

Check valves

Wafer Double Door type

Ductile Iron PN16/PN25/Class150

REEP brand RCV010/015 model DIN3202/API594 standard wafer type double door check valves with various material disc, rubber sealing by EPDM/NBR/FKM, pressure rating PN16/25/150psi, suitable for mounting between flanges accd. to DIN PN16/25/ANSI150, short Face To Face, low weight and low pressure loss. Suitable for horizontal and vertical (upward flow) installation.

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

Material Specification

Component	Material	EN and/or (DIN/ASTM)
Body	Ductile Iron	400-15 (GGG40/65-45-12)
Disc	Ductile Iron	400-15 (GGG40/65-45-12)
Disc	Stainless Steel	CF8/CF8M/4A/5A
Disc	Aluminium Bronze	C95400/C95800
Liner	EPDM/NBR/FKM	
Stem	Stainless Steel	A276 SS304/316
O-ring	EPDM/NBR/FKM	

Pressure and temperature range

Size	Liner	Pressure rating	Temperature range	Max. operating	
DN40-DN900	NBR or EPDM	PN 16/150PSI	NBR -10°/+80 °C, EPDM -10°/+120 °C	16	[bar]
DN40-DN300	NBR or EPDM	PN 25	NBR -10°/+80 °C, EPDM -10°/+120 °C	25	[bar]
DN40-DN600	FKM	PN 16/150PSI	-10°/+180 °C	16	[bar]

Ordering information

Ordering code	DN [mm]	Pressure rating	Flange drilling	Type
RCV010	40 - 900	PN 16/25	PN 16/25	DIN3202 F-F
RCV015	50 - 900	150PSI	ANSI150	API594 F-F

Dimensions

DN	L [mm]	
[mm]	RCV010	RCV015
40	43	--
50	43	54
65	46	60
80	64	67
100	64	67
125	70	83
150	76	95
200	89	127
250	114	140
300	114	181
350	127	184
400	140	191
450	152	203
500	152	213
600	178	222
700	229	305
800	241	305
900	241	368

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• Fig. RCV010(DIN3202)
RCV015(API594)

- DN 40 - 900
- Pressure rating PN 16 - 25 -Class150
- Max. 120 °C
- Face To Face
RCV010-EN 558-1, 16 (DIN 3202-K3)
RCV015-API594
- Various Material available
- Custom made available

