

FM455 Wafer PN25

Ductile Iron Wafer Check valve

Check valves permit flow in one direction only, and close automatically if flow reverses. They are entirely automatic in operation, depending upon pressure and velocity of flow within the pipeline to perform their opening and closing functions.

The FM455 is a Double Door wafer pattern valve, spring loaded to assist closing, and with an EPDM seat for quiet operation.

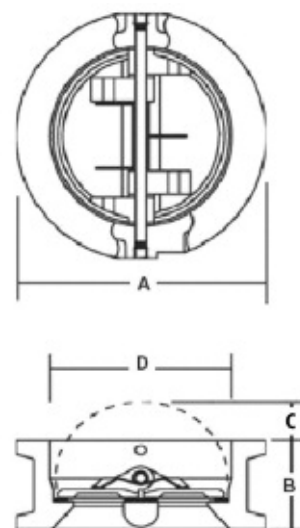
Materials

PART	MATERIAL
Body	Ductile Iron - BS EN 1561 EN-JL1030
Discs	Stainless Steel SS316
Shaft	Stainless Steel 10088-1 X10CrNi8-10
Stop Pin	Stainless Steel 10088-1 X10CrNi8-10
Seat	EPDM
Springs	Stainless Steel 10088-1 X10CrNi8-10



FM455

Dimensional Drawing



Dimensions and Weights

SIZE	WEIGHT (kg)	A (mm)	B (mm)	C (mm)	D (mm)
50	2.5	105	54	8	60
65	3.5	124	54	14	73
80	4.5	137	57	16	89
100	8.0	168	64	25	114
125	10.0	194	70	34	141
150	13.0	222	76	43	168
200	28.0	276	95	61	219
250	45.0	340	108	80	273
300	68.0	400	143	102	324

Pressure/Temperature Ratings

TEMPERATURE (°C)	-10 to 120
PRESSURE (BAR)	25

SPECIFICATION:

Face to Face dimensions conform to BS EN 558-1. Suitable for fitting between flanges conforming to BS EN 1092-2 PN25
Suitable for mounting in horizontal and vertical pipelines.

When installed in vertical pipelines the flow must be in an upward direction.

This valve is suitable for use on group 2 liquids only as defined by the pressure equipment directive and 97/23/EC.

Temperature operating range: -10 to 120°C.