

DGHTOD4/4242/KHK

Highway D400 3 flange kerb hinged gully grate 430mm x 410mm clear opening with 100mm frame depth



RANGE	CLEAR OPENING (MM)	BASE OPENING (MM)	OVERALL FRAME (MM)	FRAME DEPTH (MM)	WATERWAY AREA (CM²)	OPTIONS
Highway	430 x 410	450 x 450	625 x 535	100	1,250	Screw locking

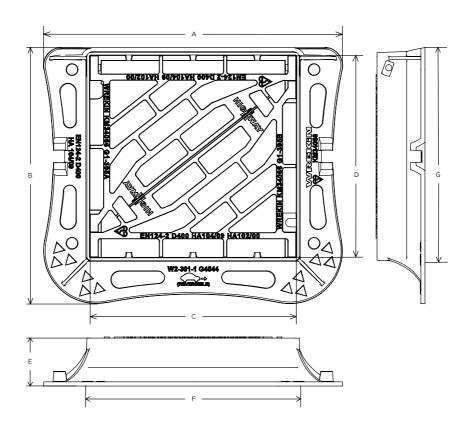
KEY FEATURES

- 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 DGHT0D4/4242/KHK

Primary material Ductile iron

Range Highway

Category Gully grate

Flanges

Standards, classes and groupings

Standards BS EN 124-2

DMRB MCHW

3

CD 534 v0.1.0

D400





BS EN 124 Class

BS EN 124 Group

4

Third party certified Kitemark

CD 526 hydraulic capacity

Dimensions

Frame shape Rectangular

Manhole shape Rectangular

Overall frame (A x B) 625 mm x 535 mm

Clear opening (C x D) 430 mm x 410 mm

Frame depth (E) 100mm

Base opening (F x G) 450 mm x 450 mm

Waterway area 1,250cm²

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





STOCK CODE	DESCRIPTION
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

NOTES

- Can be manufactured on request.
- Where 3-flange D400 Gully Grate assemblies are employed, we recommend that they are installed against a kerb, not in an open highway location.
- 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.
- 2. It is the responsibility of all users to satisfy themselves the above data is current.
- 3. Installation details are available on request.
- 4. All Wrekin products are supplied subject to our <u>Terms and Conditions of Sale</u>







