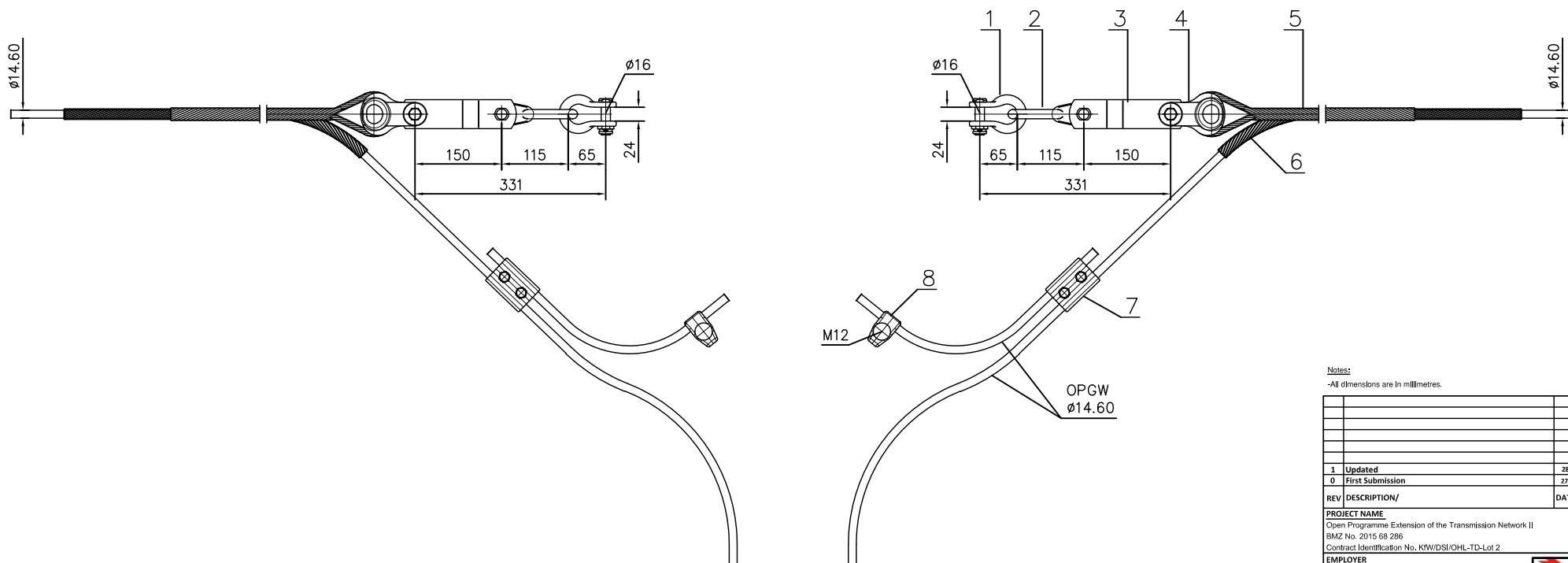




Minimum breaking strength (without tension set) 120 kN
 Optical ground wire (OPGW): ACS 120 mm², Ø14.60 mm
 d. f. s. – drop forged steel
 h. d. g. – hot dip galvanized : acc. to EN ISO 1461
 m. i. – malleable cast iron

Notes:

-All dimensions are in millimetres.

1	Updated	28.4.22	D. Mikanec
0	First Submission	27.4.22	D. Mikanec
REV	DESCRIPTION/	DATE	BY
PROJECT NAME Open Programme Extension of the Transmission Network II BMZ No. 2015 68 286 Contract Identification No. KIW/DSI/OHL-TD-Lot 2			
EMPLOYER JSC Georgian State Electrosystem (GSE) Baratskhvili 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 - Gazl - Ankara / Turkey info@mitastower.com			
VENDOR Protzvodnja OSO Ltd. Vukomerička 9, 10410, Velička Gorica / Croatia product.del@dalekovod.hr			
VENDOR IDENTIFICATION NUMBER / TITLE ZZ.213.22B / Splicing Tension set for OPGW 120; Ø14.6 mm			
APPROVAL AREA		STATUS	STAMP
REVIEWED BY	D. Mikanec	AP	☐ AC NA
DATE OF REVIEW	27.4.2022.	NA	
APPROVED BY	D. Mikanec	TITLE	
CHECKED BY	A. Dogasević	110 kV - OPGW 120 - Tension Set Drawing	
DESIGNED BY	D. Mikanec		
DRAWN BY	S. Marić		
DATE OF ISSUE	27.4.2022.		
SCALE	PAGE SIZE	DOC NO.	REV. PAGE
N.A.	1	7145A07-PO-HFT-DWG-2613	1 2/2

8	Ground clamp	2	73.13.62.40	al. alloy	N.A.	
7	Parallel groove clamp	2	77.35.12	al. alloy	N.A.	
6	Armour rod	2	SP – 14.60	alumoweld	N.A.	
5	Dead end for self supporting	2	SO – 14.60	alumoweld	N.A.	
4	Thimble clevis	2	G – 16	m. i.	125	h. d. g.
3	Extension link	2	26.41.70.2BB	steel	125	h. d. g.
2	Eye tongue	2	21.33.40	d. f. s.	120	h. d. g.
1	Shackle	2	27.08.10	d. f. s.	120	h. d. g.
Item	Description	Pcs.	Catalogue no.	Material	M.B.S.	Note
Mass : 15.80 kg		Date: 27.04.2022.	Name	Signature	Substitute for :	
		Design by :	D. Makanec		Catalogue number : ZZ.213.22B OPGW	
		Checked by :	A.Dogasevic			
		Approved by:	D. Makanec			
Title :			TENSION SET –SPlicing TYPE			Revision
			– for OPGW Ø14.60 mm –			1

