

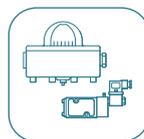
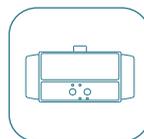
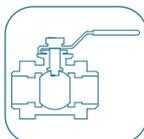
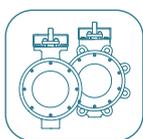
# Coreline

## Fig. 63M

### DUAL PLATE



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## General application

- Water supply systems as distribution and treatment
- Heating
- Shipbuilding
- Industrial processes

## Specifications

The Dual plate check valve Fig.63M is a soft seated, one-way directional valve that allows flow in one direction and prevents reverse flow by spring forced plates.

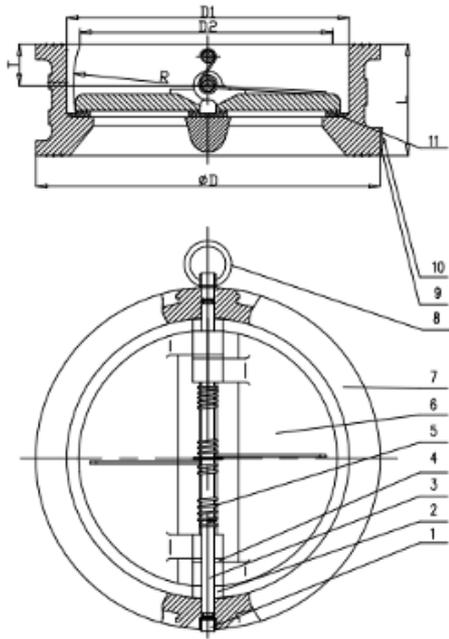
The dual plate check valve Fig.63M should be installed horizontally with the disc-shaft in vertical position

Connection:	Wafer
Nominal diameter:	DN50-DN400
Pressure rating:	16 bar for DN50 – DN400
Temperature range:	-35 Deg C - +130 Deg C (for EPDM seat)
Flange accommodation:	PN10, PN16, 150LB, JIS10K

### Standards

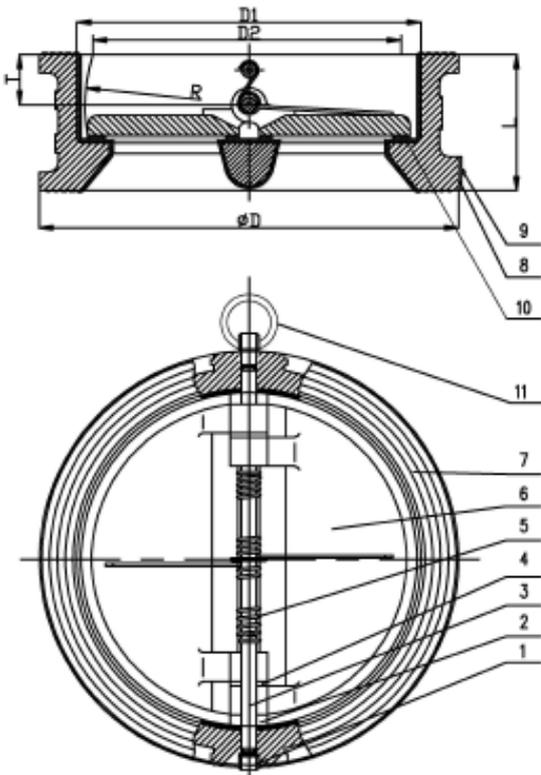
Design:	EN12334
Face to face:	ISO5752
Inspection and test:	EN12266-1
End standard:	EN1092-2 PN10/PN16

## Part list and material description



**Fig. 63M**

Item	Designation	Material
1	Plug	SS316
2	Washer	PTFE
3	Pin	SS316
4	Washer	PTFE
5	Spring	SS316
6	Plate	CF8M
7	Body	EN1563 EN-GJS-400-15
8	Eyebolt (>=DN200)	SS316
9	Nameplate	Stainless steel
10	Plate rivet	Stainless steel
11	Seat	EPDM



**Fig. 63M FR**

No.	Name	Material
11	Eyebolt	SS304
10	Liner	EPDM
9	Plate rivet	Stainless Steel
8	Trademark	Stainless Steel
7	Body	GGG40
6	Disc	CF8M
5	Spring	SS304
4	Washer	PTFE
3	Pin	SS316
2	Washer	PTFE
1	Plug	SS304

## Dimensions and Technical data

### Dimensions (mm) Flow coefficient and pressure loss

Size	Cv	Kv	D	D1	D2	L	R	T
DN50	63	54	106	65	45.56	43	29.7	18.5
DN65	81	70	126	78	60.1	46	36.1	21.5
DN80	185	160	141	94	66.3	64	43.4	28
DN100	363	314	161	117	97.2	64	55.6	27
DN125	576	498	191	145	122.4	70	68.1	30
DN150	968	837	217	170	144.4	76	78.6	31
DN200	2019	1747	272	222	198	89	104.4	33
DN250	3497	3025	327	265	233.7	114	128	50.5
DN300	5333	4613	382	310	283.2	114	148	43
DN350	6576	5689	442	360	332.9	127	172.4	45
DN400	9045	7824	494	410	380.8	140	197.4	52
DN450	11768	10180	554	450	419.9	152	217.8	57
DN500	16245	14053	616	505	476.3	152	241	58
DN600	24177	20914	733	624	576.6	178	297.4	73

- 1: The flow of water in US gallons per minute (gpm) at a differential pressure of 1lb/in<sup>2</sup>.  
 2: The flow of water in cubic meters per hour (m<sup>3</sup>/hr) at a differential pressure of 1 bar.



# Coreline

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### Coreline A/S

Prins Georgs Kvarter 1, 7000 Fredericia,  
Denmark. Phone: +45 92441690

Http: // [www.coreline.dk](http://www.coreline.dk)

E-mail : [mail@coreline.dk](mailto:mail@coreline.dk)