

1060A Threaded bronze swing type check valve

BS 5154 PN25 series B, metal disk, BS 21 taper thread.

SIZES

EN 10226 taper thread

Range	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Order code	122007	122008	122009	122010	122011	122012	122013	122014	122015

DIMENSIONS (mm)

A	62	76	83	94	105	125	148	175	222
B	45	55	60	65	75	90	110	125	130
Weight kg	0.38	0.58	0.86	1.26	1.66	2.66	4.80	6.79	13.07

FLOW RATES m³/h

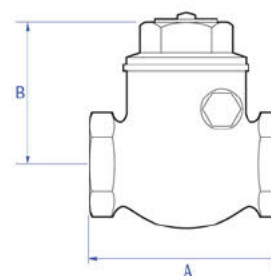
l/s	Kv								
0.01	-	-	7.70	-	-	-	-	-	-
0.04	1.80	2.70	-	-	-	-	-	-	-
0.10	3.70	5.50	-	-	-	-	-	-	-
0.20	5.10	-	13.90	15.00	-	-	-	-	-
0.30	-	-	18.40	20.60	-	-	-	-	-
0.40	5.70	13.60	-	25.30	30.30	-	-	-	-
0.60	-	-	-	-	40.20	42.00	-	-	-
0.80	-	-	-	-	48.50	54.00	-	-	-
1.00	-	15.30	25.30	32.60	-	-	-	-	-
1.50	-	-	-	-	-	86.20	97.60	-	-
2.00	-	-	-	-	-	-	-	144.60	-
3.00	-	-	-	-	54.40	-	135.30	168.40	-
4.00	-	-	-	-	-	98.00	156.00	-	-
5.00	-	-	-	-	-	-	-	229.00	-

VALVE SUITABILITY

Steam	Water	Oil	Air	Gas Inert	Gas Combustible	Gas Corrosive	Gas Oxygen
✓	✓	✓	✗	✗	✗	✗	✗

MATERIAL SPECIFICATION

COMPONENT	MATERIAL
Body	Gunmetal
Cap	Forged brass (1/4" to 2") Gunmetal (2 1/2" to 4")
Valve	Gunmetal
Swinger	Brass bar (1/4" to 1") Gunmetal (1 1/4" to 4")
Swinger pin	Brass bar
Swinger pin cap	Brass bar (2 1/2" to 4")
Nut	Brass bar
Rating disc	Tinned iron sheet



PRESSURE AND TEMPERATURE RATINGS

Size	Max. working pressure (bar)		Test pressure (bar)	
	Temp up to 100°C	Temp up to 186°C	Shell	Seat
1/2" to 2"	25bar	10.5bar	37.5	27.5

Size	Max. working pressure (psi)		Test pressure (psi)	
	Temp up to 212°F	Temp up to 367°F	Shell	Seat
1/2" to 2"	362.6psi	152.3psi	543.9	398.9

Size	Max. working pressure (bar)		Test pressure (bar)	
	Temp up to 110°C	Temp up to 140°C	Shell	Seat
2 1/2" to 4"	16bar	10bar	24	17.5

Size	Max. working pressure (psi)		Test pressure (psi)	
	Temp up to 230°F	Temp up to 284°F	Shell	Seat
2 1/2" to 4"	232.1psi	145psi	348.1	253.8

Temperature range -10°C - +186°C (non shock).

Also available as ISO 228 (BS2779) parallel thread and ANSI (NPT) American taper thread.