



Data sheet for structural analysis

For case of application buried manholes; calculation based on DWA-A 127

Please send to:

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project			
	Ì		
company		contact person	
Text input.		Text input.	
street		phone/fax	
Text input.		Text input.	
postcode		signature	
Text input.		Text input.	
city		date/stamp	
<u>Manhole:</u>			
Manhole diameter DN	Text input.	manhole for sewerage; open channel manhole with closed channel	
Shaft pipe material	GRP (GF-UP)	pumping station: wet installed pump	
Shaft nominal stiffness SN	Text input.	pumping station: dry installed pump	
		installation in water protected area's	
		Free input	
		Text input.	
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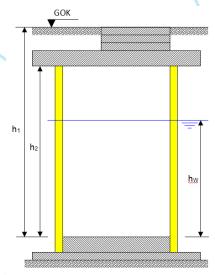




specification of traffic loads:

Traffic loads	street	No traffic		HCL 60		HCL 30	
	Railroad		LM7	1 one track		LM71 two tracks	
Additional loads: e.g. surface load		s (N/mm²)	Text input.				
	\		Text input.				

installation dimensions of the manhole:



Installation depth	h1	Text input.	mm
Pipe length	h2	Text input.	mm
Ground water height min.	hw min	Text input.	mm
Ground water height max.	hw max	Text input.	mm

types of native soil acc. ATV-A 127; DIN 18196:

G1	non cohesive soils (gravel, sand) (GE, GW, GI, SE, SW, SI)	4	
G2	slightly cohesive soils (GU, GT, SU, ST)		
G3	cohesive mixed soils, silt (GŪ, GŤ, SŪ, SŤ, UL, UM)		
G4	cohesive soils, except silts (TL, TM, TA, OU, OT, OH, UA)		
	other soils	Text input.	Text input.
	\	Tout input	Tout input
	proctor density D _{PR} in % (85-110)	Text input.	Text input.
	known E-modulus in N/mm² (1-200)	Text input.	Text input.

native soil

bedding





Information for Manhole construction:

	Excavation slope angle ß	☐ 45°	☐ 60°	□ 90°	
	_			Text input.	
	Free space between manhole and shee	eting / native soil		rext input.	mm
Cover	plate construction details:				
	Acc. to drawings of the manhole supplier				
	Other construction forms (please alway	s add drawing)			
	Cover plate on separate foundation (load	I separation)		1/8/	
Bas	e plate construction details:				
	Acc. to drawings of the manhole manuf	acturer			
	Other construction forms (please always	ays add drawing)			
	Manhole with flotation control				

Installations at the shaft pipe:

