

Gas Supply

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:

Height adjustable surface box with cast iron lid, for distribution valves and district heating, standard lid inscription: GAS

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
- Inscription in lid to be positioned easily
- No height adjustment needed after installation, saving time and costs
- Floating top part following road settlement ensuring perfect alignment at all times
- D400 load bearing capacity on complete surface*

Design/Test:

- Designed according to DIN 3581 (-3)
- Tested according to DIN 3580-2

Optional

- Various colours and lid inscriptions possible

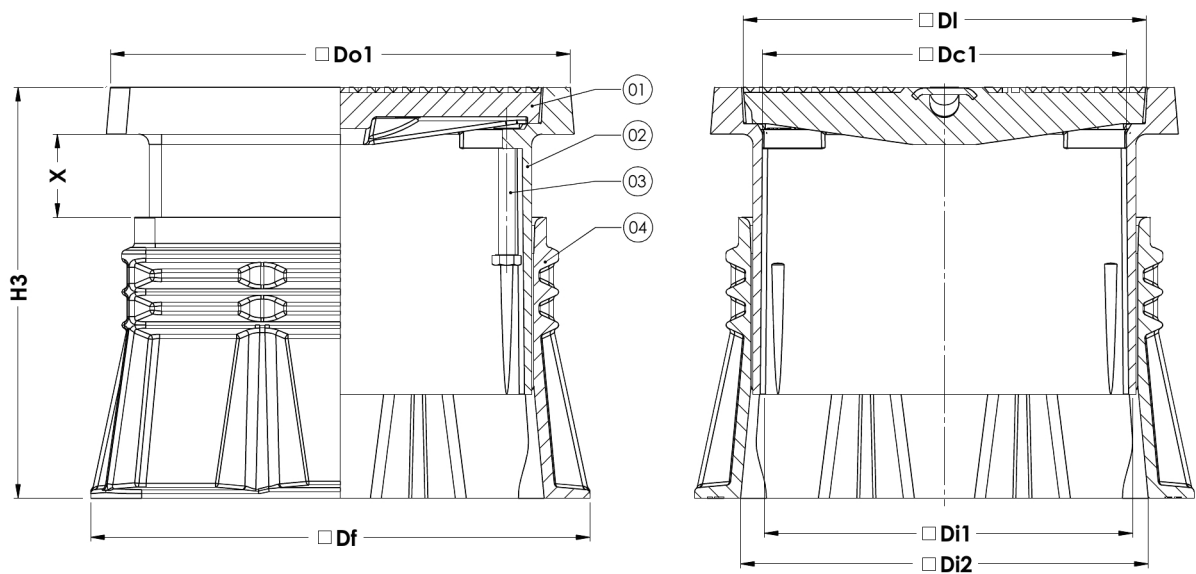
*Results of the load-bearing capacity test on the complete surface, following the internally used load application method, and declaring the load-bearing capacity according to the corresponding class as per EN 124-1:2015, clause 7.2, table 4



SYNTHETIC SURFACE BOX TYPE 3583

80/36-100

For distribution valves and district heating, H-3583V HD-GG, Classic



Component list:

1. Lid	Cast iron GJL-200 (GG-20)	3. Bolt, hexagon head	Stainless steel A2-70
2. Housing top part	PA+	4. Housing bottom part	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	DI	Dc1	Di1	Di2	Df	H3	X	Weight Box / kg	Weight Lid / kg	Theoretical weight/kg
80-36-1000001	442	390	350	354	392	480	395-520	80-205	10.7	31.0	41.7