SYNTHETIC SURFACE BOX TYPE 4055

80/30-214

For underground hydrants, M-4055P MD-KU, Futura

Fire Protection

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 (CO_2 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 synthetic lid and rectangular top, for underground hydrants, design derived from DIN 4055, standard lid inscription: AVK 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
- Locking clip around the bolt ensuring lid will stay in its place
- Lid material discourages thieves; no value in stealing
- Synthetic lid enables signal transmission
- Due to rectangular top ideal solution for pavement installation
- B125 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 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

Accessories:
Support tile II
Support tile III
Top frame for 4055P

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

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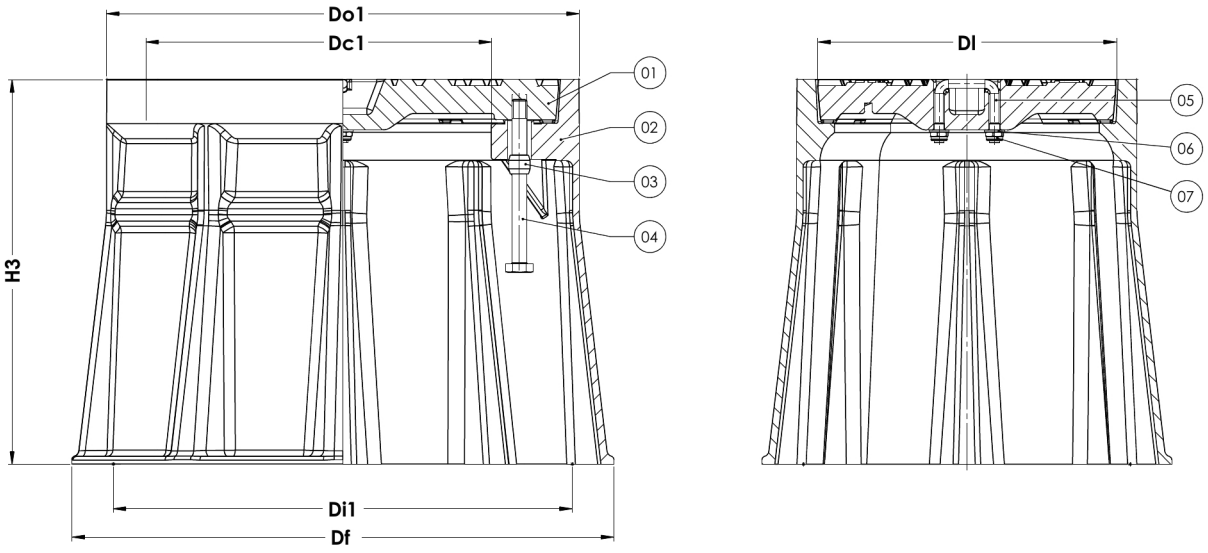

Component list:

1.	Lid	PP GF40	5.	Crossbar	Stainless steel A2
2.	Housing	PA+	6.	Washer	Stainless steel A2
3.	Locking clip	PP	7.	Nut	Stainless steel A2
4.	Bolt, hexagon head	Stainless steel A2-70			

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	Dl mm	Dc1 mm	Di1 mm	Df mm	H3 mm	Weight Box / kg	Weight Lid / kg	Theoretical weight/kg
80-30-2140001 (1)	374 / 270	345 / 240	275 / 210	364 / 259	430 / 325	313	3.8	1.8	5.6
80-30-2140003 (2)	374 / 270	345 / 240	275 / 210	364 / 259	430 / 325	305	3.8	1.8	5.6

(1) Black lid; inscription AVK HYDRANT

(2) Red lid; inscription AVK HYDRANT

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