

Check valves

Wafer Silent type Ductile Iron PN16/PN25/Class 125/150

REEP brand RCV020/021 model wafer silent check valve has a spring-loaded poppet that allows the valve to close before flow reversal occurs, resulting in a silent, non-slam closure. It is a truly silent check valve. For ease of installation, the valve can be installed in vertical or horizontal positions with flow up or flow down. The short lay length of the valve according to MSS SP-125 allows for a space-saving design. The flow area through the body shall be equal to or greater than the cross-section area of the equivalent pipe size. Both resilient seated and metal seated designs are available.

WRAS and NSF certified coating & rubber are available upon request.

Material Specification

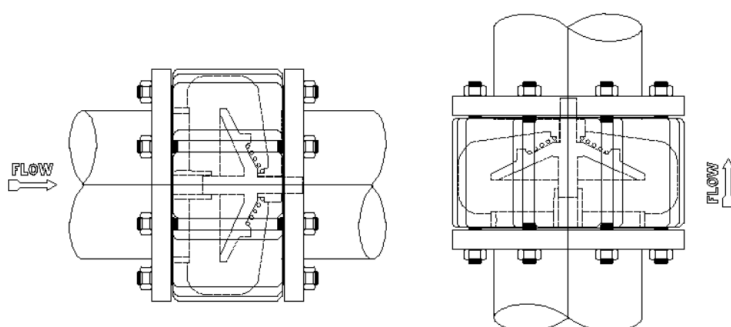
Component	Material	EN and/or (ASTM)
Body	DI	400-15(65-45-12)
Disc & seat	St.St	CF8/CF8M
Disc & seat	AL-BZ	C95400/C95800
Resilient seat ring(RCV020)	EPDM/NBR	
Spring	St.St	SS316

Pressure and temperature range

Size	water	water
DN50 thru DN 350	25 bar – 120 °C /EPDM	25 bar – 80 °C /NBR

Ordering information

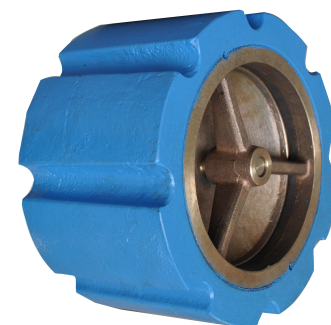
Ordering code	DN [mm]	Pressure rating	Flange drilling	Type
RCV020	50 - 350	PN 16/25/150#	PN 16/25/A150	Resilient seated
RCV021	50 - 300	PN 16/25/150#	PN 16/25/A150	Metal seated



Dimensions

DN	PN	D	H
[mm]			[mm]
50	25	108	67
65	25	127	73
80	25	150	80
100	25	167	102
125	25	213	118
150	25	248	140
200	25	340	165
250	25	410	210
300	25	415	286
350	25	478	350

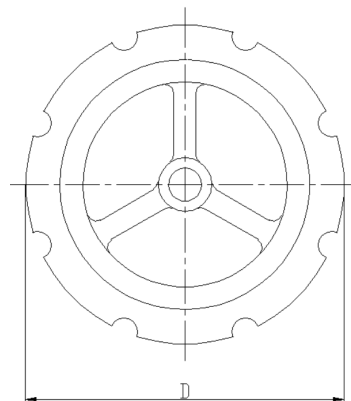
REEP



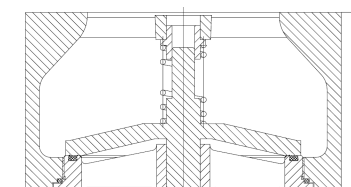
• Fig. RCV020(Resilient
RCV021(Metal seated)

- DN 50 - 350
- Pressure rating PN 16 - 25
- Max. 120 °C
- Short Lay Length to MSS SP-125
- Custom made available

- Zero leakage for Resilient seat
- Watertight/Tear-drop for Metal seat
- Double guided concave disc & Heavy duty spring.
- Suitable for horizontally & Vertically
- Field replaceable parts
- Drinking water quality level



RCV021 Metal seat



RCV020 Resilient seat