



AVK SYNTHETIC SURFACE BOX TYPE 4055

80/28-400

For underground hydrants, H-4055VB+ HD-GG, Classic (XL)

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.

Product description:

Height adjustable surface box with cast iron lid and reinforced rim, for extra large underground hydrants, design derived from DIN 4055, standard lid inscription: HYDRANT

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
- Large height range and flexible positioning of top part
- No height adjustment needed after installation, saving time and costs
- Floating top part following road settlement ensuring perfect alignment at all times
- Reinforced rim ensures better support of top part
- Strong rim makes product suitable for heavy duty application areas
- Extra large clear opening at bottom side to grant extra space for operating large hydrants
- D400 load bearing capacity on complete surface*

Design/Test:

- Design derived from DIN 4055
- Tested according to DIN 3580-2

Optional

- Spring around bolt ensuring lid will stay in its place
- Various colours and lid inscriptions possible
- Available as lockable version making the surface box tamperproof
- Use of a Flexdrain around the hydrant prevents dirt to block the drain pipe, 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



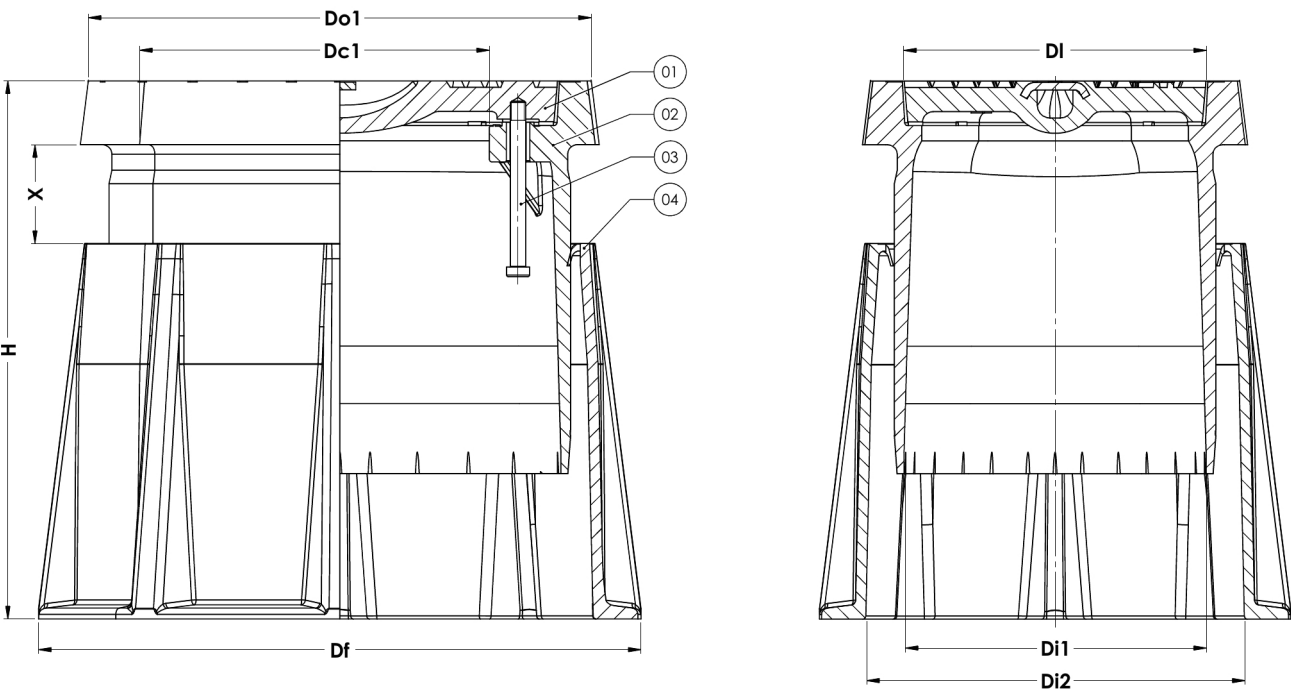
Expect... **AVK**

The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range.

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Component list:

1.	Lid	Cast iron GJL-200 (GG-20)	3.	Bolt, socket head	Stainless steel A2-70
2.	Housing top part	PA+	4.	Housing bottom part	PA+

Components may be substituted with equivalent or higher class materials without prior notification.

Reference nos. and dimensions:

AVK ref. no.	Do1	DI	Dc1	Di1	Di2	Df	H3	X	Weight	Weight	Theoretical
	mm	mm	mm	mm	mm	mm	mm	mm	Box / kg	Lid / kg	weight/kg
80-28-4000000	395/290	345/240	275/210	347/237	408/305	473/370	420-560	80-220	6.9	10.8	19