

CHECK VALVE

Nozzle (Silent) Check Valve

REF **EFC-99** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN40–DN500
Pressure	PN10–PN40
End connection	flanged (DIN EN 1092) / flanged (DIN EN 1092) / flanged (BS 4504)
Face-to-face	DIN EN 1092, BS 4504

STANDARDS

Test	EN 12266-A
------	-------------------



MATERIALS

body	grey cast iron, ductile iron, carbon steel, stainless steel	seat	brass, bronze, stainless steel
disc	grey cast iron, ductile iron, carbon steel, bronze, stainless steel	packing	elastomer, PTFE, bronze, stainless steel
stem	brass, stainless steel	spring	stainless steel
bushing	brass, bronze, PTFE		

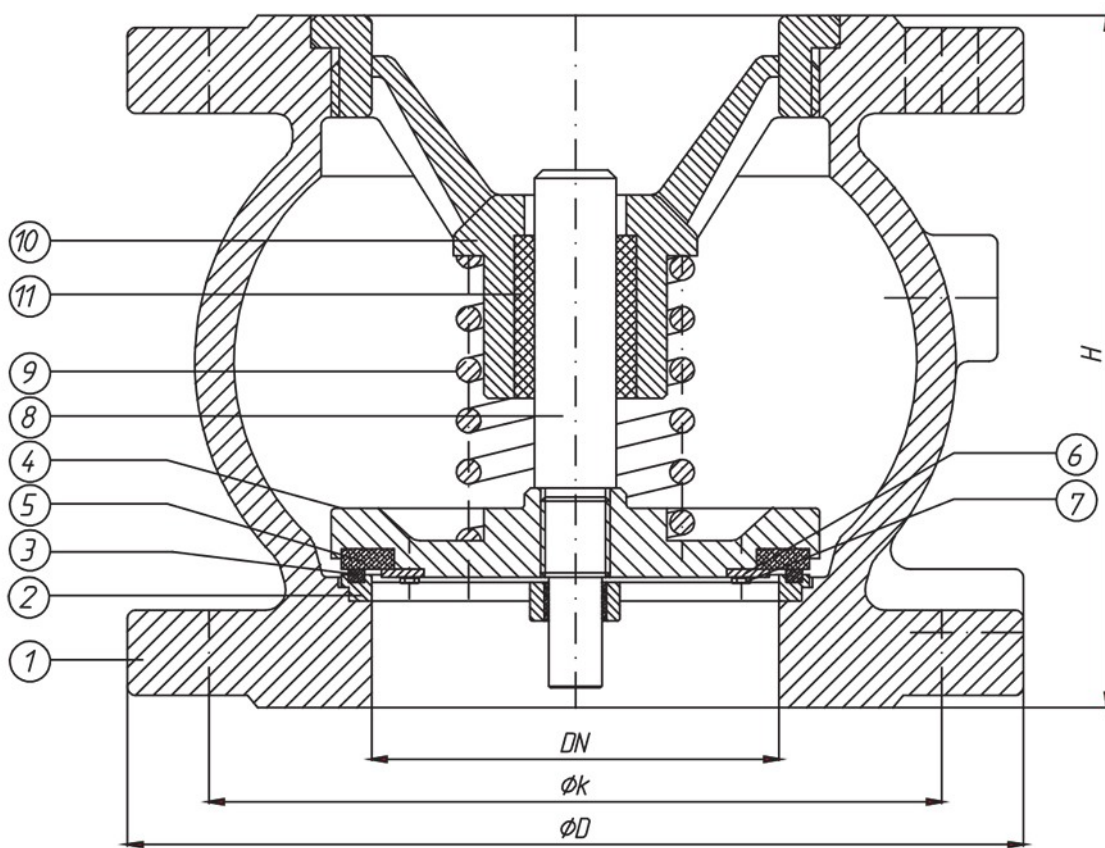
PRESSURE-TEMPERATURE RATING

CLASS	TEMPERATURE	MAX PRESSURE
PN10 disc test x1.1	°C	11 bar
PN10 body test x1.5	°C	15 bar
PN16 disc test x1.1	°C	18 bar
PN16 body test x1.5	°C	24 bar
PN25 disc test x1.1	°C	28 bar
PN25 body test x1.5	°C	38 bar
PN40 disc test x1.1	°C	44 bar
PN40 body test x1.5	°C	60 bar

CHECK VALVE

Nozzle (Silent) Check Valve

SECTION Technical drawing REF EFC-99



CHECK VALVE

Nozzle (Silent) Check Valve

SECTION Dimensions per size REF EFC-99

SIZE	L	D_PN10	K_PN10	D_PN16	K_PN16	WEIGHT
DN40	85	150	110	150	110	4.2 kg
DN50	100	165	125	165	125	5.8 kg
DN65	120	185	145	185	145	8.1 kg
DN80	140	200	160	200	160	10.2 kg
DN100	170	220	180	220	180	14.5 kg
DN125	200	250	210	250	210	24 kg
DN150	230	285	240	285	240	32 kg
DN200	288	340	295	340	295	53 kg
DN250	354	400	350	400	355	94 kg
DN300	395	455	400	455	410	140 kg
DN350	472	505	460	520	470	225 kg
DN400	560	565	515	580	525	312 kg
DN500	670	670	620	715	650	540 kg

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