

CHECK VALVE

Lift Type Check Valve Straight Form

MODEL **VDBC-16** REF **EFC-100** ISSUED **05 Jun 2026**

SPECIFICATIONS

Size	DN15–DN600
Pressure	PN10–PN40
End connection	flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1)
Face-to-face	EN 558 Serie 1, DIN 3202-F1

STANDARDS

Design	DIN 3356
Test	EN 12266



MATERIALS

body	grey cast iron, ductile iron, cast carbon steel, bronze, tin bronze, stainless steel	bonnet	grey cast iron, ductile iron, cast carbon steel, bronze, tin bronze, stainless steel
disc	grey cast iron, ductile iron, cast carbon steel, bronze, tin bronze, stainless steel	seat	brass, bronze, stainless steel
gasket	compressed fibre	spring	stainless steel

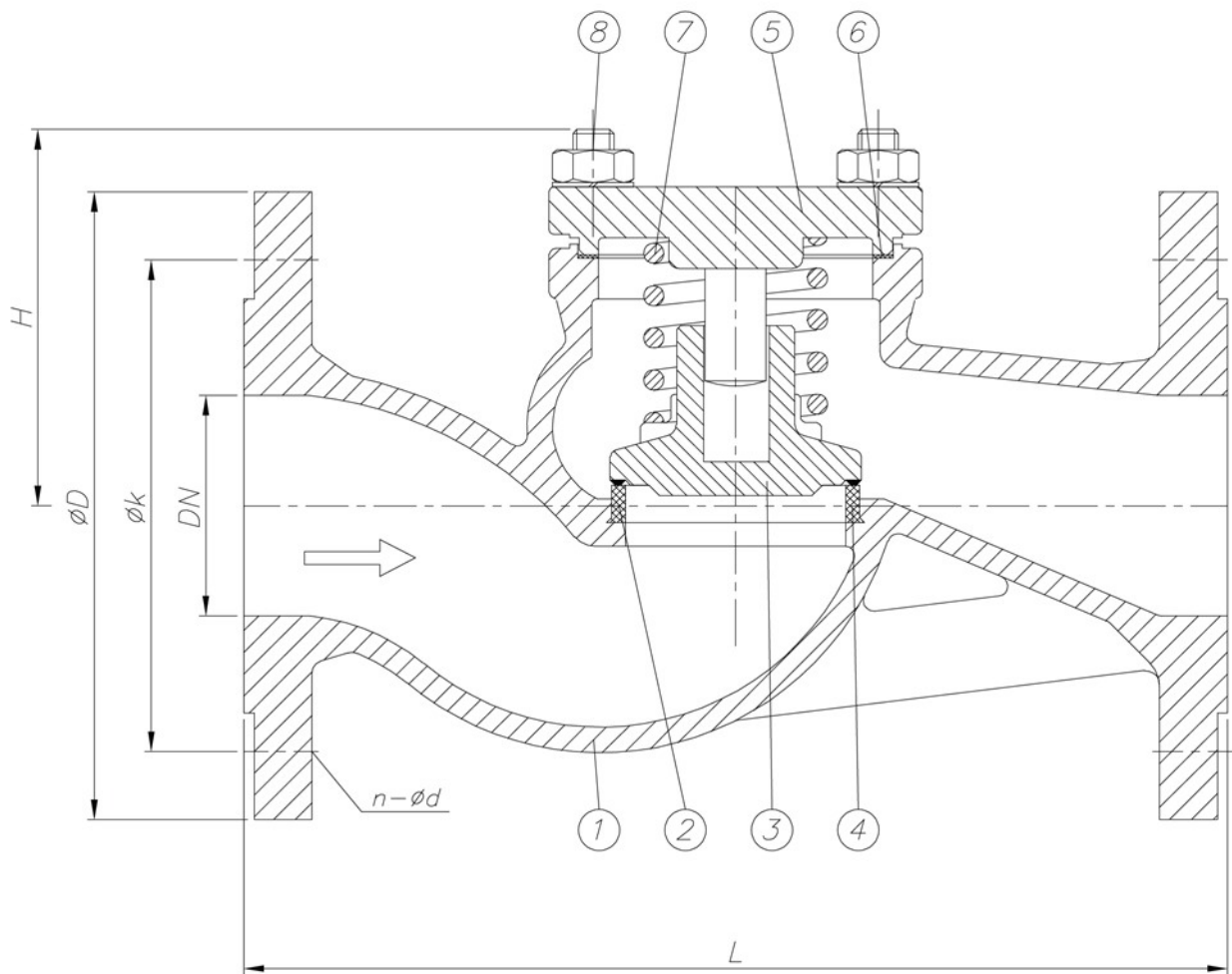
FEATURES

- Straight (axial) flow path with spring-loaded disc for reliable non-return operation
- Bolted bonnet construction allowing internal inspection and maintenance
- Wide selection of body, disc and seat materials to suit various media
- Gasket sealed bonnet joint using Klingerite compressed fibre
- Stud and nut fastening with options for galvanised steel or stainless steel grade A2

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SECTION Technical drawing REF EFC-100



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SECTION Dimensions per size REF EFC-100

SIZE	L	H	WEIGHT
DN15	130	75	3 kg
DN20	150	75	3.5 kg
DN25	160	85	4.5 kg
DN32	180	90	6.5 kg
DN40	200	95	9 kg
DN50	230	100	11.5 kg
DN65	290	130	16.5 kg
DN80	310	135	24 kg
DN100	350	170	34 kg
DN125	400	205	54 kg
DN150	480	225	76 kg
DN200	600	270	135 kg
DN250	730	290	260 kg
DN300	850	360	320 kg
DN350	980	370	370 kg

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Dimensions per size (continued) · EFC-100

SIZE	L	H	WEIGHT
DN400	1100	390	—
DN450	1200	400	—
DN500	1250	420	—
DN600	1450	450	—

All dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.