

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 | <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.

General information

| | |
|------------------|------------------|
| Stock code | DGHTOD4/4242/KHK |
| Primary material | Ductile iron |
| Range | Highway |
| Category | Gully grate |
| Flanges | 3 |

| | |
|------------------|--|
| Standards | BS EN 124-2 DMRB MCHW CD 534 v0.1.0 D400 |
|------------------|--|

BS EN 124 Class

BS EN 124 Group

3

4

Third party certified

Kitemark

CD 526 hydraulic capacity

R

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 [Terms and Conditions of Sale](#)



