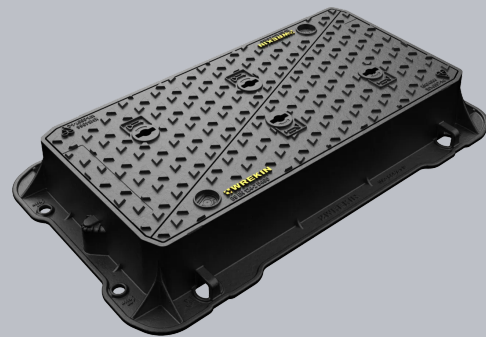
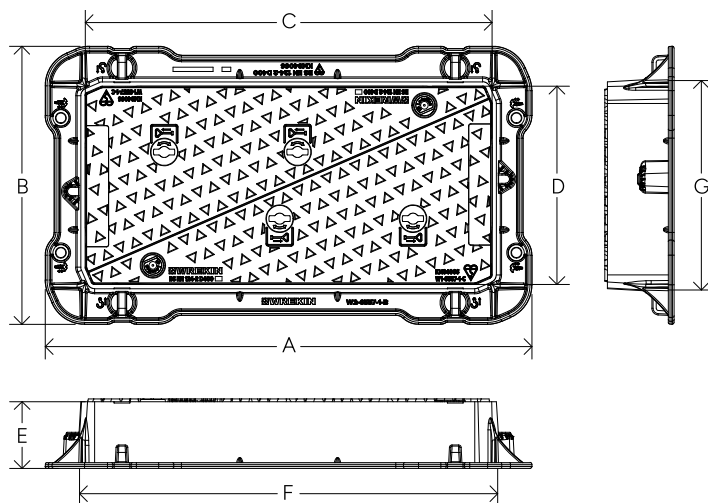


DMTOD6/9144/KP

Pulse D400 manhole cover 915mm x 445mm clear opening with 150mm frame depth



CHARACTERISTIC	VALUE
Range	Pulse
Clear opening (mm)	915 x 445
Overall frame (mm)	1,095 x 625
Frame depth (mm)	150
Options	▶ Enhanced anti-slip coating ▶ ID and comms badging ▶ Standard badging ▶ Pressure relief holes



SPECIFICATION

GENERAL INFORMATION

Stock code	DMTOD6/9144/KP
Primary material	Ductile iron
Range	Pulse
Category	Manhole cover
Flanges	4

STANDARDS, CLASSES AND GROUPINGS

Standards	BS EN 124-2 DMRB MCHW CD 534 v0.2.0
BS EN 124 Class	D400
BS EN 124 Group	4
Third party certified	Kitemark

DIMENSIONS

Frame shape	Rectangular
Manhole shape	Rectangular
Overall frame (A x B)	1,095 mm x 625 mm
Clear opening (C x D)	915 mm x 445 mm
Frame depth (E)	150mm
Base opening (F x G)	940 mm x 470 mm

EPD DATA

Total life cycle (cradle to grave) 206.71 kg CO₂ equivalent



FEATURES

- ✓ Non-rocking three-point suspension provides stable seating for silent, reliable operation.
- ✓ Independently tested by a UKAS-accredited laboratory to achieve a PSRV value of 70+ on the chequer surface.
- ✓ Enlarged corners spread loads evenly across the foundation, enhancing reliability and lifespan.
- ✓ Gussets dissipate loading stresses effectively, providing long-term durability by preventing damage to the frame and bedding material.
- ✓ Built-in lifting points allow safe mechanical lifting, reducing manual handling and improving on-site safety.
- ✓ Covers have been approved for use by telecommunications companies such as Openreach.
- ✓ Optional ID badge supports RFID, NFC and IoT connectivity for asset identification and tracking.
- ✓ Safety keyways prevent accidental lifting key disengagement during handling for safer operation.
- ✓ Texturing above and below the flange improves mortar grip and reduces lateral movement and cracking.
- ✓ I-beam structure increases rigidity and reduces seat wear for a longer service life.
- ✓ Meets the requirements of CD 534 v0.2.0.

AVAILABLE OPTIONS

- ✓ **Enhanced anti-slip coating**
An enhanced anti-slip coating provides increased anti-slip protection as an addition to the product's own anti-skid properties.
- ✓ **ID badging and communications options**
Bespoke badging and communications antennae, including NFC, RFID and IoT technology.
- ✓ **Industry standard badging**
Integral industry-standard badging e.g. SW (Storm Water) and FW (Foul Water). Details are taken at point of order.
- ✓ **Pressure relief holes**
Pressure relief holes provide additional airflow, with sizes permitted up to the maximum allowances specified in BS EN 124.

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
KEYS/LONG	Large cover lifting keys with a long handle
KEYS/HEAVY	Large cover lifting keys with a standard handle
KEYS/L	Small cover combined lifting key
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.

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