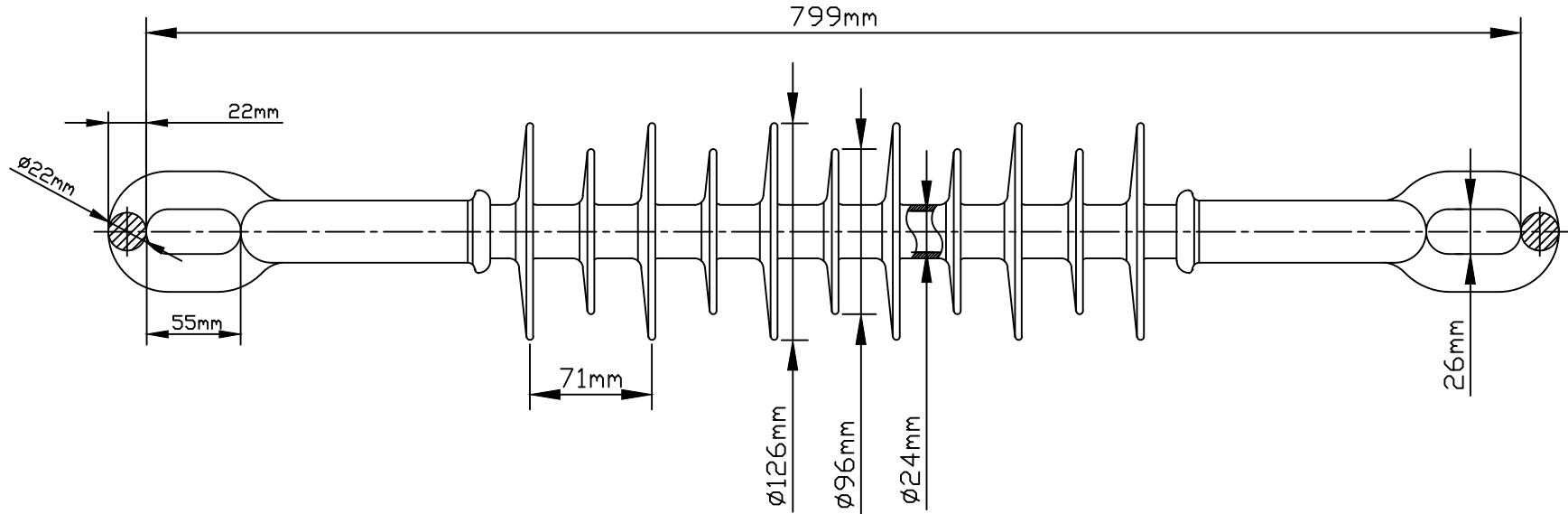


CATALOG NO. SEHL011-B1100

REVISIONS					
REV	LOCATION	NOTICE	DSN BY	APP BY	DATE



REQUIREMENTS:

SECTION LENGTH	799±10mm
SPECIFIED MECHANICAL LOAD	160 kN
ROUTINE TEST LOAD RATING	80 kN
END FITTINGS DESIGN	OVAL EYE & OVAL EYE
SHEDS Q'TY	11 PCS
DRY ARCING DISTANCE	466 mm
LEAKAGE DISTANCE	1,220 mm
60 Hz WET WITHSTAND	150 kV
LIGHTNING WITHSTAND(POS)	255 kV
LIGHTNING WITHSTAND(NEG)	280 kV
WEIGHT	4.24 kg
P1-P2	15 mm
S/P	1.49
	(P1=47.5mm, P2=32.5mm, S=71mm, l=215.87)

NOTE:

1. END FITTINGS ARE MADE FROM STEEL FORGED AND GALVANIZED.
2. FIBERGLASS ROD IS MADE FROM EPOXY RESIN (ECR).
3. THE DIA. OF FRP ROD IS $\phi 24\text{mm}$ SOLID.
4. THE THICKNESS OF HOT DIP GALVANIZING SHALL BE $90 \mu\text{m}$ (MIN. AVE)
5. HARDWARE ENDS TO BE STAMPED WITH NAME OF MANUFACTURER, MANUFACTURING DATE, SML 160 kN
6. THE TOLERANCE ON ALL DIMENSIONS SHALL BE AS FOLLOWS:
 $\pm(0.04d+1.5)\text{mm}$ when $d < 300\text{mm}$
 $\pm(0.025d+6)\text{mm}$ when $d > 300\text{mm}$ with a maximum of 50mm

REPLACEABLE MATERIAL	NO	PART NAME	EA	MATERIAL	DWG NO	
PART LISTS						
ORIGINAL DWG		COMMON TOLERANCE	DATE	05/12/2025		
		DECIMAL ANGLE FRACTION	APP DIVISION	JTR		
			R&D Team			
		MATERIAL	CHK BY	APP BY	TITLE Polymer Insulator for Transmission (160kN Insulator)	
			DWG BY	CHK BY		
		HEAT TREATMENT	DSN BY	CHK BY		
RELEVANT DWG		DWG DIVISION	R&D Team		SIZE	
PART NO	APPLICABLE ITEM	CORROSION PROTECTION	SCALE	UNIT	mm	DWG NO
			1:1	mm	WEIGHT	A3
SHEET 1 OF 1						