

A8043-... Rubber Disc Check Valve Series



**Rubber Disc Check Valve
A8043...Series
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 backflow.

- ◆ Nominal diameter: DN50...DN500 (For other sizes, please contact the ZIGTOO representative).
- ◆ Low fluid resistance, minimizing medium scouring and erosion on the sealing surface.
- ◆ Flexible operation, simple configuration, short structural length, 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:

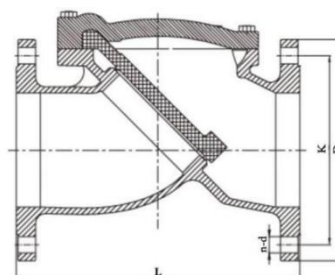
For example: A8043-100-16Q

1. "A80": Check Valve;
2. "4": Rubber Disc 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, "P": Stainless 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)
Seal	EPDM
Bolt	Stainless Steel

Dimension and Kvs Value Table:



DN	PN16		PN25		L mm	D mm	K mm	Kvs(m³/h)
	Bolt hole diameter	D/mm	Bolt hole diameter	D/mm				
50	4-19	165	4-19	165	203	165	125	40
65	4-19	185	8-19	185	216	185	145	65
80	8-19	200	8-19	200	265	200	168	93
100	8-19	220	8-23	235	315	220	180	170
125	8-19	250	8-28	270	330	250	210	265
150	8-23	285	8-28	300	356	285	240	380
200	12-23	340	12-28	360	615	340	295	658
250	12-28	405	12-31	425	622	405	355	1076
300	12-28	460	16-31	485	698	460	410	1556
350	16-28	520	16-34	555	787	520	470	1890
400	16-31	580	16-37	620	914	580	525	2513
450	20-31	640	20-37	670	978	640	585	3223
500	20-34	715	20-37	730	1295	715	650	4021