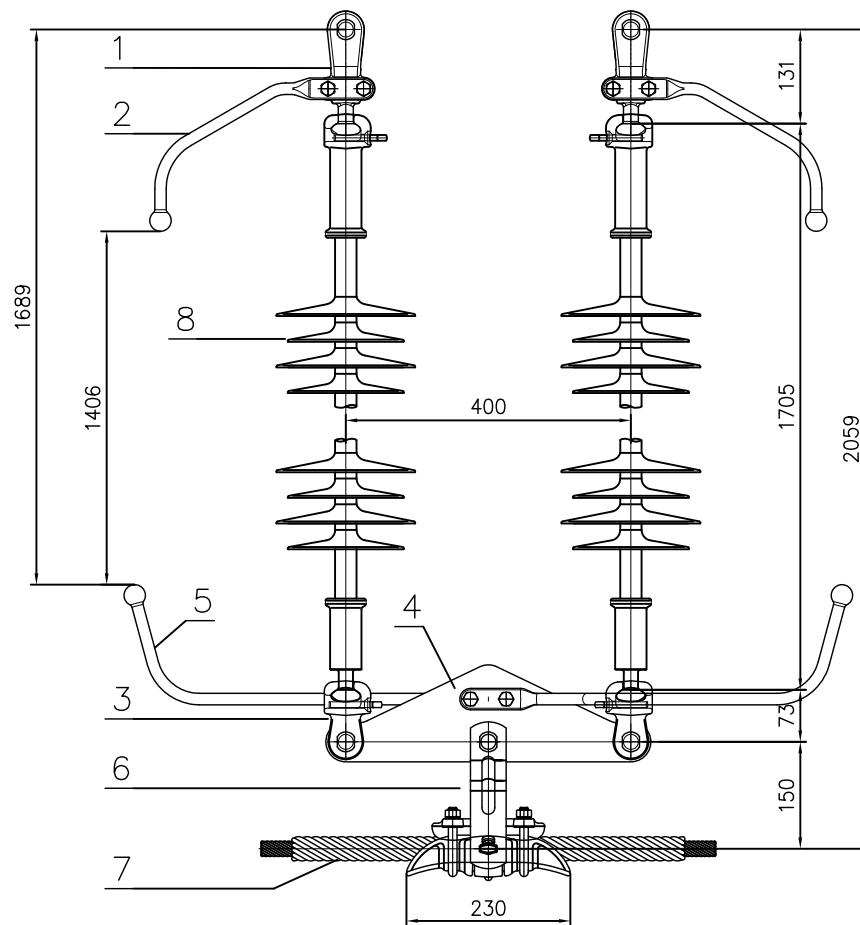


Minimum breaking strength (without suspension clamp) 160kN
Line voltage 110 kV
Conductor ACSR 240/56 mm², Ø22.40 mm
d. f. s. – drop forged steel
h. d. g. – hot dip galvanised
Standard coupling according to IEC 120/20

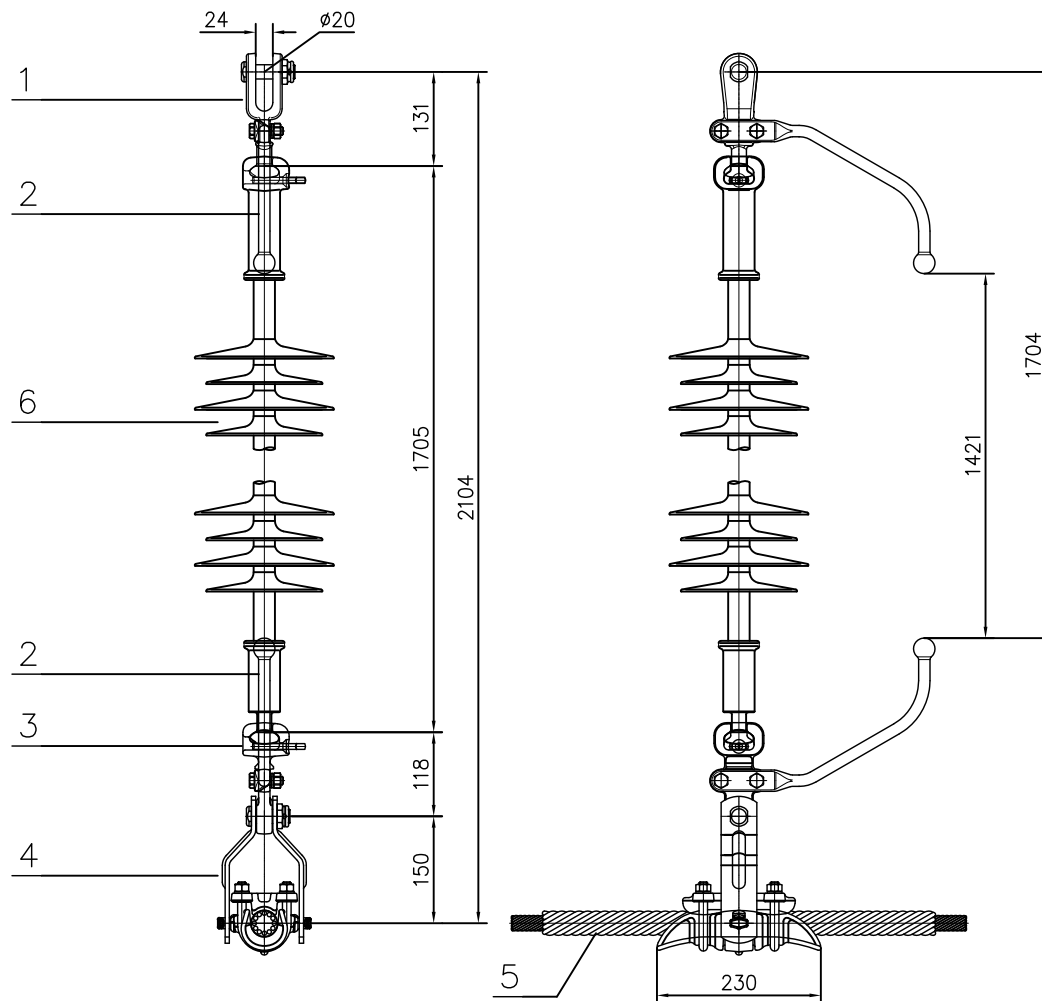
Dry lightning impulse withstand voltage: 805 kV
Wet power frequency withstand voltage: 400 kV
Creepage distance: 4580 mm
Short-circuit current level: 25 kA/s

8	Insulator	2	E01139DD			
7	Armour rod	1	62.21.50	N. A.	al. alloy	
6	Suspension clamp	1	12.37.90.10	120 kN	al. alloy	
5	Arcing horn	2	41.17.26	N. A.	steel	h. d. g.
4	Yoke	1	29.16.40R	240 kN	steel	h. d. g.
3	Socket clevis	2	24.80.10	210 kN	d. f. s.	h. d. g.
2	Arcing horn	2	41.16.25	N. A.	steel	h. d. g.
1	Ball clevis	2	22.59.20	160 kN	d. f. s.	h. d. g.
Item	Description	Pcs.	Catalogue no.	M.B.S.	Material :	Note
Mass : 22.45 kg (without insulators)			11.01.2022.	Signature	Substitute for :	
			Design by :	D. Mikanec	Catalogue number : DN.110.569	
			Checked by :	A.Dogasevic		
			Approved by :	D. Mikanec		
Title :			DOUBLE SUSPENSION SET			Revision 3

Notes:

-All dimensions are in millimetres.

3	Revised		12.4.22.	D. Mikanec
2	Added GAP		6.4.22.	D. Mikanec
1	Changed MBS of Item 4		22.03.22.	D. Mikanec
0	First Submission		19.03.22.	S. Maric
REV	DESCRIPTION/		DATE	BY
PROJECT NAME				
Open Programme Extension of the Transmission Network II				
BMZ No. 2015 68 286				
Contract Identification No. KKW/DSI/OHL-TD-Lot 2				
EMPLOYER				
JSC Georgian State Electrosystem (GSE)				
Baratashvili Street, Tbilisi, Georgia, 0105				
info@gse.com.ge				
ENGINEER				
Fichtner GmbH & Co. KG				
Senveysstrasse 370191 Stuttgart / Germany				
info@fichtner.de				
CONTRACTOR				
Mitas Energy and Metal Constuction Inc.				
Eski Güvercinlik Yolu No: 113 - Gazi Ankara / Turkey				
info@mitastower.com				
VENDOR				
Proizvodnja OSO Ltd.				
Vukomerička 9, 10410, Velika Gorica / Croatia				
product.del@dalekovod.hr				
VENDOR IDENTIFICATION NUMBER / TITLE				
DN.110.569 / 110 kV Double Suspension Set for conductor ACSR 240/56;				
Ø22.4 mm; Zone 1 (>1500 m)				
APPROVAL AREA			STATUS	STAMP
REVIEWED BY	D. Mikanec		AP ☐	
DATE OF REVIEW	16.8.2022.		AC ☐	
			NA ☐	
APPROVED BY	D. Mikanec		TITLE	
CHECKED BY	A. Dogašević		110 kV - Zone 1 - Suspension Sets - Drawing	
DESIGNED BY	D. Mikanec			
DRAWN BY	S. Maric			
DATE OF ISSUE	16.3.2022.			
SCALE	PAGE SIZE	DOC NO.		REV. PAGE
N.A.		7145A07-PO-HFT-DWG-2524		3 2/2



Minimum breaking strength (without suspension clamp) 160 kN
 Line voltage 110 kV
 Conductor ACSR 240/56 mm², Ø22.40 mm
 d. f. s. – drop forged steel
 h. d. g. – hot dip galvanised
 Standard coupling according to IEC 120/20

Dry lightning impulse withstand voltage: 805 kV
 Wet power frequency withstand voltage: 400 kV
 Creepage distance: 4580 mm
 Short-circuit current level: 25 kA/s

6	Insulator	1	E01139DD			
5	Armour rod	1	62.21.50	N. A.	al. alloy	
4	Suspension clamp	1	12.37.90.10	120 kN	al. alloy	
3	Socket tongue	1	24.34.10	210 kN	d. f. s.	h. d. g.
2	Arising horn	2	41.16.25	N. A.	steel	h. d. g.
1	Ball clevis	1	22.59.20	160 kN	d. f. s.	h. d. g.
Item	Description	Pcs.	Catalogue no.	M.B.S.	Material :	Note
Mass : 10.25 kg (without insulators)		11.01.2022.	Signature	Substitute for :		
		Design by :	D. Makanec	Catalogue number : JN.110.569		
		Checked by :	A. Dogasevic			
		Approved by :	D. Makanec			
Title :		SINGLE SUSPENSION SET				Revision 3

Notes:

-All dimensions are in millimetres.
