



KEYSTONE RUBBER DISC CHECK VALVE

FIGURE 87L

The F87L is a resilient seated double flange rubber disc check valve for reliable reverse flow protection in sewage/water applications



FEATURES

- Double flanged design.
- The flap is totally encapsulated in NBR rubber for superior sealing and corrosion resistance.
- The flap rises above the flowpath reducing wear and allows for a flushing action during operation.
- All iron components are coated in fusion bond epoxy resin.
- Top entry cover allows for easy access for cleaning and maintenance.
- Full flow design for less head loss, less debris accumulation and easy maintenance.
- Lower open pressure and excellent seal performance of low pressure.
- Simple construction with the flap the only moving part.
- 45° seat angle reduces flap travel, minimizing slamming and resultant pipe damaging water hammer.
- Accessories including limit switches and backflow actuator.

GENERAL APPLICATION

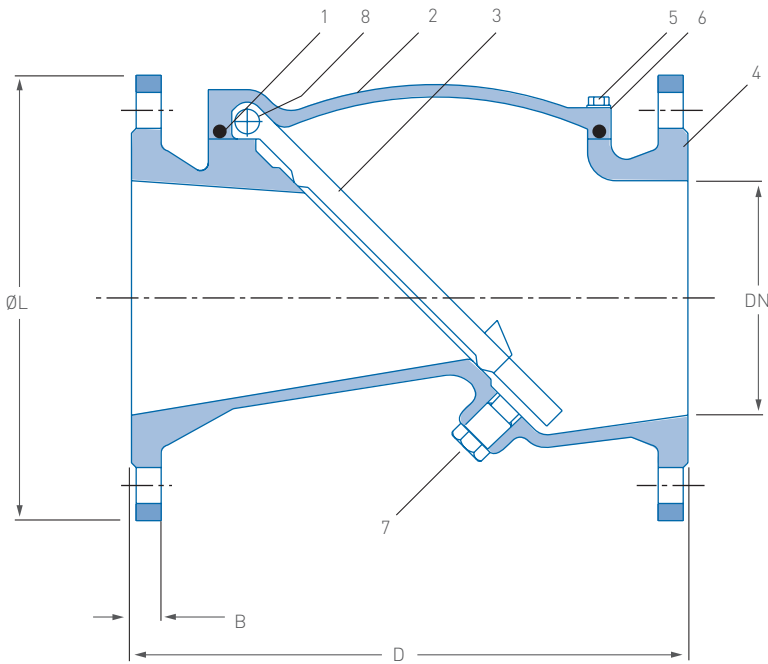
For general sewage/water distribution and pipeline service. Installed on the outlet of pump to prevent reverse flow.

TECHNICAL DATA

Size range: DN 50 - 600
Temperature rating: Minus 10°C to 80°C
Pressure rating: PN10, PN16
Suitable medium: Potable water/wastewater
End connections: AS 2129 C, D, E
PN10/PN16,
Consult factory for other types

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FIGURE 87L



DIMENSIONS (mm)

DN	ØL	D	B	Mass (kg)
PN10/PN16				
50	165	203	23	10
65	185	216	23	12
80	200	241	25	16
100	220	292	27	24
150	285	356	29	43
200	340	495	29	78
250	405	622	31	115
300	460	698	32	150
350	520	787	34	230
400	580	914	36	285
450*	640	914	36	370
500	715	978	38	405
600*	780	1100	41	633

* Consult factory

PARTS LIST

No	Description	Material	Standard
1	Seal ring	Rubber	NBR
2	Bonnet	Ductile Iron	ASTM A536
3	Rubber disc	DI encapsulated NBR	ASTM 536+NBR
4	Body	Ductile Iron	ASTM A536
5	Bolt	316 S/S	Commercial/AISI 316
6	Washer	316 S/S	Commercial/AISI 316
7	Plug	316 S/S	Commercial/AISI 316
8	Shaft	Steel	ASTM 1045

TYPICAL SPECIFYING SEQUENCE

100	F87L	301	AE
Valve size	Figure number	Trim code	End connections

TRIM CODE

No.	Body	Bonnet	Disc	Fasteners
301	Ductile Iron	Ductile Iron	Ductile Iron/NBR	Steel galvanised
302	Ductile Iron	Ductile Iron	Ductile Iron/NBR	AISI 316

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