KRAH Spiral pipes technics CROATIA

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Spiral pipes technics d.o.o.



-since 2001

 Production HDPE/PP pipes , manholes, pump station, tanks



-since 2000

 Production of mandrils (tools) for production spiral winding pipes from ID 300 to ID 4000 mm



-PEHD/PP pipes

according standard

DIN 16961-2

EN 13476-3

EN 12666-1

diameters of pipes(mm):

ID:300,400,500,600,700,800,900,1000,1100,1200,1300,

1400,1500,1600,1800,2000,2200,2300,2500,3000.

SN CLASS according request from the project

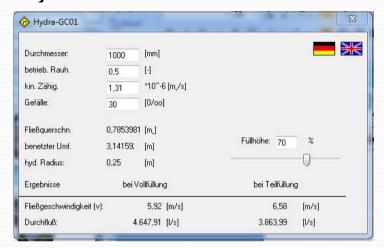
the annual capacity 4000 t

certificates of IGH Cert

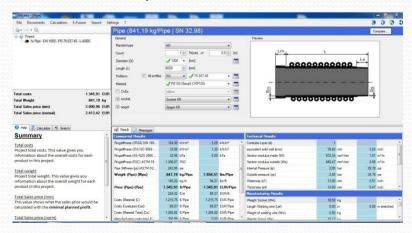
Length from 0.5m to 6m

-PEHD/PP pipes (software)

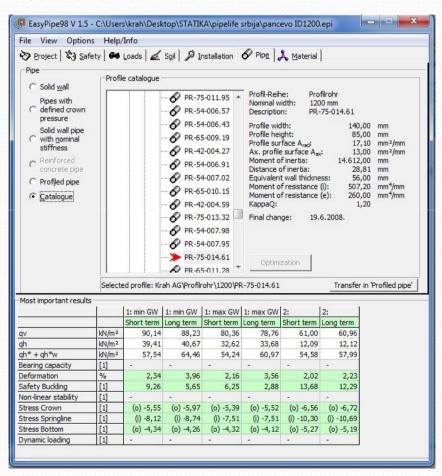
hydraulic calculation ATV A110



internal specifications software

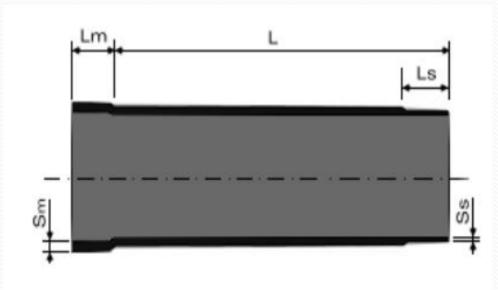


static calculation ATV -DVWK-A-127



-PEHD/PP pipes (profile VW,PR,CPR,OP)

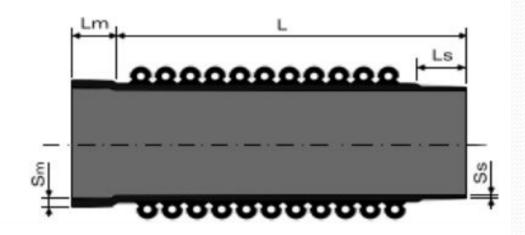
- Profile of pipe depends of static and hydraulic calculation
- selected profile is the best proportion weight and the required conditions
- VW profile



solid wall pipe
Ideal for extruder welding
production, pressure pipes
Connecting pipes electrofusion
welding

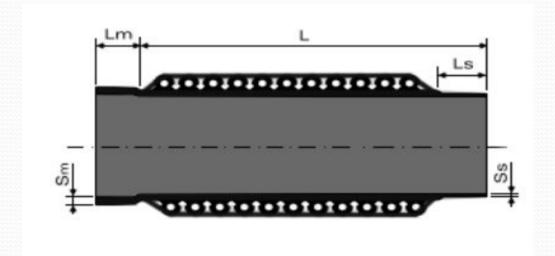
-PEHD/PP pipes (profile VW,PR,CPR,OP)

PR profile



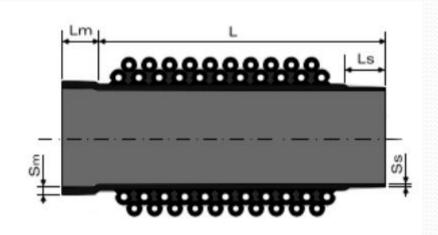
profile pipes ideal for now presure pipes connection rubber ring or electrofusion socket integrated to pipe

CPR profile



profile pipes
ideal for now presure pipes
for for larger loads and
diameter
connection rubber ring or
electrofusion socket
integrated to pipe

-PEHD/PP pipes (profile VW,PR,CPR,OP)





profile pipes
ideal for now presure pipes
for for larger loads and
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integrated to pipe



OP-profile ID 2500 SN10

-PEHD/PP pipes (rib reinforcement PP pipes)

- -All profile we can make from rib OD 21,34,42,54,65,90 and 110.
- -Selection of ribs depend of pipe specification







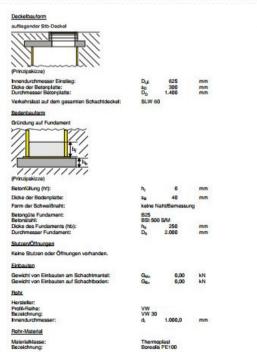


-PEHD manholes

- -We have two types of manholes according to EN13598-2
- -From ID 300-ID 600 transitory and tangential for ID700 –ID3000, this division is for base ID 800 and ID 1000
- -For base ID 1000 the best choice is PEHD pipes VW 1000 x30
- -We are able manufacture manhols for coruggatore pipes ,PVC/UKC pipes and sold wall pipes
- -Each base is checked by static calculation for class D , while the flow pipe is is calculate in SN class quality
- -base of manholes we can manufacutre in this dimension DN/ ID 800,1000,1200, 1400,1500,1600,1800,2000,2200,2500

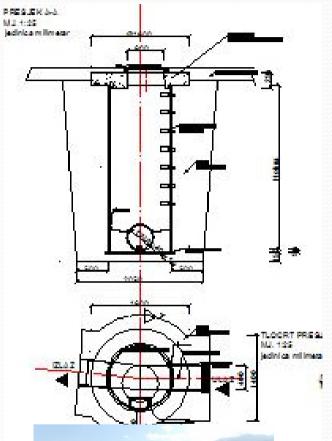
and 3000

(Prinzipskizze)				
Einbautiefe (h1):	h	6.000	mm	
Länge Schachtrohr (h2):	h	5.700	mm	
Höhe Grundwasser (hW): Wichte (Erd-)Boden:	hw	4.000	mm kN/m²	
Hang-Böschungswinkel Beta:	72	0.0	RIVIIII-	
nary-ouscrungsweiser bear.	В	0,0	10	
Einbettung				
Bodengruppe:	G1	Class and		
Proctordichte:	Dpp,2	97,0	%	
anstehender Boden				
Bodengruppe:	G2			
Proctordichte:	D _{PR2}	95,0	%	
Verkehrslast neben dem Schachtdeckel	SLW 60			
Annahmen				
Sicherheitsklasse:	A (Regettall)			
Vorverformung aus struktureller Imperfektion:	Sv. La	0.50	%	
Vorverformung aus geometrischer Imperfektion:	By. 40	0,50	%	
Arbeitsraum:	b	1.500	mm	
Ungleichheitsfaktor (i.d.R. 0,6-0,7):	Ω	0,8	[4]	
Stützfaktor Beta für ax. Beulnachweis:	В	2,00	[1]	
horizontaler Erddruck	Ebener	aktiver Ansatz	San Williams	
Mantelreibungswinkel	1/3 Boden-Reibungswinkel (Normalfall)			
Section of the Sectio		3.00 (Sec. 2)		



PEHD manholes (transitory)

Manhol for KRAH pipes

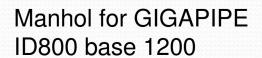










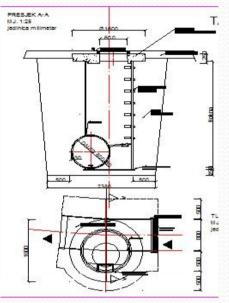


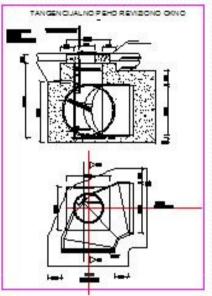




Manhol for PVC pipes

PEHD manholes (tangential)





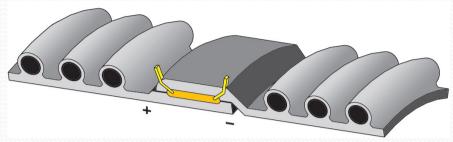






PES of Joint The best fo KRAH technology







Electrofusion socket









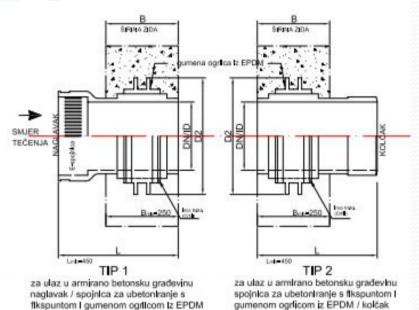
Spigot whit two gaskets





The combined joint electrofusion+flanga

-JOINT CONCRETE WALL+PIPES



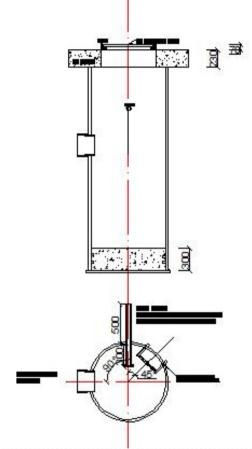


DN/ID cijevi	D2	В	L	ПР1	TIP2	
300	440	KOD NARUDŽBE DOSTAVITI	KOD NARUDŽBE DOSTAVITI KOD NARUDŽBE DOSTAVITI	роѕтачіп	KOD NARUDŽBE DOSTAVITI	
400	550					
500	660					
600	770					
700	880					
800	990		Ö	Ö	Ö	Ö
900	1100					
1000	1270			1 8	8	
1100	1370		DŽ	2	DŽ	
1200	1470		NARU	NARUDŽBE	2	
1300	1580			₹	l ₹	
1400	1680			1 Z	Z	
1500	1780			KOD	8	
1600	1900		ž	2	ž	
1800	2100			1		
2000	2300					

Ostale dimenzije po zahtjevu

For joint the concrete manhol and HDPE / PP pipe we used rubber seal from EPDM, attached to a tube with two stainless steel strips. Rubber seal ensures dilation between the concrete and pipe.

-PUMP STATION











- Production of PEHD chamber for pump stations
- According standard EN 13598-2



Krah cijevi napravljene Od PEHD i PP materijala Po normama:

- HRN EN 13476
- DIN 16961



PENJALICE norma EN 13101 MSS OBLIK B u razmaku od 280 mm





MONOLITNO REVIZIONO OKNO norma: HRN EN 13598 - 2











Nacrt cijevnog sustava







