

GATE VALVE

# RSV Gate Valve – Non Rising Stem

REF **EFC-379** ISSUED 11 Jun 2026

## SPECIFICATIONS

Size	<b>DN50–DN600</b>
Pressure	<b>PN10–PN16</b>
End connection	<b>flanged (EN 1092-2) / flanged (EN 1092-2)</b>

## STANDARDS

Design	<b>EN 1074-2, BS EN 1074-2, BS 5163, BS 1171, EN 1092-2, EN 558-1</b>
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## APPROVALS & CERTIFICATIONS

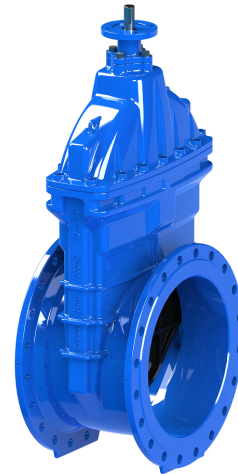
- WRAS
- ISO 9001

## COATINGS & LINING

- Fusion-bonded epoxy (250µm)

## APPLICATIONS

- Valve chambers
- Below-ground installations
- Restricted headroom applications



**MATERIALS**

body	<b>Ductile Iron EN GJS 500-7</b>	bonnet	<b>Ductile Iron EN GJS 500-7</b>
stem	<b>AISI 420 / 431 Stainless Steel</b>	wedge	<b>Ductile Iron + EPDM rubber encapsulated</b>

**FEATURES**

- The non-rising stem RSV is designed for valve chambers and installations where headroom above the valve is restricted
- The stem thread is internal: the stem rotates but does not rise, keeping the overall installed height to a minimum
- A position indicator cap shows the number of turns from fully open, providing approximate position feedback

**PRESSURE-TEMPERATURE RATING**

<b>CLASS</b>	<b>TEMPERATURE</b>	<b>MAX PRESSURE</b>
PN16	-10°C	16 bar
PN16	80°C	16 bar

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SECTION Technical drawing 1 REF EFC-379



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SECTION Dimensions per size REF EFC-379

SIZE	L_BS	L_F4	L_F5	H1	H2	OB	OD	OK	C	OF	OD_PN10	OD_PN16	OK_PN10	OK_PN16
DN50	178	150	250	240	255	99	165	125	18	180	—	—	—	—
DN65	190	170	270	258	280	118	185	145	18	180	—	—	—	—
DN80	203	180	280	293	311	132	200	160	18	180	—	—	—	—
DN100	229	190	300	326	340	156	220	180	18	200	—	—	—	—
DN125	254	200	325	377	386	184	250	210	18	250	—	—	—	—
DN150	267	210	350	414	430	211	285	240	18	250	—	—	—	—
DN200	292	230	400	510	550	266	340	295	18	300	—	—	—	—
DN250	330	250	450	585	625	319	—	—	19	350	395	405	350	355
DN300	356	270	500	663	703	370	—	—	21	350	445	460	400	410
DN350	381	290	550	890	955	429	—	—	26.5	450	505	520	460	470
DN400	406	310	600	970	1040	480	—	—	28	450	565	580	515	525
DN450	432	330	650	1025	1105	520	—	—	30	450	615	640	565	585
DN500	457	350	700	1153	1235	609	—	—	31.5	450	670	715	620	650
DN600	508	390	800	1310	1395	720	—	—	36	450	780	840	725	770
DN700	610	—	—	1630	—	—	—	—	39.5	210	928	928	840	840

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