

A8053-... Wafer Double Disc Check Valve Series



Wafer Double Disc Check Valve
A8053...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 backflow.

- ◆ Nominal diameter: DN40...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:

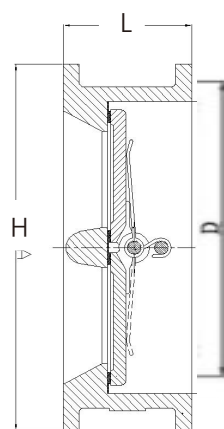
For example: A8053-100-16Q

1. "A80": Check Valve;
2. "5": Wafer Double 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	Ductile Iron QT 450-10	
	Cast steel WCB	
	Stainless Steel CF8	
Spring, Stem	Stainless Steel	
Seal	EPDM	
Disc	Ductile Iron Coated or Stainless Steel, etc	

Dimension and Kvs Value Table:



DN	H mm	L mm	D mm	Kvs (m³/h)
50	107	43	65	28
65	127	46	81	34
80	142	64	95	63
100	162	64	117	96
125	192	70	145	178
150	218	76	170	265
200	273	89	227	586
250	329	114	266	870
300	384	114	312	1190