

# RECOIL CHECK VALVE

DN100-DN1000

MODEL NUMBER: RCV



Temp. Range[°c]	Flange Drilling	Design Standard	Testing
-10°C to +70°C	EN1092-2 PN16	Manufacturers Standard	EN12266-1

## Application

- Designed for heavy duty pumping and distribution of water or sewage with flow rates up to 5m/s.

## Features

- Single door, fast acting
- Non-slam characteristics
- Low angle of closure

## Options

- PN25
- Bypass assemblies
- Extra heavy door
- Multi-Door design also available

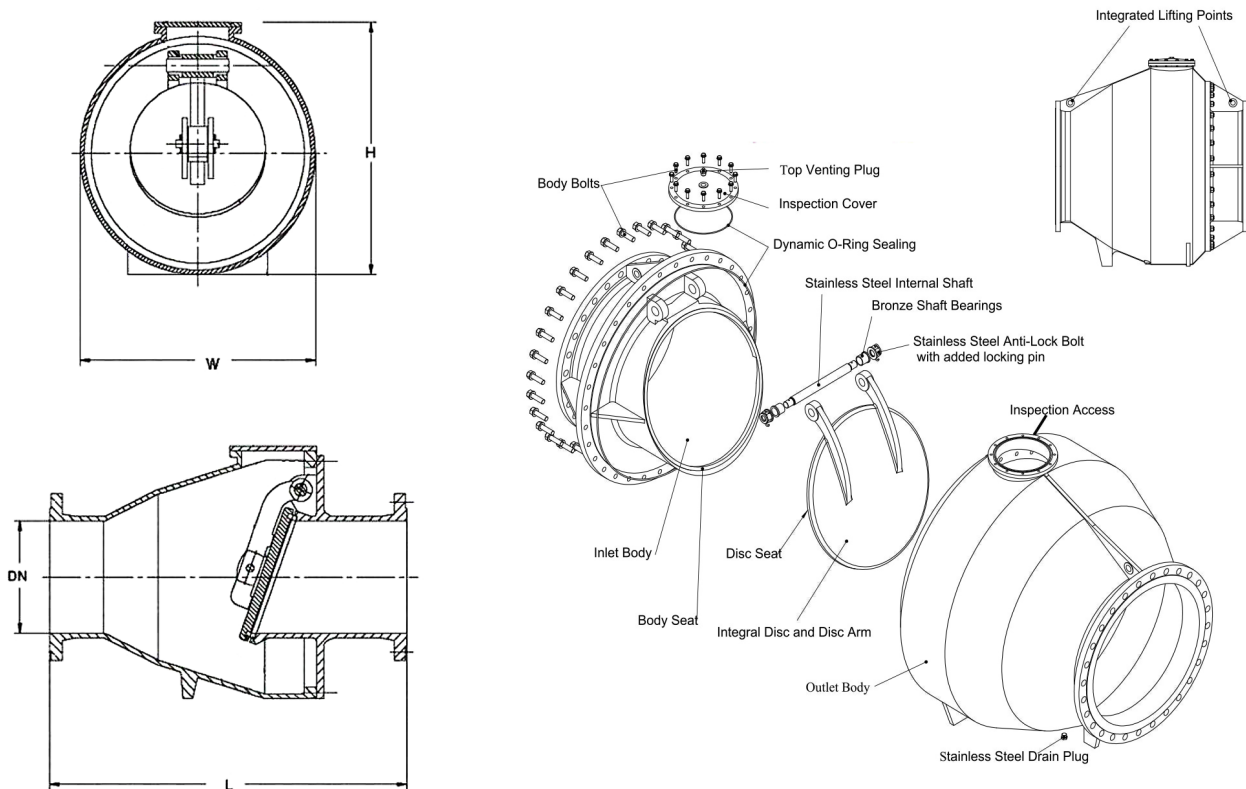


## Accessories

- Monitor switch

## Materials

No.	Part Name	Material	Standard
1	Body-Inlet & Outlet	Ductile Iron	BS2789-73 DIN 1693 - GGG50
2	Integrated Disc & Arm	Ductile Iron	BS2789-73 DIN 1693 - GGG50
3	Shaft	Stainless Steel	BS970 Grade SS 420
4	Body Seat	Aluminium Bronze	BS 1982 - Cu Al 8
5	Disc Seat	Aluminium Bronze	BS 1982 - Cu Al 8
6	Bearings	Bronze	BS1400 LG2 DIN 17705BS 1982
7	Inspection Cover	Ductile Iron	BS2789-73 DIN 1693 - GGG50
8	Locking Pin	Stainless Steel	BS970 Grade SS A4
9	O-Rings	EPDM or NBR	BS6920
10	Locking Bolts	Stainless Steel	BS970 Grade SS-A2
11	External Body Bolts	HTS Galvanised	BS 970 - HTS
12	Vent & Drain Plugs	Stainless Steel	BS970 Grade SS-A2 Min
13	Coating - Std.	F.B. Epoxy	250 microns DFT-WRAS approved



## Dimensions

DN	L	H	W	Flange Thickness	Approx Weight KG
100	460	325	290	24	63
150	610	470	430	26	140
200	755	560	520	30	218
250	965	600	556	32	298
300	1070	715	670	32	413
350	1145	880	832	36	533
400	1145	890	838	38	657
450	1220	1020	970	40	837
500	1320	1090	1040	44	1000
600	1450	1190	1130	48	1359
700	1580	1280	1210	54	1764
800	1680	1370	1300	43	2233
900	1800	1470	1390	47	2941
1000	1920	1570	1490	50	3697