

## Technical Specification/ Product Datasheet

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England



Specific Product Code/s:	<b>CD 901H KMD</b> <b>CD 901AH KMD (pictured)</b>		
Product Group:	Ductile Iron Kitemark Manhole Covers		
Sub-Category:	HIGH MAX Heavy Duty D400 Double-Tri Manhole Covers for use in heavily trafficked carriageways and commercial/industrial areas		
Material Grade/s:	Spheroid Graphite Iron Grade EN-GJS-500-7 to BS EN 1563:2011 Temporary Bitumen-based paint coating to BS 3416:1991		
Basic Dimensions (mm):		<b>CD 901H KMD</b>	<b>CD 901AH KMD</b>
	Clear Opening =	600 x 600	600 x 600
	Overall size =	847 x 847	851 x 851
	Depth =	100	150
Weight (kgs):	Overall =	104	115
	Covers (per pair) =	68	68
Frame Pressure Bearing Area (N/mm <sup>2</sup> ):		1.8	1.73
Polished Skid-Resistance Value (PSRV):	60+		
Load Rating Classification:	D400 (40 tonnes)		

### Features:

- BSI Kitemark Certified to BS EN124:1994
- Integral safety keyholes
- 'True' clear-opening design with oversized frame to suit old-style 24" x 24" chambers
- Heavy duty design to cope with the demands of heavily-trafficked areas
- Inboard cover supports to reduce risk of cover collapse under extreme loads
- Can be supplied fitted with sealing plate (conventional bolt-in galv steel or drop-in low-leak ductile iron)
- Non-rock 3-point suspension covers with ultra-high tread density for long service life
- Enlarged frame corners and extra-wide flange for improved distribution of loading in key areas
- Vented corner grouting pockets on frame flange to improve bond to bedding mortar in highly stressed areas for durability in service
- Compliant to BS 7903 and the design requirements of Highways England HA104/09 (high risk areas)

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