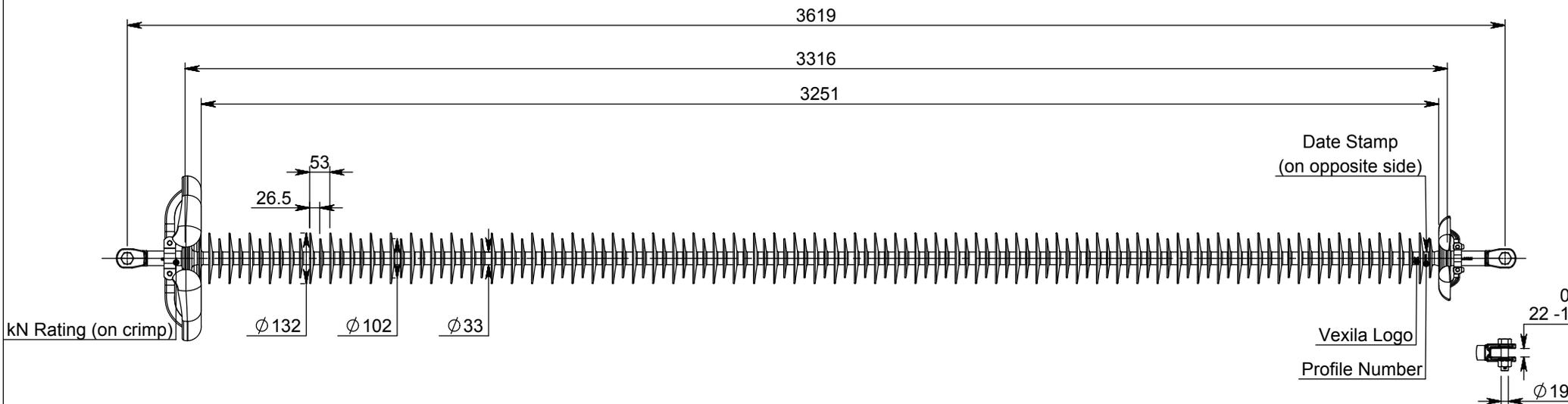


This drawing and its contents are confidential and exclusive property of VEXILA™. No publications, copies or distribution may be made without written consent by VEXILA™.



Technical Data:

One minute power frequency withstand voltage (50Hz, wet)	= 730 kV
One minute power frequency withstand voltage (50Hz, dry)	= 920 kV
Switching impulse withstand voltage (250/2500, positive)	= 1225 kV
Lightning impulse withstand voltage (1.2/50, positive)	= 1830 kV
Minimum dry arcing distance	= 3250 mm
Minimum creepage distance	= 13100 mm
Specified mechanical load (SML)	= 210 kN
Routine test load (RTL)	= 105 kN
Spacing to shed overhang ratio (s/p)	= 1.07
Creepage factor (CF)	= 3.89
Number of sheds (small / large)	= 62/63
Estimated Mass	= 19.66 kg

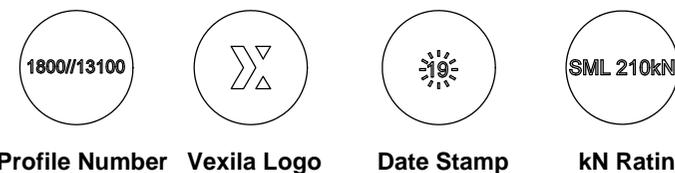
Clevis in acc. to IEC 60471 (22L)

Electrical & Mechanical ratings are in acc. to IEC 61109

Material Data:

Polymeric Housing: Injection Moulded HTV Silicone Rubber with ATH Filler (Grey RAL 7015, min. 3mm thk.)
 Composite Core: Pultruded ECR-Glass Fibre & Epoxy Resin (Ø25mm Rod)
 End-Fittings: Drop Forged Steel - Hot Dip Galv. in acc. to EN ISO 1461 (min. ave. 120µm thk.)
 Cross-Bolt: H.T Steel (Grade 8.8) - Hot Dip Galv. acc to EN ISO 1461
 Corona Ring: Cast Aluminium

Product Markings:



BILL OF MATERIALS:			
ITEM NO.	DESCRIPTION	QTY.	STOCKCODE
1	INS LROD 1800//13100 SML210KN TWIN 22LC STR	1	144 4462-289
2	CORONA RING AL 430 30-49	1	148 040-002
3	CORONA RING AL 220 30-39	1	148 040-005

Description: Silicone Longrod Insulator 1800//13100 c/w Twin 22L Clevis (Ø19mm Pin), 220mm & 430mm Corona Ring Assemblies	Tolerances	Est. Weight:	Substitute for:
	In acc. to: IEC 61109 IEC 62217 IEC 60815 IEC 60471	Drawn By	CLN
	Checked By	JEG	
	Approved By	SIN	
Material:	Revision: 000		
Scale: N.T.S.	Stockcode:	144 4462-289AC	

VEXILA™