

# KGA 250

## Inspection chamber according to DIN EN 13598-2

### Application area:

Inspection chamber for municipal and domestic drainage for foul- and rainwater systems. KGA 250 can be installed in heavy traffic area according to LM 1 (DIN EN 1991-2/NA), former SLW 60. Applicable in drinkingwater areas II and III (DWA-A 142). Smooth wall pipe systems according to DIN EN 1401, 1852, 14758, 13476-2. Installation depths up to 6.0m, in groundwater max. 1.0m possible.

### Product specifications:

- ⊕ Inside diameter: DN/OD 250
- ⊕ Flow profile: straight
- ⊕ Connection dimensions: DN/OD 160
- ⊕ Connection: socket for smooth wall pipes  
Shaft pipe: smooth wall
- ⊕ Cover: depends on type of traffic, directly or with telescope;
- ⊕ A 15, B 125, D 400 according to DIN EN 124  
Support covers: two-piece plastic support ring set according to the load class for covers B 125 and D 400; on-site if required separable for subsequent assembly
- Material: base, shaft pipe, cover A 15, telescope machette polypropylene (PP);
- ⊕ telescope pipe (PVC-U), cover B 125 and D 400 cast iron
- Color: base black, shaft pipe red brown
- ⊕ Standards: following to DIN EN 13598-2 and DIN EN 752
- ⊕ Connections: push fit system
- ⊕ Seal material: according to DIN EN 681-1, SBR and EPDM
- ⊕ Leak tightness requirement: pressure test 0.5 bar
- ⊕ Lifetime: up to 100 years
- ⊕ Installation depth: max. 6.0m, in ground water max. 1.0m
- ⊕



### Installation conditions:

- ⊕ Installation has to be done in line with DIN EN 1610
- ⊕ Compaction pending on traffic area between 95% (non-traffic area) and 98% (heavy traffic area)
- ⊕ Basement on bedding material according DIN EN 1610, no concrete needed
- ⊕ Min backfill around the base and shaft DN/2
- ⊕ Protection against floating up to 1.0m by full compaction

# PRODUCT SPECIFICATION SHEET

# KGA 250

## System specifications:

General	Diameter inside	DN/OD250
	Material	PP
	Manhole	no
Construction	System	push fit system
	Chamber outside/inside	smooth/smooth
	Base outside/inside	smooth/smooth
	Shaft pipe outside/inside	smooth/smooth
Connection / Seals		DN/OD 160
	Pipe connections	EPDM (ball joint socket)
	Shaft connections	EPDM
	Cover	EPDM
	Telescope / Telescope manchette	SBR
Static	Max. installation depth	6,00 m
	Max. installation depth in groundwater	1,00 m
	Traffic load	LM 1 according to DIN EN 1991-2/NA, rather: SLW60 according to DIN 1072
	Cover classes	A 15 - D 400
Approvals and relevant standards	Product standard	DIN EN 13598-2
	Seal	DIN EN 681
	Cover	DIN EN 124
	Application standard	DIN EN 476 DIN EN 752 DIN 1986
	Installation	DIN EN 1610
	Guidelines	ATV-DVWK-A 142 DWA-A 110 DVS 2207-4

## System components:



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