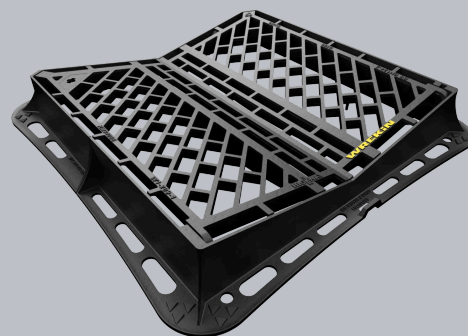
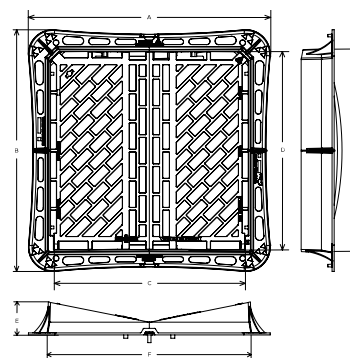


## DGHVOD6/9090/KH

Highway D400 4 flange V gully grate 900mm x 900mm clear opening with 150mm frame depth



CHARACTERISTIC	VALUE
Range	Highway
Clear opening (mm)	900 x 900
Base opening (mm)	925 x 925
Overall frame (mm)	1,100 x 1,100
Frame depth (mm)	150
Waterway area (cm <sup>2</sup> )	5,100
Options	► Screw locking



## SPECIFICATION

### GENERAL INFORMATION

Stock code	DGHVOD6/9090/KH
Primary material	Ductile iron
Range	Highway
Category	Gully grate
Flanges	4

### STANDARDS, CLASSES AND GROUPINGS

Standards	BS EN 124-2 DMRB MCHW CD 534 v0.1.0
BS EN 124 Class	D400
BS EN 124 Group	3 4
Third party certified	Kitemark
CD 526 hydraulic capacity	P

### DIMENSIONS

Frame shape	Rectangular
Manhole shape	Rectangular
Overall frame (A x B)	1,100 mm x 1,100 mm
Clear opening (C x D)	900 mm x 900 mm
Frame depth (E)	150mm
Base opening (F x G)	925 mm x 925 mm
Waterway area	5,100cm <sup>2</sup>

### EPD DATA

**Total life cycle (cradle to grave) 286.54 kg CO<sub>2</sub> equivalent**



## FEATURES

- ✓ Meets the requirements of CD 534 v0.1.0 (formerly HA 104/09).
- ✓ Captive hinges reduce theft risk whilst allowing easy lifting.
- ✓ The enlarged frame corners help to dissipate loads onto the foundation, providing a longer service life and increased reliability.
- ✓ Frame gussets are supports which reinforce the corners where the frame sections meet, distributing stress evenly, preventing damage to the frame or the access cover.
- ✓ Keyway lifting points are provided on the frame for safe handling.
- ✓ Holes in the frame flange where mortar can pass between the underside and top side, creating an interlock, providing greater strength.
- ✓ Surface texturing above and below the flange enables better mortar engagement, reducing any lateral movement which could result in cracking.
- ✓ Spring bar low security locking feature.

## AVAILABLE OPTIONS

- ✓ **Screw locking**  
Screw locking deters unauthorised access to the chamber. An extended shank socket set is required to engage the locking screw.

## ACCESSORIES

STOCK CODE	DESCRIPTION
PC/UNIFORM/151076	Uniform chamber adjustment unit 760mm x 100mm x 15mm
PC/UNIFORM/251076	Uniform chamber adjustment unit 760mm x 100mm x 25mm
PC/UNIWEDGE/755012	Uniform support wedge 120mm x 50mm x 75mm
YPCR/U12.5	12.5Kg Unipak® rapid curing polyester resin mortar
YPCR/U25	25Kg Unipak® rapid curing polyester resin mortar
SCREWLIFT	Simple and rapid manhole frame levelling system. Simply push the bushes into the holes in the flange and adjust the levelling screws to the required height.
KEY/LONG	Large cover lifting keys with a long handle (sold as a pair)
KEYS/L	Small cover combined lifting key

## NOTES

This product range should not to be exposed to Group 5 traffic or above. The use of road plates is recommended where exposure to construction site traffic is likely.

The D400 load capability of these Group 3 products also offers the benefit of making them suitable for exposure to Group 4 traffic types. Where 3-flange D400 Gully Grate assemblies are employed, we recommend that they are installed against a kerb, not in an open highway location.

- ▶ Wrekin Products Ltd is continually seeking to improve our products and therefore reserves the right to alter product specifications without prior notice.
- ▶ It is the responsibility of all users to satisfy themselves the above data is current.
- ▶ All values stated are nominal within 2.5% tolerance.
- ▶ Installation details are available in the [knowledge base](#).
- ▶ All Wrekin products are supplied subject to our [Terms and Conditions of Sale](#).

