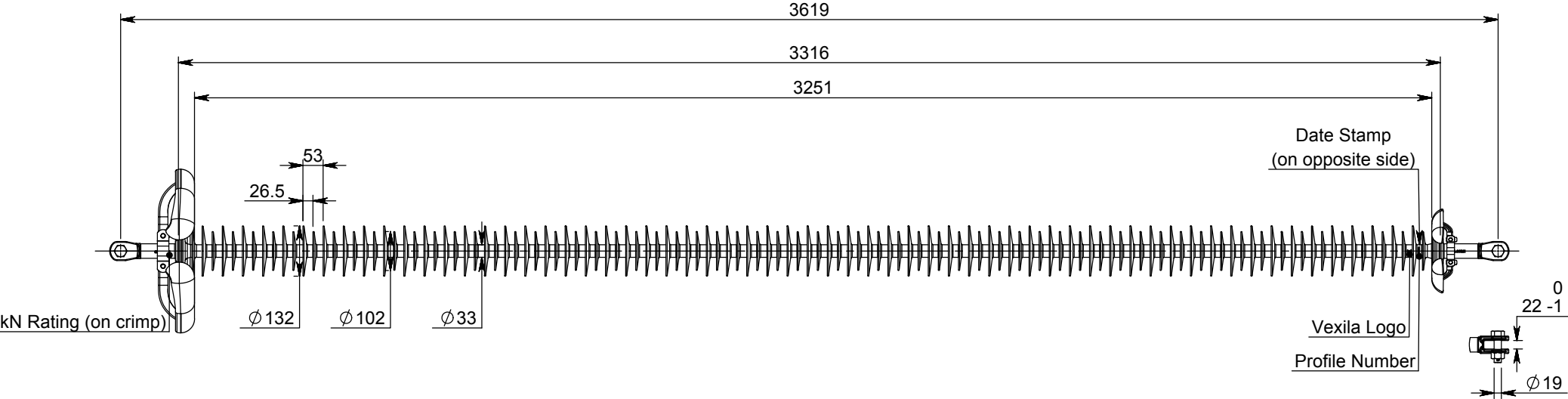


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Technical Data:

- 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:

1800//13100

SML 210kN

Profile NumberVexila LogoDate StampkN Rating

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	
	VEXILA™						
Scale: N.T.S		Stockcode: 144 4462-289AC					