

DUO CHECK VALVE CAST IRON SPRING RETURN DIN PN 16

Material cast iron EN-JL1040; DIN GG25

Pressure PN 16

TECHNICAL DESCRIPTION

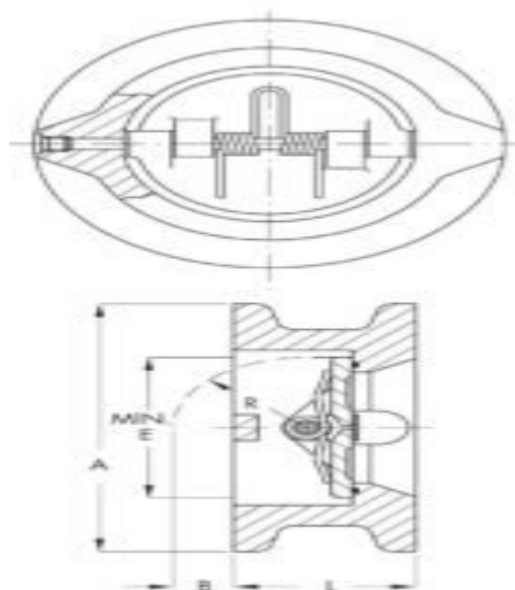
Duo check valves with stainless steel butterfly closure elements are commonly used in industrial installations where fluid flow is required in only one direction.

WORKING FLUID / MEDIUM

- Air, fuels, lubricating and hydraulic oils, petroleum.
- Boiler feed water, condensate.
- Sea water.

EXECUTION

- Different materials upon request.



No.	DETAILS	MATERIALS
1	Body	malleable cast iron EN-JS1030 (GGG40)
2	Seat	NBR rubber
3	Valve	aluminum bronze CC333G (AB2)
4	Spring	stainless steel AISI 316
5	Axle	stainless steel AISI 316

SPECIFICATION	
Standard	DIN
Connection	between flanges EN1092-2 / PN16
Execution	wafer
Maximum working pressure 10 (BAR) at °C	-10°C to +80°C
Maximum temp. [°C]	sealing ring NBR / 90 °C EPDM sealing ring / 130 °C

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DN	PN	Flanges/PN	A	B	E	L	R	kg	Kv
40	16	16	94	9.5	46	43	31	1.3	45
50	16	16	109	9.5	46	43	31	1.3	45
65	16	16	129	15.5	62	46	37	2.4	80
80	16	16	144	12.5	70	64	43	3.2	130
100	16	16	164	22	90	64	52	4.2	250
125	16	16	194	34	110	70	66	7	515
150	16	16	220	36.5	130	76	71	9	795
200	16	16	275	60	195	89	101	15	1460
250	16	16	330	73	245	114	126	27	2590
300	16	16	380	98	292	114	151	34	3500
350	16	16	440	110	340	127	172	53	4650
400	16	16	491	130	380	140	196	68	6300