

A8063-... Ball Check Valve Series



**Ball Check Valve
A8063...Series
Flanged Connection
PN10, PN16, PN25**

Performance & Features:

Check valves, also known as one-way valves or non-return valves, are designed to prevent medium backflow in pipelines. The opening and closing element opens and closes automatically by the force of medium flow, so as to avoid fluid back flow. Ball check valves are widely used in drainage systems. With a sphere serving as the non-return component, it effectively prevents dirt and contaminants from attaching onto the sealing surface, thus ensuring tight closure.

- ◆ Nominal diameter: DN50...DN300 (For other sizes, please contact the ZIGTOO representative).
- ◆ Low fluid resistance, minimizing medium scouring and erosion on the sealing surface.
- ◆ Flexible operation, simple configuration, favorable manufacturability and wide scope of application.
- ◆ Installation in accordance with the flow direction marked 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:

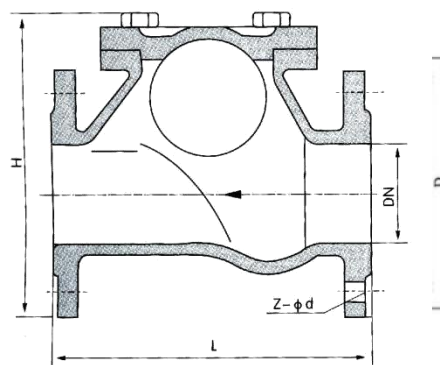
For example: A8063-100-16Q

1. "A80": Check Valve;
2. "6": Ball Check valve ;
3. "3": Flanged Connection;
4. "-100": Nominal Diameter DN100;
5. "-" separator;
6. "-25/16/10": Nominal Pressure PN25/PN16/10;
7. "Q": Ductile Iron, C: Cast Steel;

Technical Specification:

PN (Nominal Pressure)	PN10, PN16, PN25
Connection Standard	Flanged Connection EN1092-2
Working Temperature	-15°C~130°C
Body, Bonnet	Ductile Iron QT 450-10; Cast steel (WCB)
Internal Ball	Cast Iron or Cast Aluminum
External Ball Seal	EPDM
Bolt	Stainless Steel

Dimension and Kvs Value Table:



DN	PN16		PN25		L mm	D mm	H mm	Kvs (m³/h)
	Bolt hole diameter	D/mm	Bolt hole diameter	D/mm				
50	4-19	165	4-19	165	180	165	185	38
65	4-19	185	8-19	185	200	185	210	62
80	8-19	200	8-19	200	260	200	245	88
100	8-19	220	8-23	235	300	220	280	161
125	8-19	250	8-28	270	350	250	335	251
150	8-23	285	8-28	300	400	285	400	360
200	12-23	340	12-28	360	500	340	495	624
250	12-28	405	12-31	425	600	405	600	1020
300	12-28	460	16-31	485	700	460	715	1475