

AIR RELEASE VALVE

# SKAR – Sewage Combination Air Release Valve

REF **EFC-340** ISSUED 08 Jun 2026

## SPECIFICATIONS

Size	<b>DN50–DN300</b>
Pressure	<b>PN10–PN16</b>
End connection	<b>flanged (EN 1092-2) / flanged (EN 1092-2)</b>

## STANDARDS

Design **BS EN 1074-4, AWWA C512**

## APPROVALS & CERTIFICATIONS

- ISO 9001

## APPLICATIONS

- Sewage rising mains
- Force mains
- Wastewater pump stations



**MATERIALS**

body	<b>Ductile Iron EN GJS 500-7</b>	float	<b>AISI 316L Stainless Steel</b>
seals	<b>NBR</b>		

**FEATURES**

- The SKAR sewage combination air release valve is designed for pressurised sewage rising mains and force mains
- The robust ball float mechanism resists clogging from sewage constituents including rags, greases and suspended solids
- Provides large-orifice kinetic venting on filling and continuous small-orifice air release under operating pressure

**PRESSURE-TEMPERATURE RATING**

<b>CLASS</b>	<b>TEMPERATURE</b>	<b>MAX PRESSURE</b>
PN10	-10°C	10 bar
PN10	80°C	10 bar
PN16	-10°C	16 bar
PN16	80°C	16 bar

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## SKAR – Sewage Combination Air Release Valve

SECTION Technical drawing 1 REF EFC-340



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SECTION Dimensions per size REF EFC-340

SIZE	H	OD_PN10	OK_PN10	OB_PN10	C
DN50	558	165	125	99	19
DN80	653	200	160	132	19
DN100	676	220	180	156	19
DN150	810	285	240	211	19
DN200	950	340	295	266	20
DN300	1173	460	410	370	24.5

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