

## DGHVOD6/6060/KH

Highway D400 4 flange V gully grate 600mm x 600mm clear opening with 150mm frame depth



RANGE	CLEAR OPENING (MM)	BASE OPENING (MM)	OVERALL FRAME (MM)	FRAME DEPTH (MM)	WATERWAY AREA (CM <sup>2</sup> )	OPTIONS
Highway	600 x 600	625 x 625	800 x 800	150	1,950	<input type="checkbox"/> Screw locking

## KEY FEATURES

- ✓ Non rocking 3-point suspension design, for silent operation.
- ✓ Captive hinges reduce theft risk whilst allowing easy lifting.
- ✓ 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.
- ✓ Reversible hinge allows the grating to hinge with the direction of the traffic flow, improving safety.
- ✓ Surface texturing above and below the flange enables better mortar engagement, reducing any lateral movement which could result in cracking.
- ✓ Meets the requirements of CD 534 v0.1.0 (formerly HA 104/09).
- ✓ The enlarged frame corners help to dissipate loads onto the foundation, providing a longer service life and increased reliability.
- ✓ Indexed corners ensure correct orientation first time, every time.
- ✓ Holes in the frame flange where mortar can pass between the underside and top side, creating an interlock, providing greater strength.
- ✓ Unlike sharp, square-edged frames, rounded edges reduce stress concentrations and minimise crack formation.

## SPECIFICATION

### General information

Stock code	DGHV0D6/6060/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	Square
Manhole shape	Square
Overall frame (A x B)	800 mm x 800 mm
Clear opening (C x D)	600 mm x 600 mm
Frame depth (E)	150mm
Base opening (F x G)	625 mm x 625 mm
Waterway area	1,950cm <sup>2</sup>

## 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	Manhole cover levelling system
KEY/LONG	Large cover lifting keys with a long handle (sold as a pair)
KEYS/L	Small cover combined lifting key
KEYSHEAVY	Large cover lifting keys with a standard handle (sold as a pair)

## 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. All values stated are nominal within 2.5% tolerance.

1. Wrekin Products Ltd is continually seeking to improve our products and therefore reserves the right to alter product specifications without prior notice.
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