

DGHTOD6/1045/KH

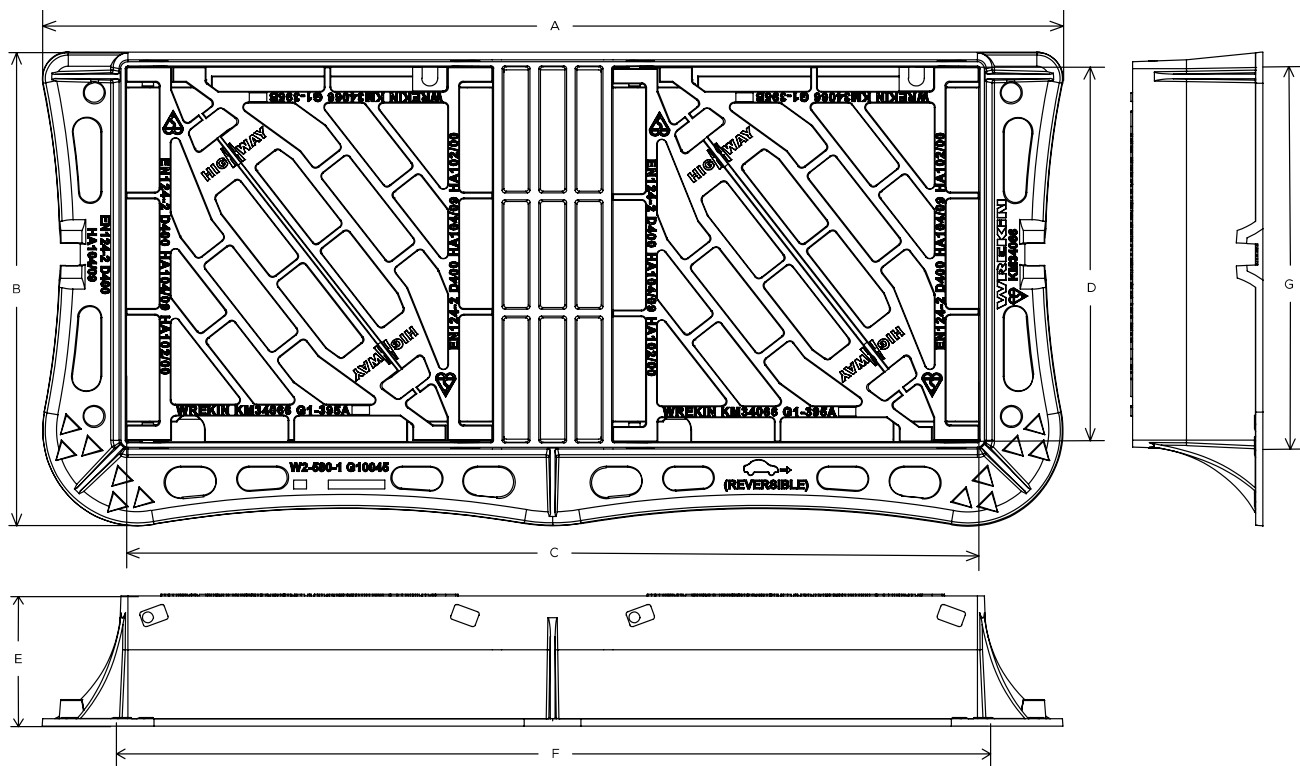
Highway D400 3 flange gully grate 980mm x 425mm clear opening with 150mm frame depth



| RANGE | CLEAR OPENING (MM) | BASE OPENING (MM) | OVERALL FRAME (MM) | FRAME DEPTH (MM) | WATERWAY AREA (CM ²) | OPTIONS |
|---------|--------------------|-------------------|--------------------|------------------|----------------------------------|--|
| Highway | 980 x 425 | 1,000 x 450 | 1,175 x 545 | 150 | 2,750 | <input type="checkbox"/> Screw locking |

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.
- ✓ 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.
- ✓ 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.
- ✓ 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.



SPECIFICATION

General information

| | |
|------------------|-----------------|
| Stock code | DGHTOD6/1045/KH |
| Primary material | Ductile iron |
| Range | Highway |
| Category | Gully grate |
| Flanges | 3 |

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) | 1,175 mm x 545 mm |
| Clear opening (C x D) | 980 mm x 425 mm |
| Frame depth (E) | 150mm |
| Base opening (F x G) | 1,000 mm x 450 mm |
| Waterway area | 2,750cm ² |

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 |

| STOCK CODE | DESCRIPTION |
|------------|--|
| 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. |

NOTES

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](#)

