

Water Supply

Wastewater Treatment

AVK offers a wide range of fixed and height adjustable surface boxes in various dimensions, which can be used in many fields of application. Apart from economic benefits, AVK synthetic surface boxes are lightweight, user-friendly, easy to open, noiseless and maintenance free. Most of AVK surface boxes are designed and approved according to DIN/EN standards, but can also be designed according to local standards or customer specifications. The carbon footprint (CO₂ emission) of synthetic surface boxes, measured from resource to end of life, is significantly lower compared to surface boxes made of traditional materials, making AVK surface boxes ecologically sound.

Use:

Fixed height surface box with cast iron lid, for underground air valves, design derived from DIN 4055, standard lid inscription: AVK AIR VALVE

Features:

- Lightweight, user-friendly, silent and maintenance free
- 100% recyclable and significantly less use of resources compared to traditional materials
- Manufactured out of high grade recycled materials
- Ribs in housing ensure optimal fixation in road foundation
- Selected materials for housing and lid ensure easy opening at all times
- Heat resistant to max. 250 °C
- Suitable for low-temperature applications
- Locking clip around the bolt ensuring lid will stay in its place
- Large clear opening to grant access to air valve below
- Multiple holes in lid allow discharge and admittance of air
 - Discharge: max. 340m³/h
 - Admittance: max. 160m³/h
- C250 load bearing capacity on complete surface*

Design:

- Design derived from DIN 4055

Optional

- Various colours and lid inscriptions possible
- Available as lockable version making the surface box tamperproof
- Use of a Flexdrain around the air valve prevents dirt to block the in-/outlet, ensuring optimal operation

*Results of the load-bearing capacity test on the complete surface, following the internally used load application method, and declaring the load-bearing capacity according to the corresponding class as per EN 124-1:2015, clause 7.2, table 4

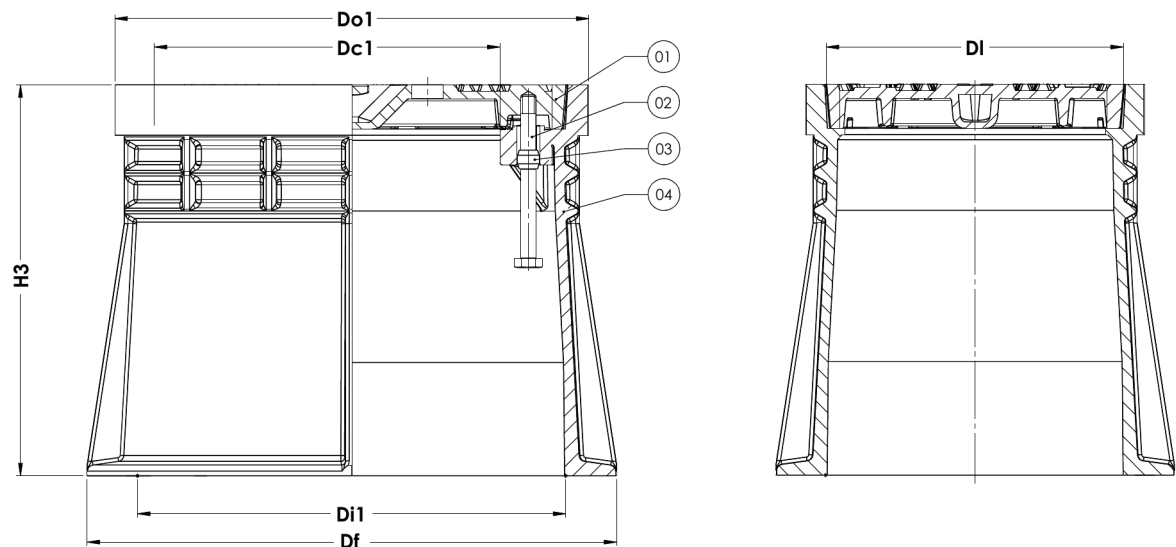
Accessories:

Support tile II
Support tile III



SYNTHETIC SURFACE BOX TYPE 4055
For underground air valves, H-4055 MD-GG, Classic

80/30-001



Component list:

1. Lid	Cast iron GJL-200 (GG-20)	3. Locking clip	PP
2. Bolt, hexagon head	Stainless steel A2-70	4. Housing	PA+

Metallic components may be substituted with equivalent or higher-grade materials without prior notice, provided that this is in compliance with the approvals.

Reference nos. and dimensions:

Reference no.	Do1 mm	Dc1 mm	Di1 mm	Df mm	DI mm	H3 mm	Weight Box / kg	Weight Lid / kg	Theoretical weight/kg
80-30-0010000 (1)	376 / 268	274 / 207	340 / 236	420 / 316	345 / 240	310	4.0	6.9	10.9
80-30-0010001 (2)	376 / 268	274 / 207	340 / 236	420 / 316	345 / 240	310	4.0	6.9	10.9

(1) Holes in the lid for the inlet and outlet of air. Inscription: AVK AIR VALVE
(2) Holes in the lid for the inlet and outlet of air. Inscription: AVK VENTOUSE