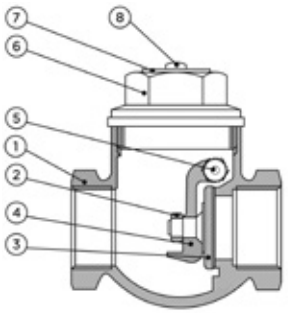
	Do1/Do2	DN1/DN2	L1/L2	slw1/slw3	slw2	U	V	Vh	Z1/Z2
DN15	32.0	½"	29.0	28.0	23.0	31.0	37.0	53.0	20.0
DN20	40.0	¾"	33.0	35.0	30.0	38.0	43.0	63.0	24.0
DN25	50.0	1"	38.0	43.0	35.0	41.0	49.0	74.0	27.0
DN32	60.0	1 ¼"	44.0	52.0	42.0	51.0	58.0	88.0	32.0
DN40	67.0	1 ½"	48.0	58.0	48.0	58.0	63.0	96.0	33.0
DN50	82.0	2"	56.0	71.0	58.0	73.0	72.0	113.0	41.0

Material specification

Nr	Component	Material
1	Body	Bronze Gunmetal)
2	Hinge nut	Brass CW614N
3	Disc	Bronze (Gunmetal) CC491K
4	Hinge	Brass CW617N
5	Hinge pin	Stainless steel
6	Cap	Bronze (Gunmetal) CC491K
7	Name plate	Aluminium
8	Rivet	Steel

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 2"	20.0	- 10°C + 180°C	30.0	22.0	290.1	14°F + 356°F	435.1	318.1



Pressure equipment directive category

All sizes classified SEP

Pressure & temperature ratings

