

A802... Swing Check Valve Series



**Swing Check valve
A802...Series
Threaded/Flanged Connection
PN16,PN25**

Performance & Features:

Swing check valves, also referred to as one-way valves or non-return valves, are a type of check valve. The valve disc of a swing check valve opens under the thrust of water flow and closes rapidly by the pressure of backflow when the fluid reverses. It functions to prevent medium backflow in pipelines. The opening and closing element opens and closes automatically relying on the flow force of the conveyed medium to effectively avoid reverse flow.

- ◆ Nominal diameter: DN15...DN50 (Thread connection)/DN15-DN600 (Flange connection);
- ◆ Low fluid resistance, with the sealing surface less susceptible to scouring and erosion by the medium.
- ◆ Flexible operation, simple configuration, short structural length, favorable manufacturability and wide scope of application.
- ◆ Install strictly in the direction indicated by the flow arrow on the valve body.

Applications:

Check valves are installed at the pump outlets of water supply and drainage, hot and cold water, water treatment, primary and secondary hot water supply pipeline systems in general buildings, apartments, office buildings, commercial complexes, data centers, factories and other projects, to prevent medium backflow in pipelines caused by pump shutdown.

Model Designation:

For example: A8021-25-16T

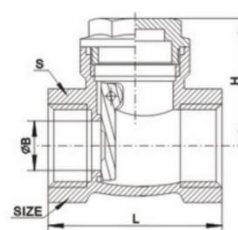
1. "A80": Check Valve Series;
2. "2": Swing Check Valve;
3. "1": Threaded Connection; "3": Flanged Connection;
4. "-25": Nominal Diameter DN25;
5. "-": separator;
6. "-25/16": Nominal Pressure PN25/PN16;
7. "T": Brass, "B": Bronze, "C": Cast steel, "P": Stainless Steel, "Q": Ductile Iron;

Technical Specification:

PN (Nominal Pressure)	PN16, PN25
Connection standard	Threaded connection ISO228/1 (or EN10226)
Working Temperature	-20°C~150°C
Body	Brass/ Stainless Steel /Bronze/ Ductile Iron
Bonnet	Same as Body
Seal	PTFE/EPDM

Dimension Table:

Swing Check Valve
A8021 Series

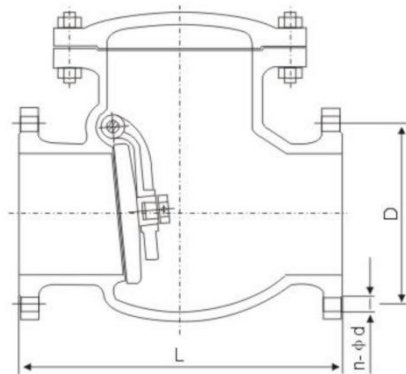


Model	DN	G	L	H
A8021-15-16T/B	15	1/2"	47	31
A8021-20-16T/B	20	3/4"	52	35
A8021-25-16T/B	25	1"	64	41
A8021-32-16T/B	32	1 1/4"	70	48
A8021-40-16T/B	40	1 1/2"	80	54
A8021-50-16T/B	50	2"	93	63

Model	DN	G	L	H
A8021-15-16C/P	15	1/2"	63	48
A8021-20-16C/P	20	3/4"	73	52
A8021-25-16C/P	25	1"	84	58
A8021-32-16C/P	32	1 1/4"	103	70
A8021-40-16C/P	40	1 1/2"	114	76
A8021-50-16C/P	50	2"	133	82

Swing Check Valve

A8023-...-16C/P



DN (mm)	L		PN16MPa		PN25MPa	
	铸钢	不锈钢	D	n-φ d	D	n-φ d
15	130	130	65	4-φ 14	65	4-φ 14
20	150	150	75	4-φ 14	75	4-φ 14
25	160	160	85	4-φ 14	85	4-φ 14
32	180	180	100	4-φ 18	100	4-φ 18
40	200	200	110	4-φ 18	110	4-φ 18
50	230	230	125	4-φ 18	125	4-φ 18
65	290	290	145	4-φ 18	145	8-φ 18
80	310	310	160	8-φ 18	160	8-φ 18
100	350	350	180	8-φ 18	190	8-φ 22
125	400	400	210	8-φ 18	220	8-φ 26
150	480	480	240	8-φ 22	250	8-φ 26
200	600	550	295	12-φ 22	310	12-φ 26
250	730	650	355	12-φ 26	370	12-φ 30
300	850	750	410	12-φ 26	430	16-φ 30
350	980		470	16-φ 26	490	16-φ 36
400	1100		525	16-φ 30	550	16-φ 36
450	1200		585	20-φ 30	600	20-φ 36
500	1250		650	20-φ 33	660	20-φ 36
600	1450		770	20-φ 36	770	20-φ 39