

Check valves

BS/MSS Swing type

Ductile Iron PN16/Class150

REEP brand RCV040/041 model EN 12334 (BS 5153) & MSS SP-71 standard swing type check valves, pressure rating PN16/150psi, suitable for mounting between flanges acc. to PN16/ANSI150, Face To Face to ASME B16.10, low pressure loss. Suitable for horizontal and vertical (upward flow) installation. 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 (DIN/ASTM)
Body	Ductile Iron	400-15(GGG40/65-45-12)
Cover	Ductile Iron	400-15(GGG40/65-45-12)
Disc	Ductile Iron	400-15(GGG40/65-45-12)
Hinge pin	Stainless Steel	A276 SS410
Disc seal	EPDM	

Pressure and temperature range

Size	Liner	Pressure rating	Temperature range	Max. operating	
DN50-DN600	EPDM	PN 16	-10°/+120 °C	16	[bar]
DN50-DN600	SST	PN 16	-10°/+120 °C	16	[bar]

Ordering information

Ordering code	DN [mm]	Pressure rating	Flange drilling	Type
RCV040A	50 - 600	PN 16	PN 16	Resilient seated
RCV040B	50 - 600	150PSI	ANSI150	Resilient seated
RCV041A	50 - 600	PN 16	PN 16	Metal seated
RCV041B	50 - 600	150PSI	ANSI150	Metal seated

Dimensions

DN	L
[mm]	[mm]
50	203
65	216
80	241
100	292
125	330
150	356
200	495
250	622
300	699
350	787
400	914
450	914
500	1016
600	1219

REEP



• Fig. RCV040(Resilient seated)
RCV041(Metal seated)

- DN 50 - 600
- Pressure rating PN 16 -Class150
- Max. 120 °C
- F-F to ASME B 16.10
- MSS SP-71 type 1
- Full bore,bolted bonnet
- Custom made available

