

Wafer Double Door Check Valve
Size DN50-DN600 PN16/Class125
5306

Specifications

- The short face to face dimension and compact design of this valve allow installation and service in tight spaces.
- Spring assisted for better dynamic behaviour.
- Soft sealed for perfect tightness even at low differential pressure.
- Available with flanges EN1092-2 PN10 or PN16, ANSI B16.1 Class125 (Other types available on request).
- WRAS approved:
Fig. 5306 DN50-DN600,
CI body, EPDM seat for potable water

Working Pressure

- 16 bar.

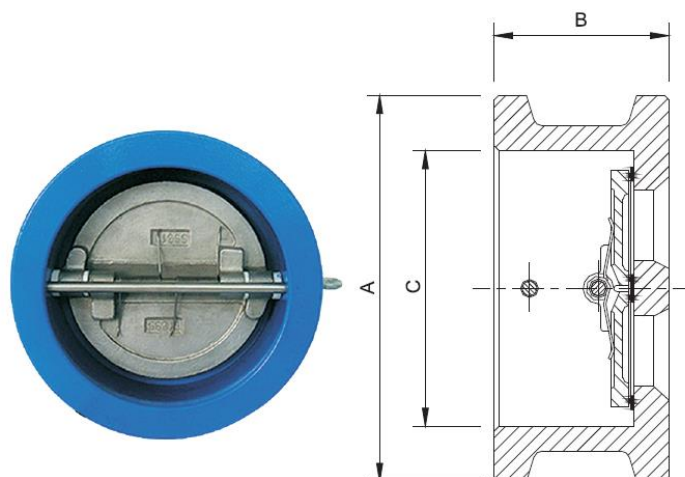
Working Temperature

- -10°C to 120°C for EPDM seat.
- -10°C to 82°C for NBR seat.
- -10°C to 150°C for Viton seat.

Material Specifications

Part Name	Material	EN Spec.	ASTM Spec.
Body	Cast Iron	EN-JL 1040	ASTM A126 Class B
Disc	Stainless Steel	BS970 304S15	A351 CF8
Seat	EPDM/NBR/Viton	Commercial	Commercial
Hinge Pin	Stainless Steel	BS970 420S37	AISI 420
Stop Pin	Stainless Steel	BS970 420S37	AISI 420
Pin Retainer	Stainless Steel	BS970 304S15	AISI 304
Spring	Stainless Steel	BS970 304S15	AISI 304
Washer	PTFE	Commercial	Commercial
Gasket	EPDM/NBR/Viton	Commercial	Commercial

Schematic



Corrosion Protection

- Internally and externally liquid epoxy painted or fusion bonded epoxy powder coated (FBE).

Notes:

Design and material are subject to change without notice.

Dimensions (mm)

Size	A			B	C	Weight (kg)
	Table D/E/ Flange	ANSI 125# Flange	EN1092-2 PN16 Flange			
DN50	96	102	106	54	66	1.8
DN65	109	121	126	54	78	2.4
DN80	126	134	141	57	90	3.2
DN100	158	172	161	64	115	4.8
DN125	190	194	191	70	141	7.3
DN150	210	220	217	76	170	10
DN200	267	277	272	95	210	14.2
DN250	331	337	327	108	273	23.6
DN300	379	407	382	143	324	37.5
DN350	445	447	442	184	356	62
DN400	493	511	494	191	406	74
DN450	559	546	554	203	457	100
DN500	616	602	616	213	508	155
DN600	723	715	733	222	600	215