

NOUVELLE LIGNE LYON TURIN - NUOVA LINEA TORINO LIONE
PARTIE COMMUNE FRANCO-ITALIENNE - PARTE COMUNE ITALO-FRANCESE
CUP C11J05000030001

Chantier Opérationnel 04C / Cantiere Operativo 04C

CIG ZA930168C7

TRAVAUX PREPARATOIRES, DE PROTECTION ET MAINTENANCE DES CHANTIERS DE
TELT POUR LA REALISATION DE L'ECHANGEUR DE CHIOMONTE /
ATTIVITA' PRELIMINARI, DI PROTEZIONE E DI MANTENIMENTO DEI CANTIERI DI TELT
PER LA REALIZZAZIONE DELLO SVINCOLO DI CHIOMONTE

AS BUILT DU PONT BAILEY / AS BUILT DEL PONTE BAILEY
Impalcato - Schede dei componenti modulari

Indice	Date / Data	Modifications / Modifiche	Etabli par / Concepito da	Vérifié par / Controllato da	Autorisé par / Autorizzato da
0	12/09/2021	Prima emissione AS BUILT Première diffusion AS BUILT	GM	GM	AvdW
A	18/10/2022	Emission in formato AP Diffusion au format AP	GM	GM	AvdW

0	4	C	2	1	0	0	0	4	0	A	L	0	0	0	1
Cantiere Operativo Chantier Opérationnel			Contratto Contrat					Opera Ouvrage		Tratto Tronçon	Parte Partie				

A	P	L	O	C	0	0	0	5	A
Fase Phase	Tipo documento Type de document	Oggetto Objet		Numero documento Numéro de document			Indice Index		

Varie
SCALA / ÉCHELLE
-
Indirizzo / Adresse GED ID DMS

A	P
Stato / Statut	

IL PROGETTISTA/LE DESIGNER

IG INGEGNERIA GEOTECNICA srl
C.so Matteveccio, 50 - 10129 Torino
Tel: (011) 5611811/fax (011) 5620568
e-mail: ig@ingegneriageotecnica.com

Valter PEISINO Ingegnere



L'APPALTATORE/L'ENTREPRENEUR

A.T.I. BORODIACOMO
INGEGNERIA GEOTECNICA

Ecoval

IL DIRETTORE DEI LAVORI/LE MAÎTRE D'ŒUVRE



Durante il montaggio e il varo i muri paraghiaia non devono essere realizzati e le eventuali armature fuoriuscenti dalla fondazione devono essere ripiegate in modo che la loro sporgenza dall'estradosso della fondazione non superi i 20 cm

Prima dell'inizio delle operazioni di varo il Committente deve:

- realizzare le fondazioni
- predisporre i piazzali di varo e di stoccaggio (realizzati con materiale drenante e ben rullato, accessibili a mezzi pesanti quali autogrù e autoarticolati)

Fondazioni e supporti intermedi per travi di estremità: realizzazione a cura e onere del Committente

Piastre da predisporre nelle fondazioni: progetto della connessione alla sotto-struttura, fornitura e posa a cura e onere del Committente

Saldature degli appoggi alle piastre predisposte: realizzazione a cura e onere del Committente

JANSON PANEL BRIDGE JPB
Configurazione strutturale 2L TSR3
Lunghezza: 27,43 m
Larghezza della carreggiata: 7,37 m

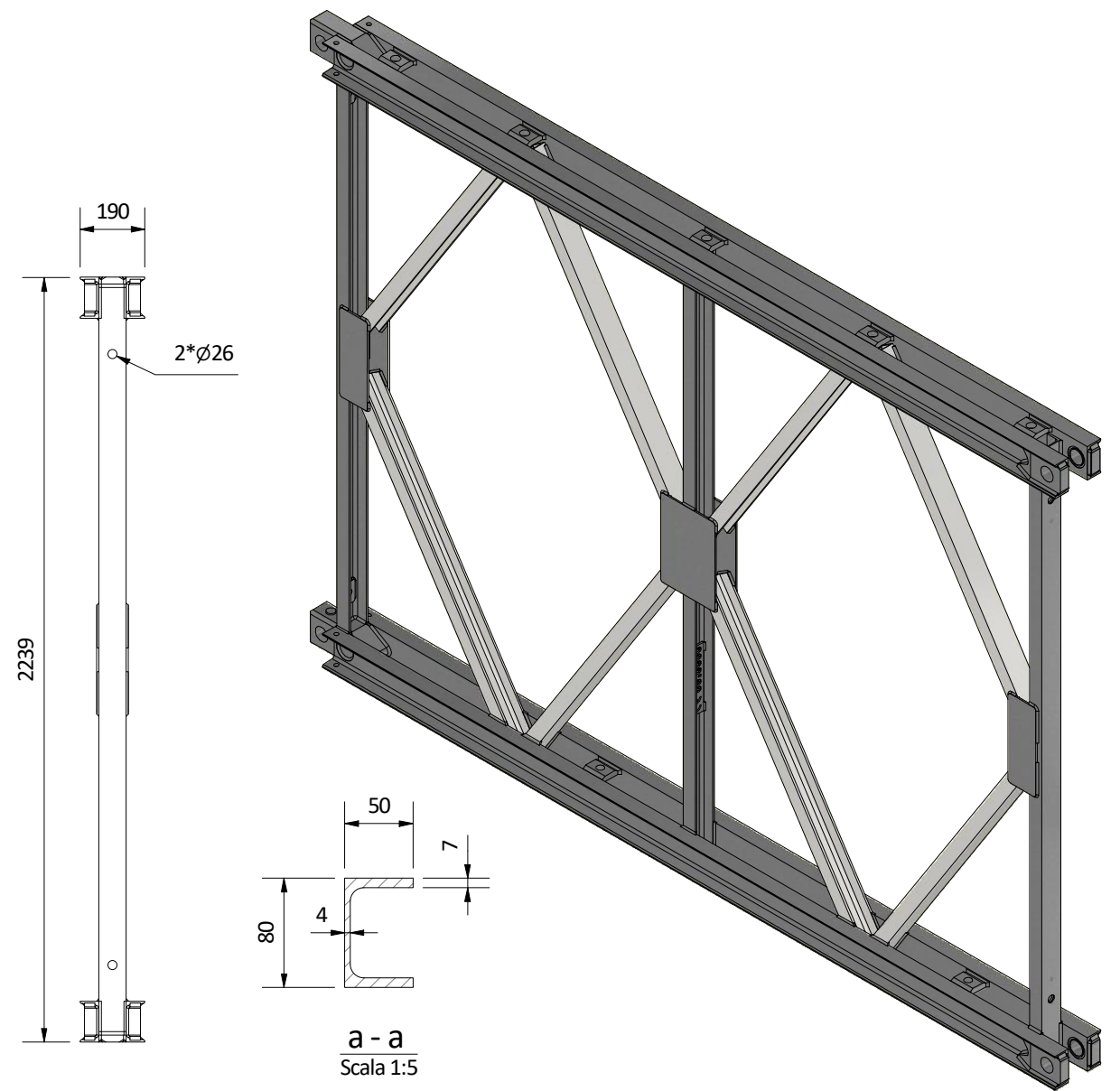
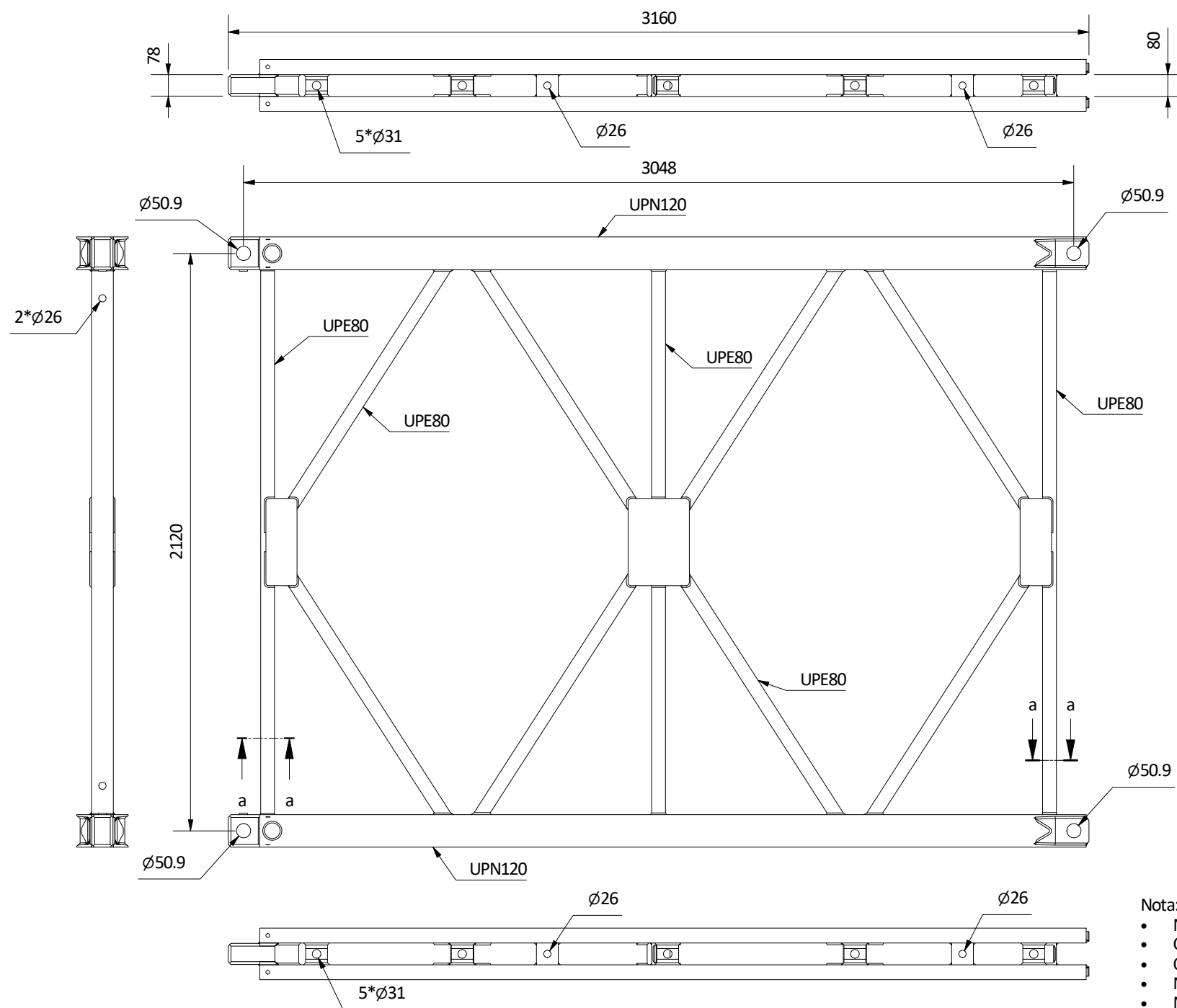
APPARECCHI DI APPOGGIO
Apparecchi a disco elastomerico ("Pot bearings") secondo UNI EN 1337-5
Fornitore: GUMBA GmbH & Co. KG

CONDIZIONI DI CARICO:
Ponte per carichi stradali secondo NTC2018 – EN1991-2



CLIENTE: Impresa BORIO GIACOMO

0	Emesso per esecuzione (RELEASED)	GM		15.10.2021
Revisione	Oggetto	Dis.	Contr.	Data
Tutte le misure sono in millimetri, salvo diversa indicazione				
Bulloni: classe 8.8 , salvo diversa indicazione		<p>a = altezza gola l = lunghezza della saldatura e = distanza tra saldature banderuola = saldatura in cantiere cerchio = su tutto il perimetro</p> <p>a = keelhoogte l = lengte van de las e = afstand tussen de lassen Vlag = montage las Cirkel = las rondom</p>		
Bulloni materiale e qualità o equivalente consentito				
Descrizione del progetto:		Disegnato: GM		
Ponte JPB-T 2L TSR3, L=27,43 m, B=7,37 m		Approvato:		
Oggetto:		Data: 15.10.2021		
SCHEDE DEI COMPONENTI MODULARI		Scala: 1:100		
<p>Via Pusterla, 5 25128 Brescia Italia</p> <p>+39 030 3367844 info@jansonbridging.it www.jansonbridging.it</p>		Progetto numero: JBIT0459		
		Disegno numero: GA-JPB-IT0459-002		
		Stato: RELEASED		Formato: A4/A3
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Nota:

- Norma armonizzata di prodotto: UNI EN 1090-1:2012
- Classe di Esecuzione EXC3 in accordo a UNI EN 1993-1-1:2014, Annesso C
- Qualità degli acciai in accordo a Norme Tecniche per le Costruzioni (DM 17.01.2018), cap. 11.3.4
- Norma armonizzata degli elementi in acciaio: UNI EN 10025-1:2005
- Norma armonizzata degli elementi in acciaio: UNI EN 10210-1:2006
- Norma armonizzata degli elementi in acciaio: UNI EN 10219-1:2006
- Processi di trasformazione in accordo a norma UNI EN 1090-2:2018
- Processo di saldatura in accordo a norma UNI EN ISO 3834-2:2006
- Processo di protezione dalla corrosione (zincatura a caldo) in accordo a norma UNI EN ISO 1461:2009
- Tolleranze dimensionali essenziali e funzionali (livello 2) in accordo a norma UNI EN 1090-2:2018, Annesso B, par. B.2

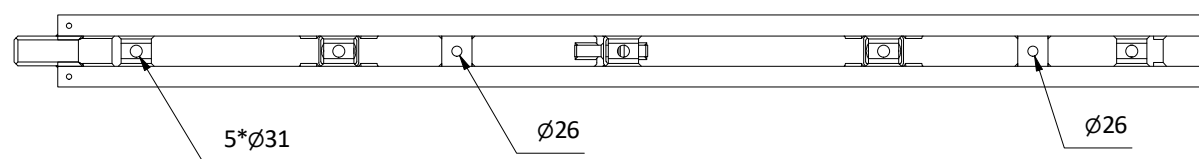
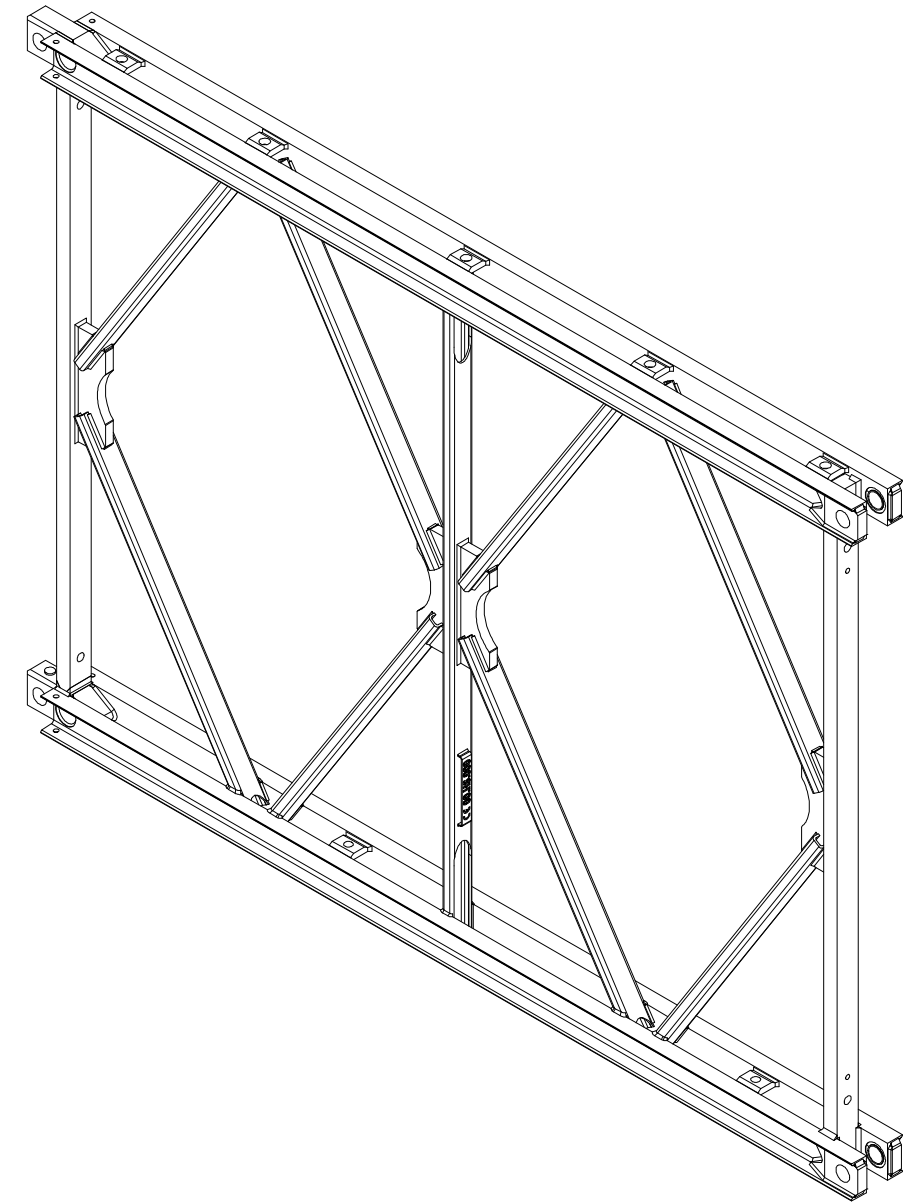
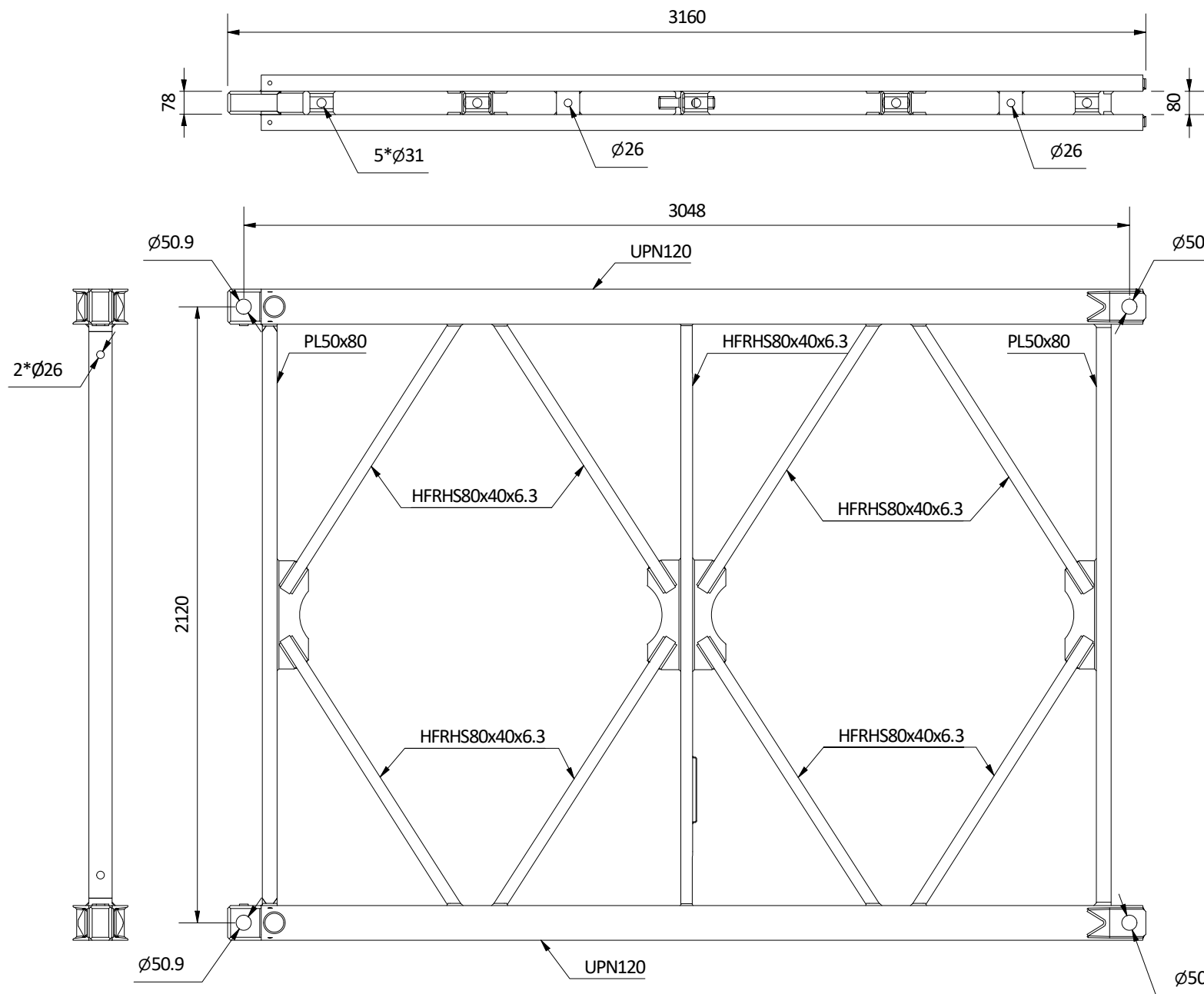
ELENCO ASSEMBLAGGIO ELEMENTI

Parte	Profilo	Condizioni tecniche di fornitura	Materiale	Lunghezza	Quantità	Peso (kg)	Peso totale (kg)
JPB-P0001	UPN120	EN 10025-4:2019	S460M	3034	4	40,0	159,9
JPB-P0003	UPE80	EN 10025-4:2019	S460M	2180	1	17,2	17,2
JPB-P0004	UPE80	EN 10025-4:2019	S460M	2180	1	17,2	17,2
JPB-P0005	UPE80	EN 10025-4:2019	S460M	1176	8	9,3	74,4
JPB-P0007	PL42x98	EN 10025-2:2019	S355K2+N	202	4	3,5	13,9
JPB-P0008	PL6x115	EN 10025-2:2019	S355J2	320	4	1,7	6,9
JPB-P0009	PL6x225	EN 10025-2:2019	S355J2	320	2	3,4	6,8
JPB-P0010	PL20x80	EN 10025-2:2019	S355J2+N	80	10	0,7	7,4
JPB-P0011	PL20x80	EN 10025-2:2019	S355J2+N	80	4	0,8	3,1
JPB-P0242	PL80x125	EN 10025-2:2019	S355K2+N	259	2	14,8	29,6
JPB-P0418	UPE80	EN 10025-4:2019	S460M	1994	1	15,8	15,8
JPB-P0422	PL6x64	EN 10025-2:2019	S235JR	245	1	0,5	0,5
JPB-P0423	PL6x53	EN 10025-2:2019	S355J2	80	4	0,2	0,7

Peso totale : 371,4 kg (inclusi materiali d'apporto e zincatura)

Revisione	Oggetto	Dis.	Contr.	Data
	Tutte le misure sono in millimetri, salvo diversa indicazione			
Descrizione del progetto:		Disegnato: A. Boogaard		
Standard panel A		Approvato: A. van der Wiel		
Oggetto:		Data: 04/08/2020		
Scheda tecnica Standard panel A		Scala: 1:20		
 JANSON BRIDGING COME ACROSS Via Pusterla, 5 25128 Brescia Italia +39 030 3367844 info@jansonbridging.it www.jansonbridging.it		Progetto numero: JPB-001A		
		Disegno numero: JPB-001A-3 (IT)		
Stato:		RELEASED		Formato: A3

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NOTES:

- Total weight assembly JPB-002B is 515,8 kg (incl. conservation)
- The conservation is Hot dip galvanised
- Main steel material S460M
- Execution class 3 (EN 1090)

Revision	Revision description	Rev.	App.	Revision date
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All dimensions in millimeters unless noted otherwise

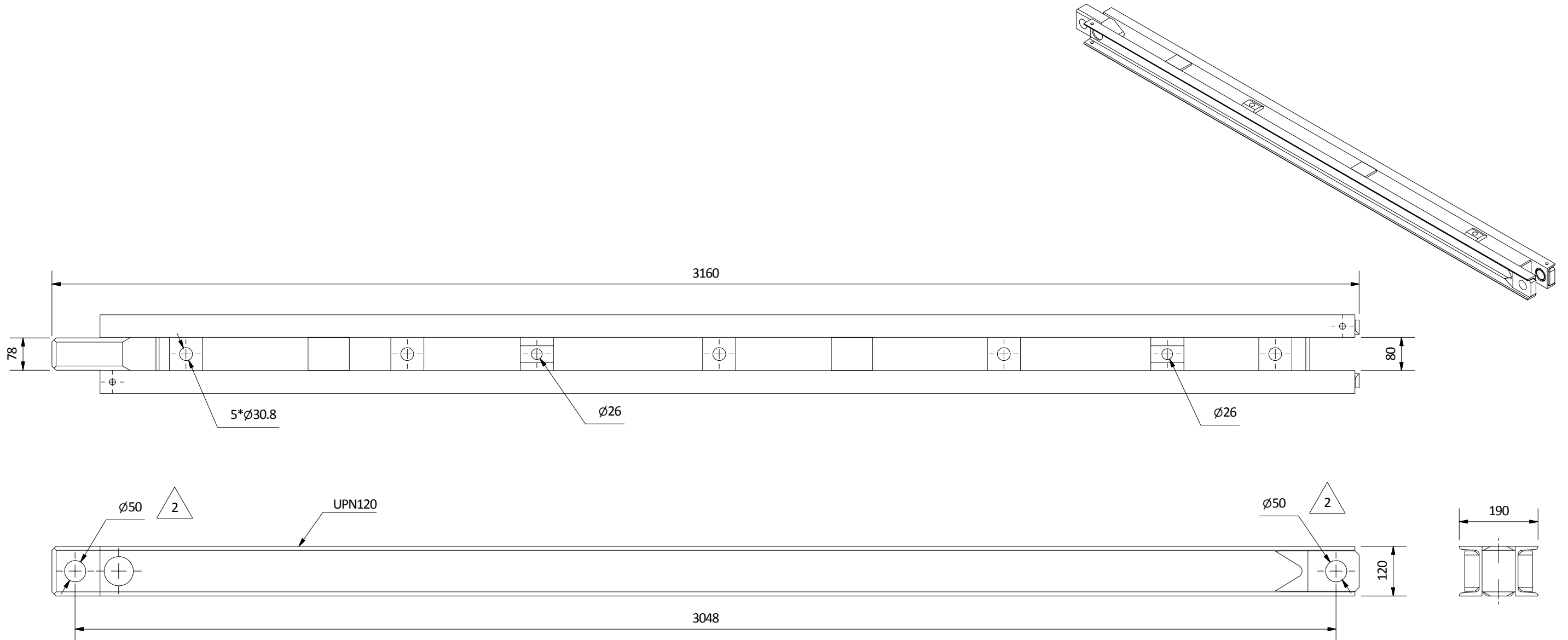
Project description: Janson Bridging design	Drawn: A. Boogaard
Subject: Data sheet high shear panel	Approved: N. Kuijpers
	Date: 04/02/2021
	Scale: 1 : 20
	Project number: -
	Number: JPB-002B-1
	Status: RELEASED
	Size: A3

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NOTES:

- Execution class 3 (EN 1090) 2
- Total weight assembly JPB-006 is 113,1 kg (incl. conservation)
- The conservation is Hot dip galvanised
- Main steel material S460M

Revision	Revision description	Rev.	App.	Revision date
2	Added note + changed dimension	LvdB	NK	25-2-2019
1	Layout change	DLe	GG	03-08-2018

All dimensions in millimeters unless noted otherwise

Project description:	Drawn: D. Leijten
Janson Bridging design	Approved: G. Goethals
Subject:	Date: 3-8-2018
Data sheet reinforcing chord 3,048m	Scale: 1 : 10
	Project number:
	Number:
	JPB-006-1
	Status:
	RELEASED
	Size:
	A3

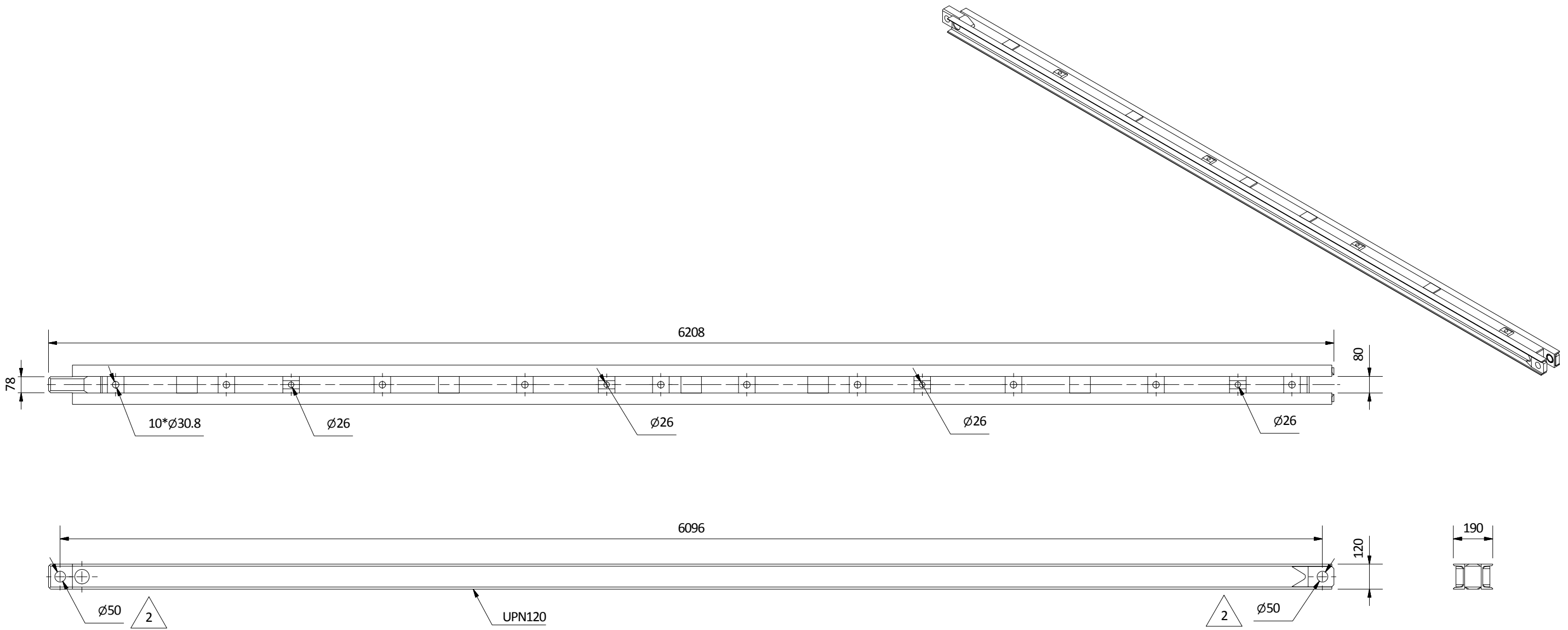


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NOTES:

- Execution class 3 (EN 1090) 2
- Total weight assembly JPB-007 is 205 kg (incl. conservation)
- The conservation is Hot dip galvanised
- Main steel material S460M

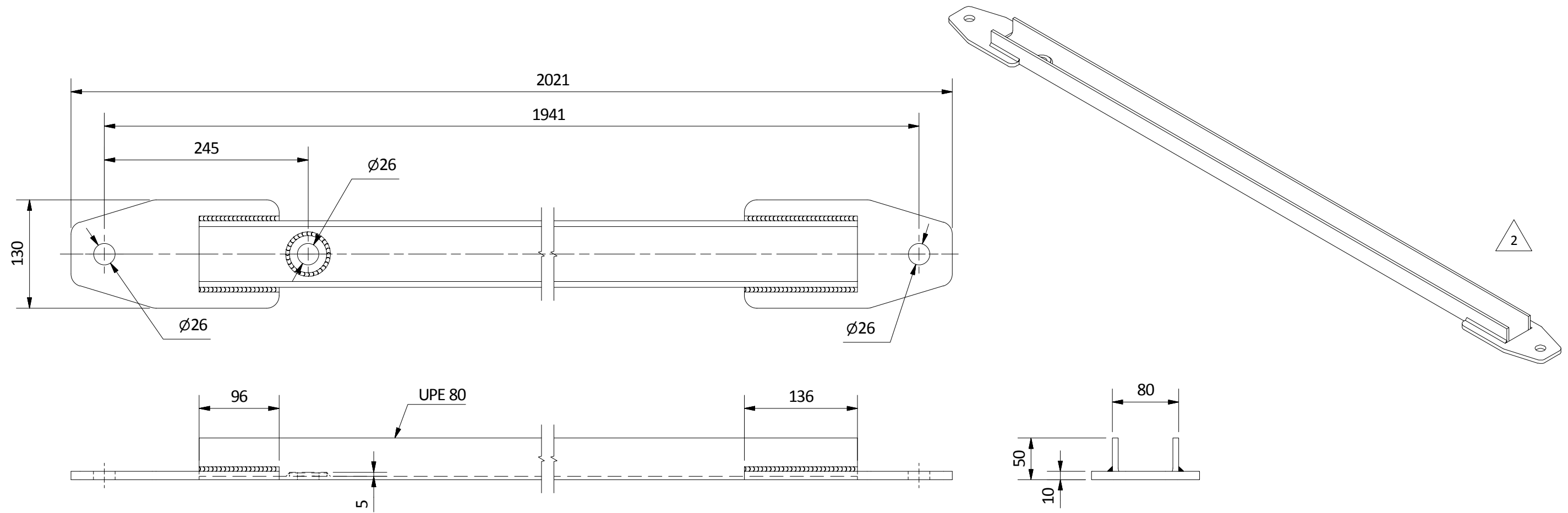
Revision	Revision description	Rev.	App.	Revision date
2	Added note + changed dimensions	LvdB	NK	26-2-2019
1	Layout change	DLe	GG	03-08-2018

All dimensions in millimeters unless noted otherwise

Project description:	Drawn: D. Leijten
Janson Bridging design	Approved: G. Goethals
Subject:	Date: 3-8-2018
Data sheet reinforcing chord 6,096m	Scale: 1 : 20
	Project number:
	-

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		Number: JPB-007-1	Size: A3
Status: RELEASED			

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NOTES

- Total weight assembly JPB-020 is 17.7 kg (incl. conservation)
- The conservation is Hot dip galvanized
- Main material is S460M
- Execution class 3 (EN 1090)



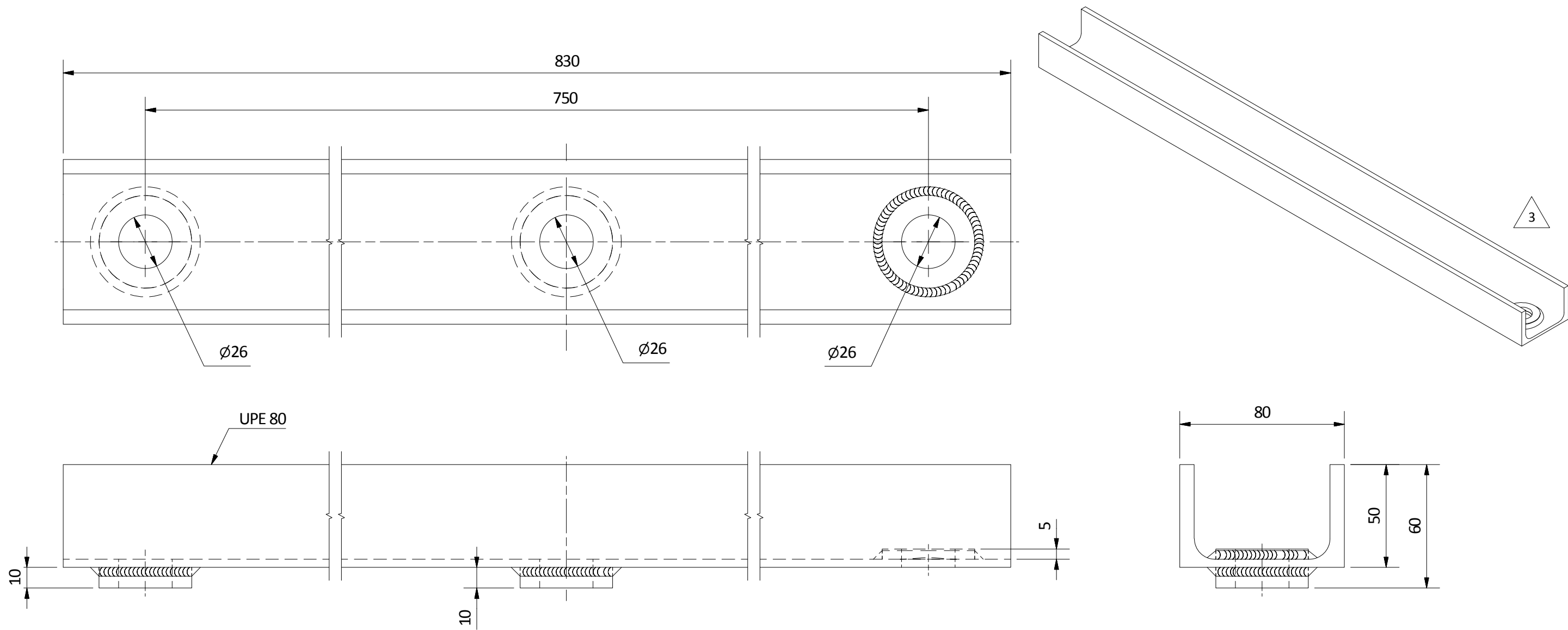
Revision	Revision description	Rev.	App.	Revision date
2	Changed note + changed 3D view	LvdB	NK	28-02-2019
1	Square plate replaced with round plate and dimensions added	JH	NK	30-6-2016

All dimensions in millimeters unless noted otherwise

Project description:	Drawn: D. Leijten
Design JPB	Approved: N. Kuijpers
Subject:	Date: 28-6-2016
Data sheet raker	Scale: 1:5
	Project number:
	-

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			Status:	RELEASED
			Size:	A3

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NOTES

- Total weight assembly JPB-021 is 7.1 kg (incl. conservation)
- The conservation is Hot dip galvanized
- Main material is S460M
- Execution class 3 (EN 1090) 3

Revision	Revision description	Rev.	App.	Revision date
3	Changed note + changed 3D view	LvdB	NK	28-02-2019
2	Square plate replaced with round plate and dimensions added	JH	NK	30-6-16
1	Layout changed	MdG	NK	23-10-13

All dimensions in millimeters unless noted otherwise

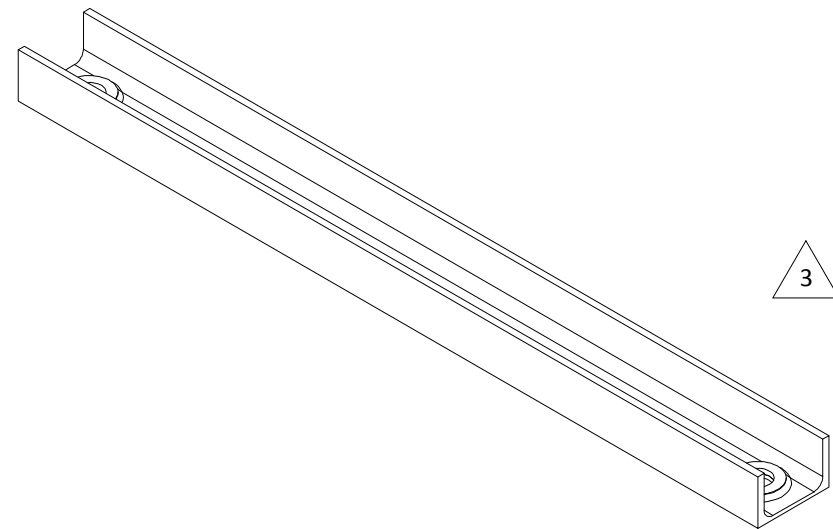
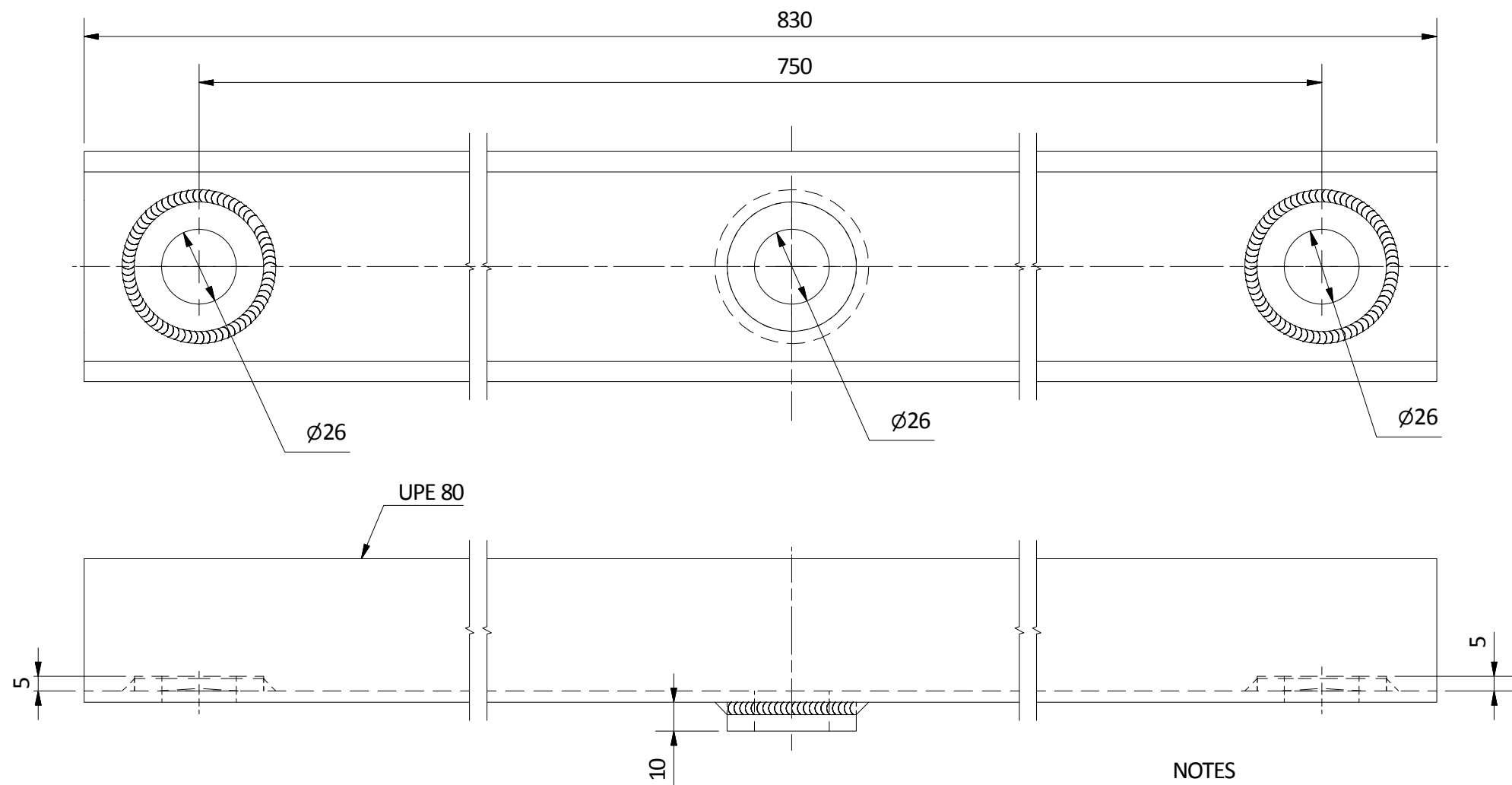
Project description:	Drawn: D. Leijten
Design JPB	Approved: N. Kuijpers
Subject:	Date: 28-6-2016
Data sheet Truss brace type 1	Scale: 1:2
	Project number:

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Number: JPB-021-1	Size: A3
Status: RELEASED	



NOTES

- Total weight assembly JPB-022 is 7 kg (incl. conservation)
- The conservation is Hot dip galvanized
- Main material is S460M
- Execution class 3 (EN 1090)



3	Changed note + changed 3D view	LvdB	NK	28-02-2019
2	Square plate replaced with round plate and dimensions added	JH	NK	30-6-16
1	Layout changed	MdG	NK	23-10-13
Revision	Revision description	Rev.	App.	Revision date

Production tolerances according to EN 1090 permitted deviation class 2 (excl. linear dimensions)

Dimensional tolerances for linear dimensions						
Nominal size	0 - 6	6 - 30	30 - 120	120 - 315	315 - 1000	> 1000
Tolerance	± 0.1	± 0.3	± 0.5	± 0.8	± 1.2	± 2.0

Projection	Sharp edges, fillets, corners and welds must be rounded or smoothed (min. r=0.5)	
	All dimensions in millimeters unless noted otherwise	Ra < 12.5 µm, u.n.o.

Project description:	Drawn: D. Leijten
Design JPB	Approved: N. Kuijpers
Subject:	Date: 28-6-2016
Data sheet Truss brace type 2	Scale: 1:2
	Project number:

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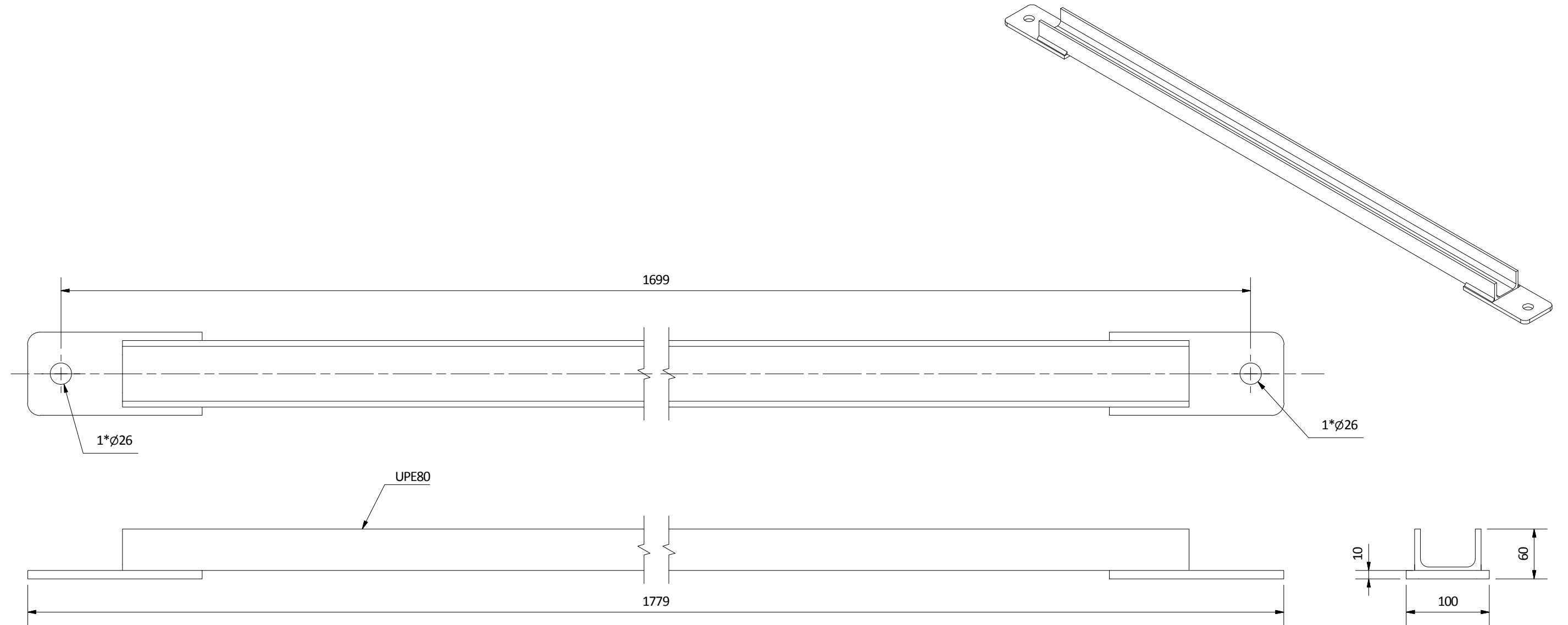
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Number: JPB-022-1	Size: A3
Status: RELEASED	

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NOTES:

- Total weight assembly JPB-023 is 16,2 kg (incl. conservation)
- The conservation is Hot dip galvanised
- Main steel material S460M
- Execution class 3 (EN 1090)



Revision	Revision description	Rev.	App.	Revision date
2	Added note	LvdB	NK	27-2-2019
1	Layout change	DLe	GG	03-08-2018

All dimensions in millimeters unless noted otherwise

Project description:	Drawn: D. Leijten
Janson Bridging design	Approved: G. Goethals
Subject:	Date: 3-8-2018
Data sheet truss brace diagonal	Scale: 1:5

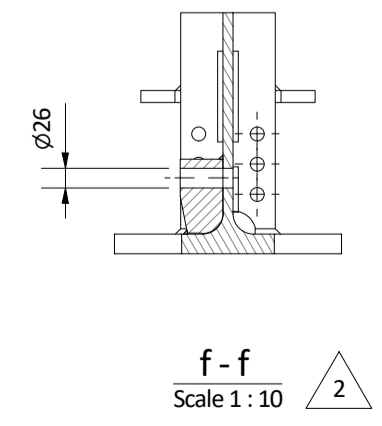
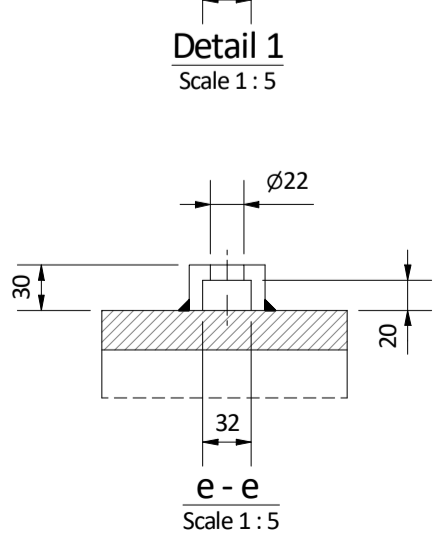
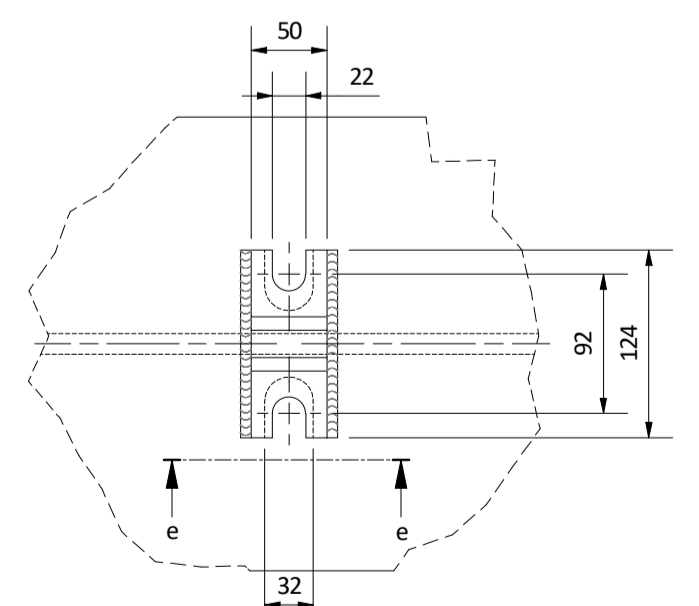
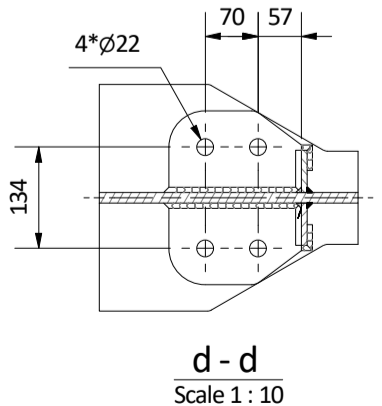
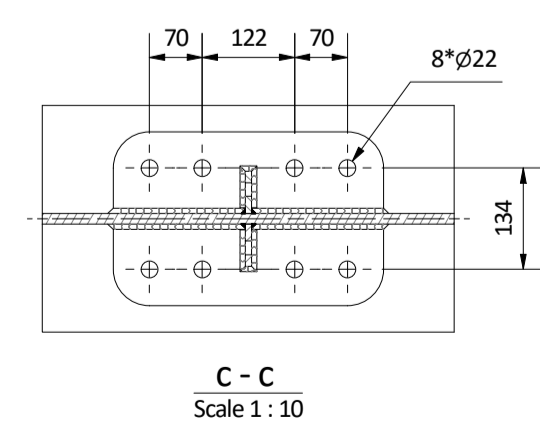
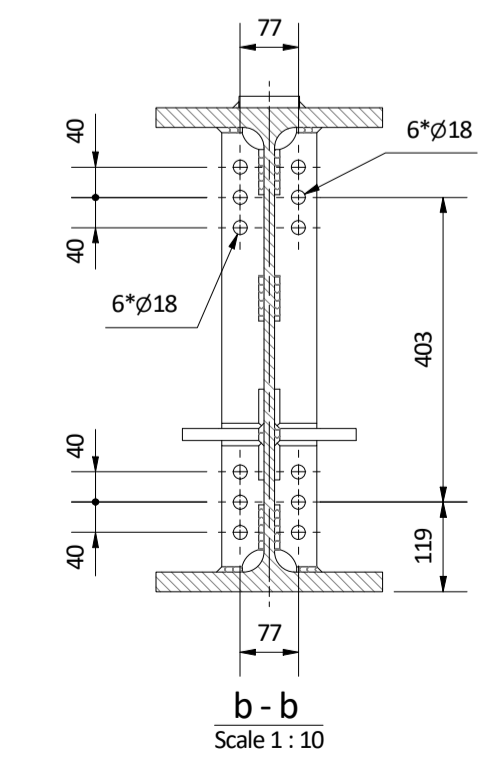
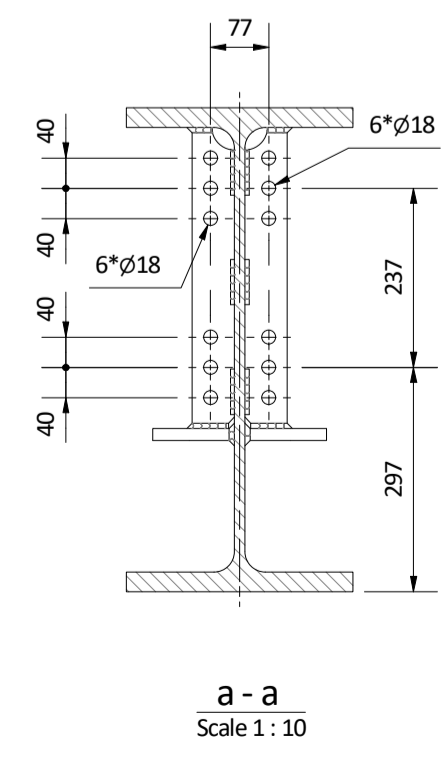
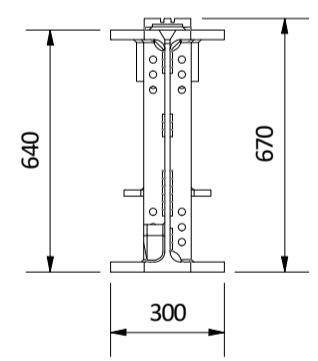
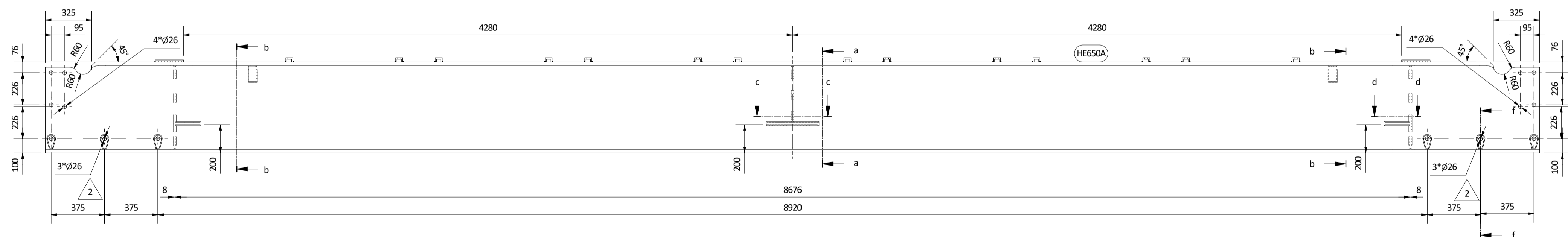
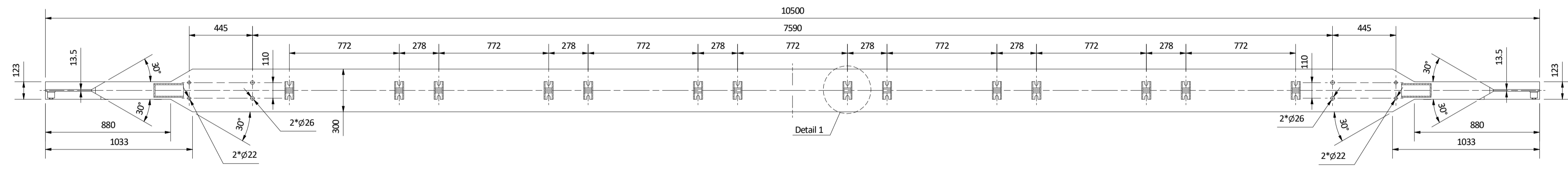
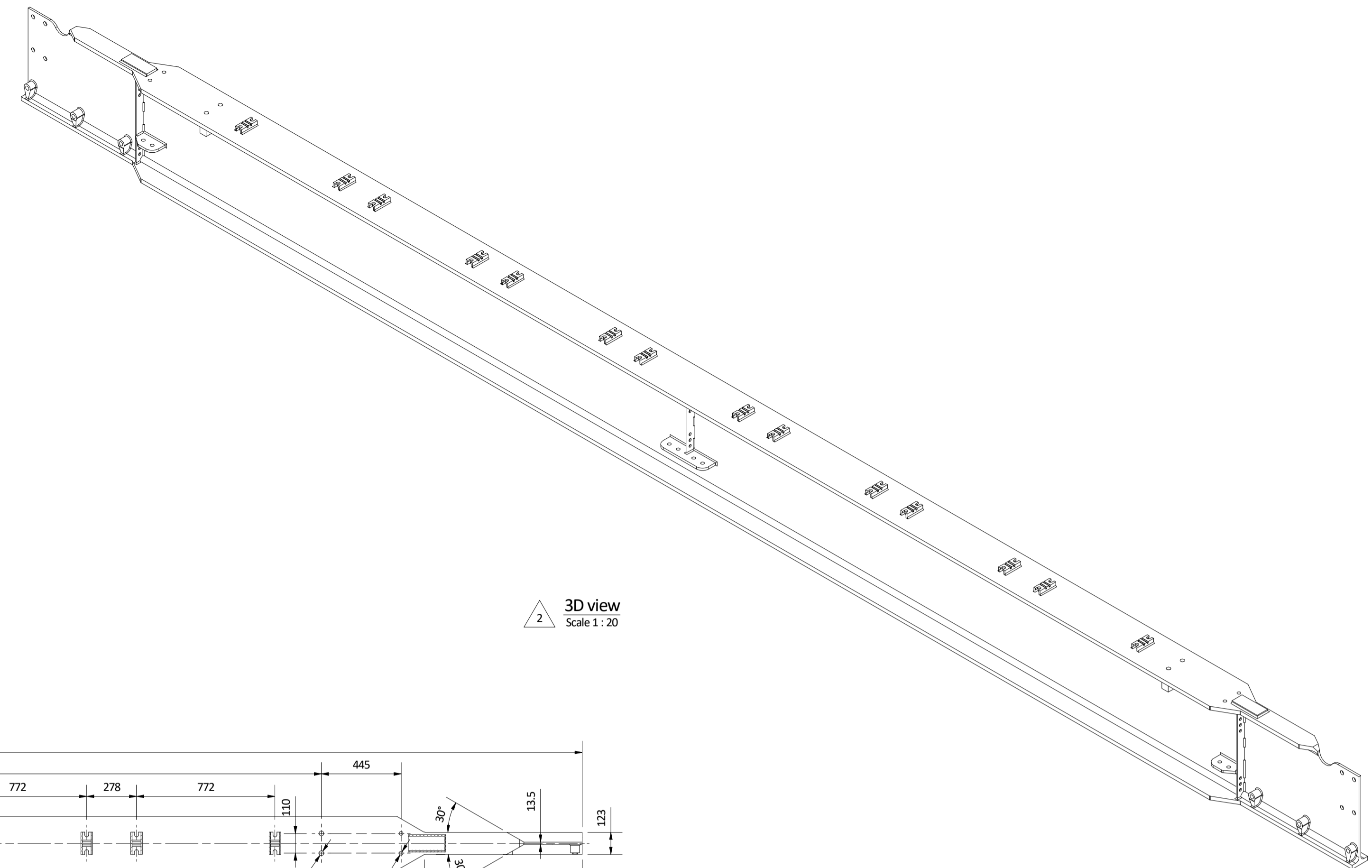
Project number:		-	
Number:		JPB-023-1	
Status:	Size:	RELEASED A3	

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- NOTES:
- Total weight assembly JPB-092 is 1970,1 kg (incl. conservation)
 - The conservation is Hot dip galvanised
 - Main steel material S460M
 - Main profile is HE650A
 - Execution class 3 (EN 1090)

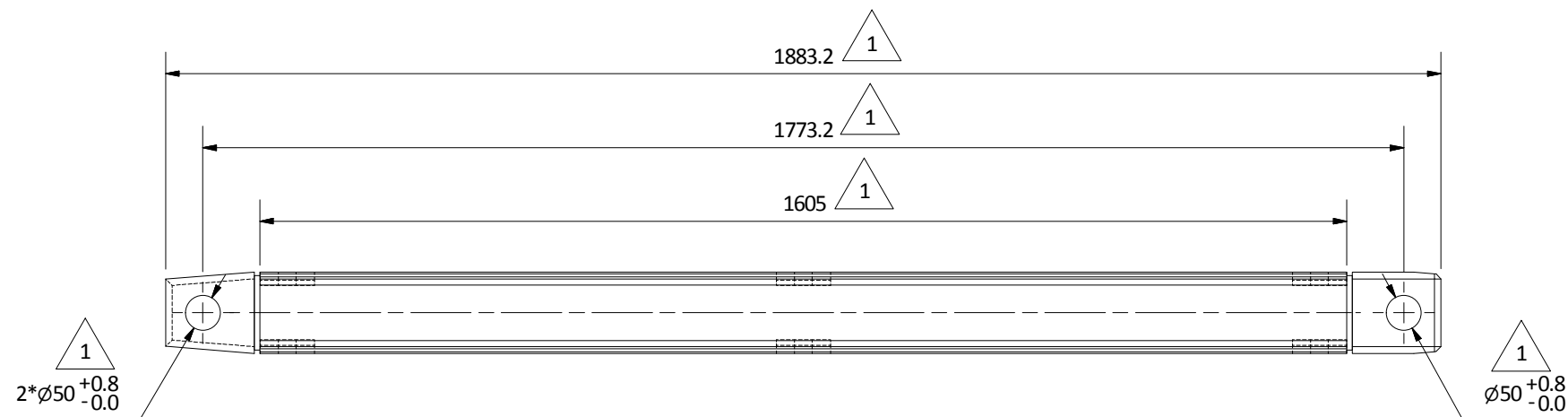
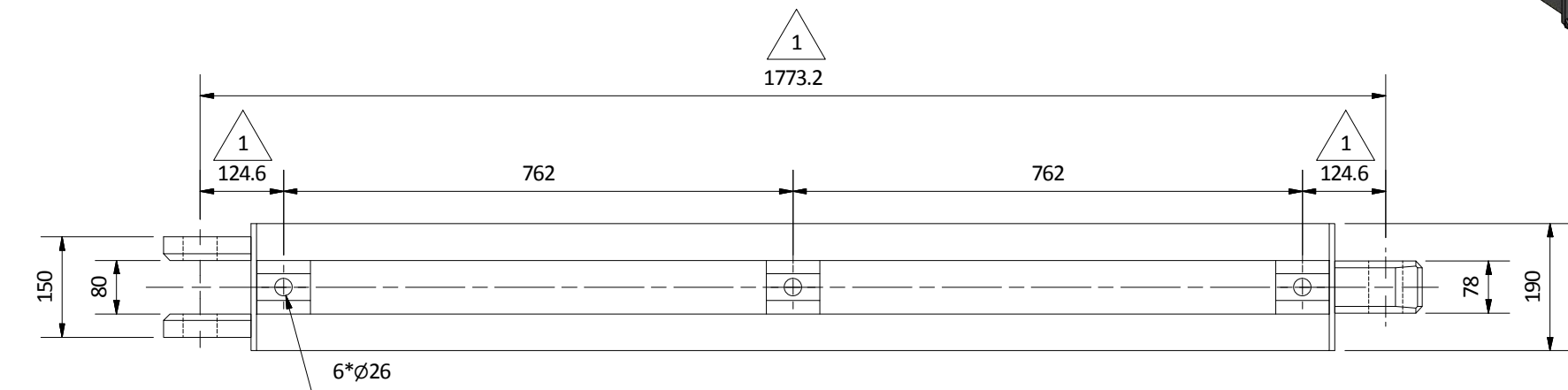
Revision	Revision description	Rev.	App.	Revision date
2	Changed 3D view, dimensions and note, added section f-f, added bushings	AB	NK	11-12-2020
1	Changed hole dimensions and cut-outs. Changed name	BdO	AvdW	17-7-2017

All dimensions in millimeters unless noted otherwise

Project description:
Janson Bridging design
 Subject:
Data sheet transom two lane (HE650A 8920 C to C)

Drawn: B. den Otter
 Approved: N. Kuipers
 Date: 02/05/2017
 Scale: 1:20
 Project number:
 Number: JPB-092-1
 Status: RELEASED
 Size: A1





NOTES:

- Total weight assembly JPB-045 is 67,8 kg (incl. conservation)
- The conservation is Hot dip galvanised
- Main steel material S460M

1	Changed the geometry & added additional tolerances + details	JH	NK	08-02-2018
Revision	Revision description	Rev.	App.	Revision date

All dimensions in millimeters unless noted otherwise

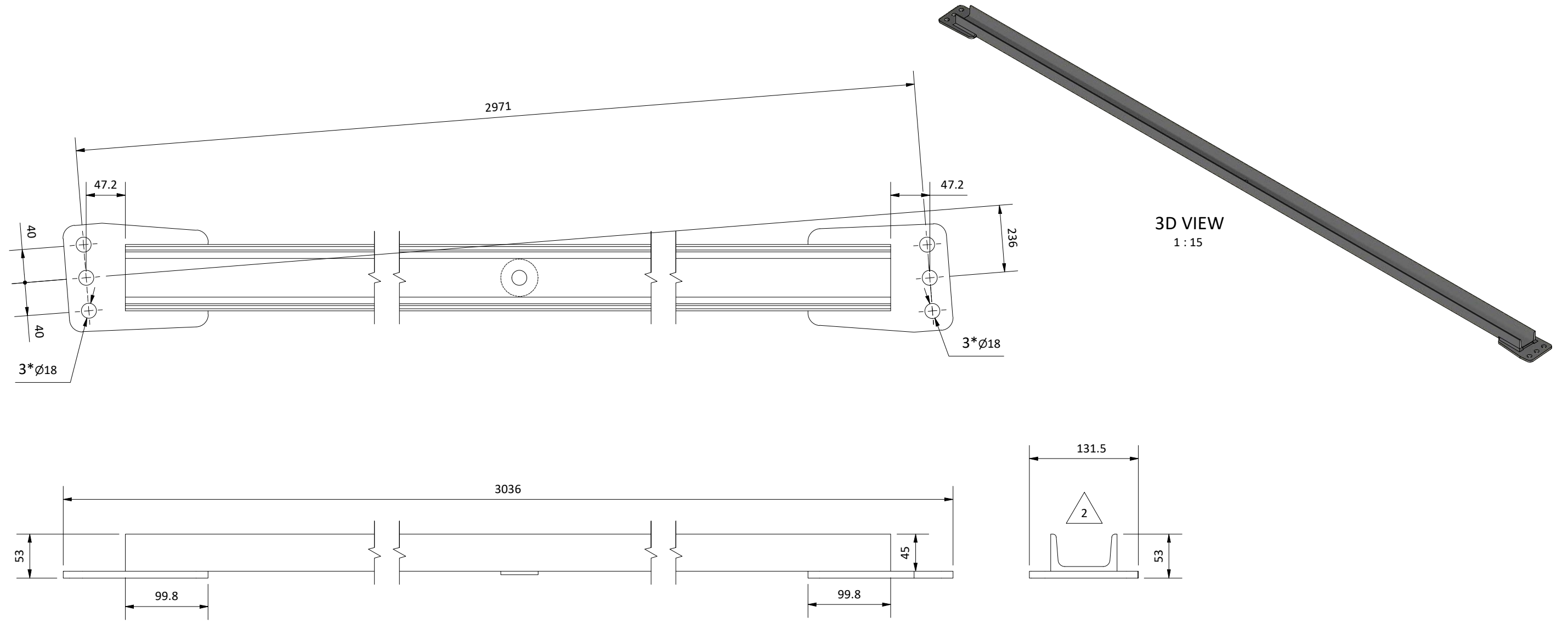
Project description: Janson Bridging design	Drawn: J. Hoekstra
Subject: Data sheet Male and female endpost	Approved: N. Kuijpers
	Date: 1-5-2017
	Scale: 1:10
	Project number: -
	Number: JPB-045-1
	Status: RELEASED
	Size: A3

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3D VIEW
1 : 15

NOTES:

- Total weight assembly JPB-070 is 28,8 kg (incl. conservation)
- The conservation is Hot dip galvanised
- Main steel material S355J2

Revision	Revision description	Rev.	App.	Revision date
2	Changed profile to UPN80	AB	NK	21-10-2020
1	Chamber boss + layout changed	JH	NK	28-11-2016

All dimensions in millimeters unless noted otherwise

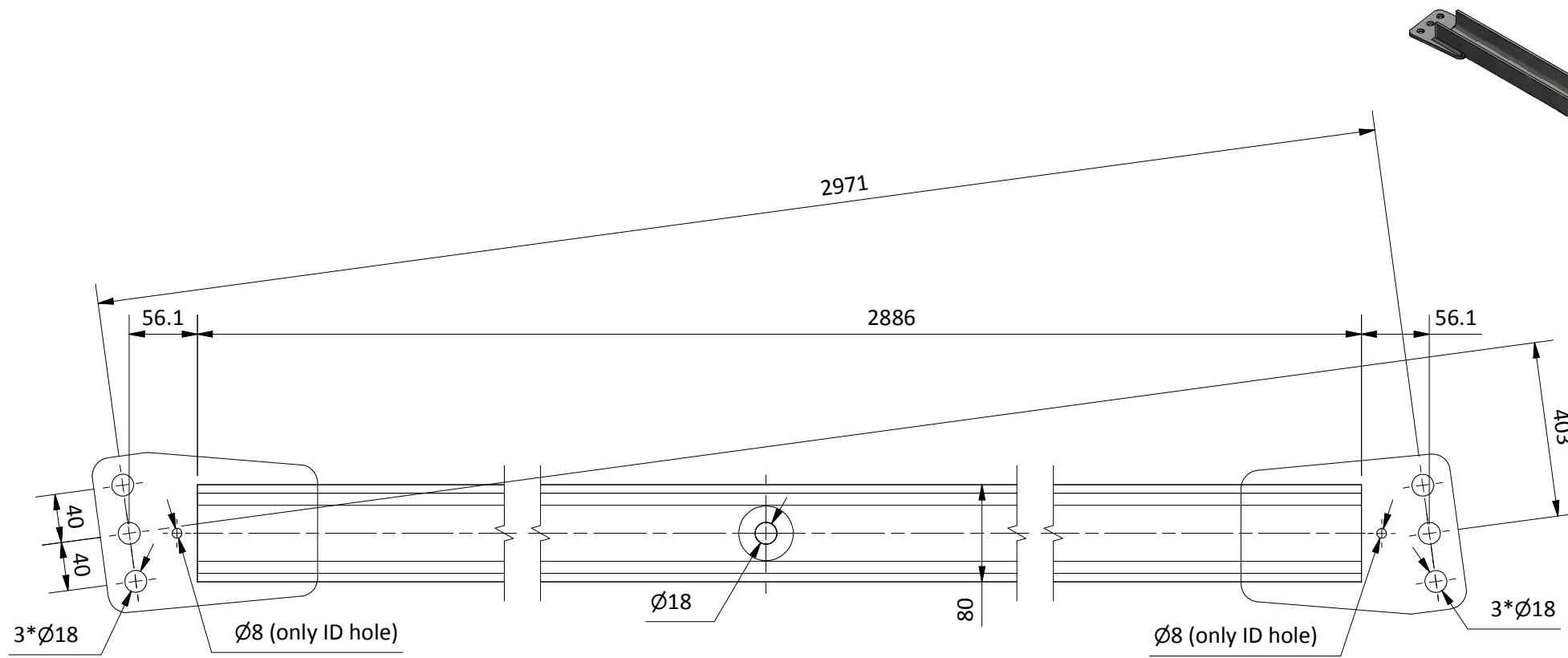
Project description:	Drawn: J. Hoekstra
Janson Bridging design	Approved: N. Kuijpers
Subject:	Date: 28/10/2016
Data sheet Transom brace H=236mm	Scale: 1:5
	Project number:
	-

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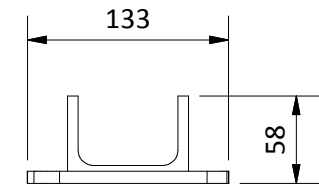
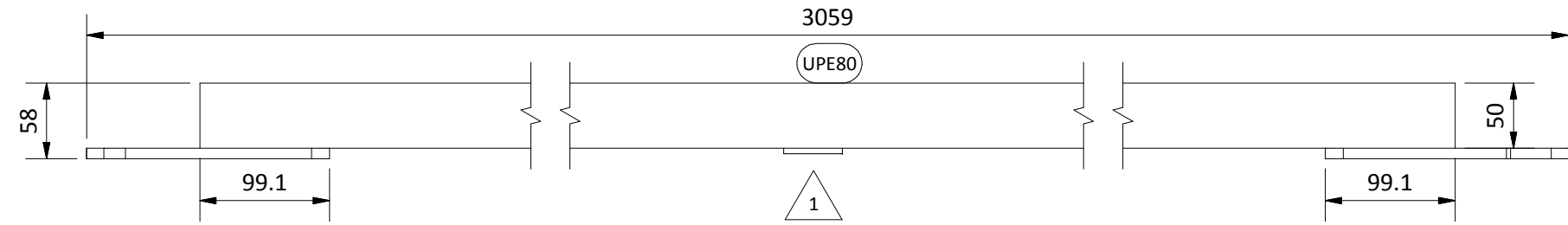
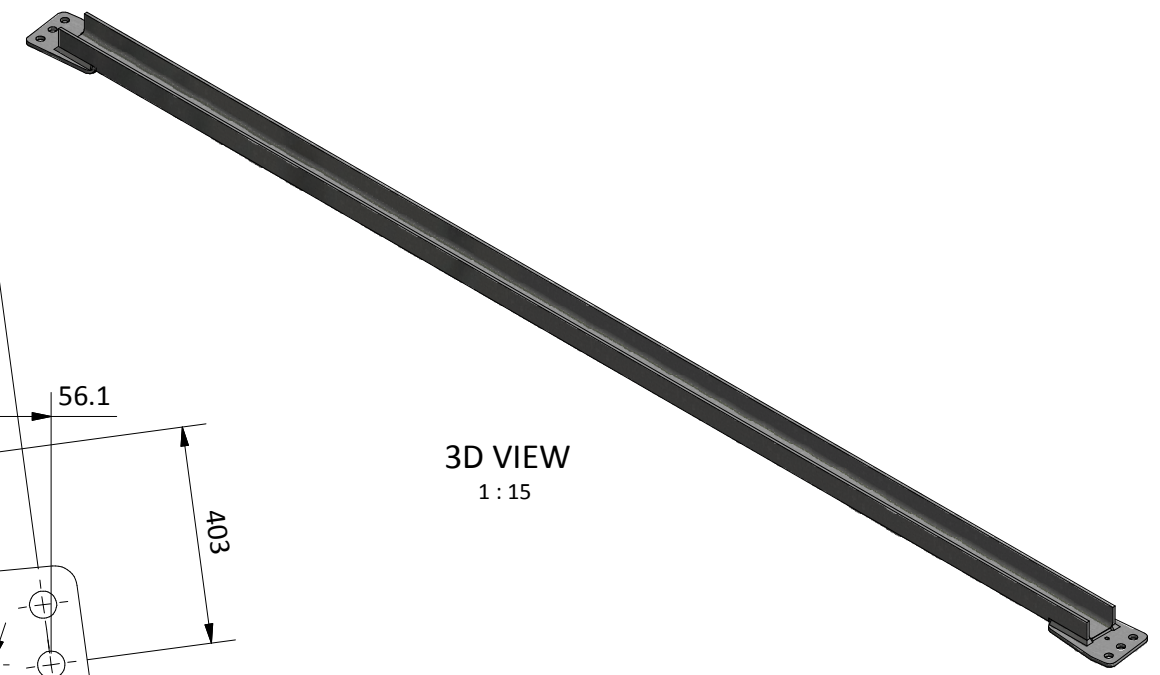
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Number:	JPB-070-1
Status:	OBSOLETE
Size:	A3



3D VIEW
1 : 15



- NOTES:
- Total weight assembly JPB-071 is 26,6 kg (incl. conservation)
 - The conservation is Hot dip galvanised
 - Main steel material S460M

1	Chamber boss + layout changed	JH	NK	28-11-2016
Revision	Revision description	Rev.	App.	Revision date

All dimensions in millimeters unless noted otherwise

Project description:
Janson Bridging design

Subject:
Data sheet Transom brace H=403mm

Drawn: J. Hoekstra
Approved: N. Kuijpers
Date: 28-10-2016
Scale: 1:5

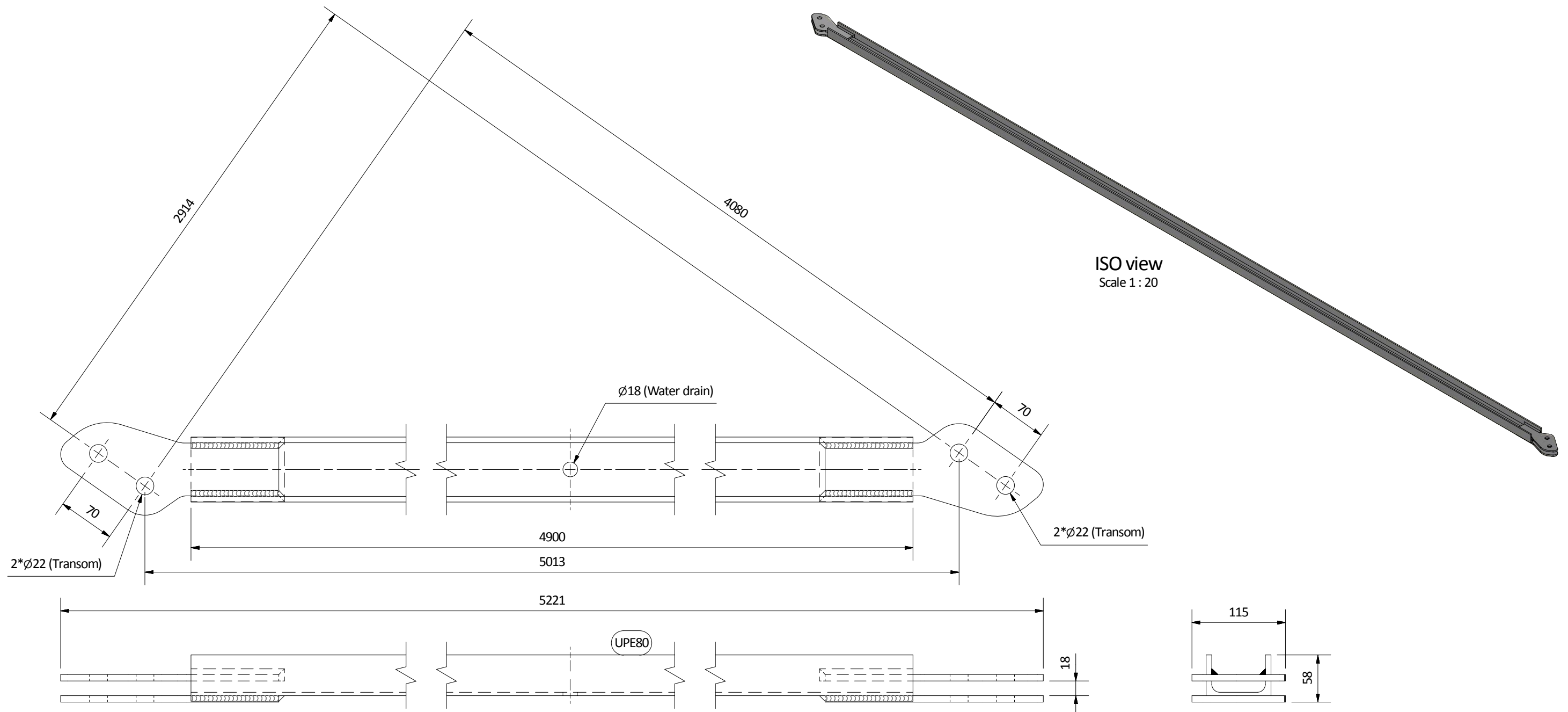
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Project number: -	
Number: JPB-071-1	
Status: RELEASED	Size: A3

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ISO view
Scale 1 : 20

NOTES:

- Total weight assembly JPB-080 is 45,4 kg (incl. conservation)
- The conservation is Hot dip galvanised
- Main steel material S460M

Revision	Revision description	BdO	GJG	4-10-2017
Rev.	App.	Revision date		
1	Changed name and added description to holes			

All dimensions in millimeters unless noted otherwise

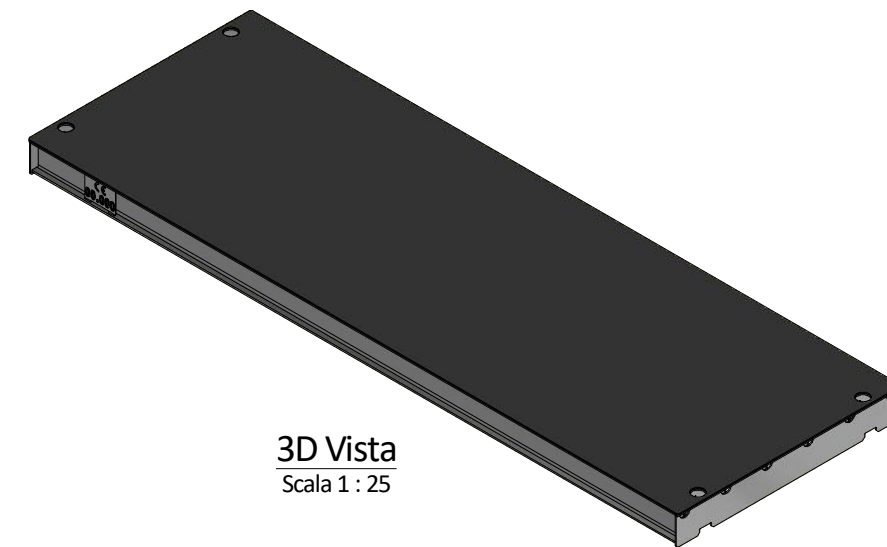
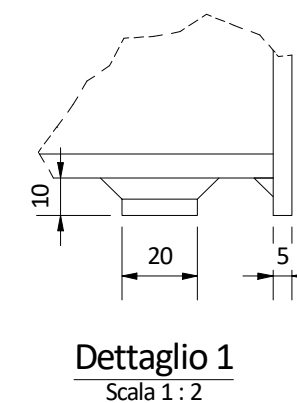
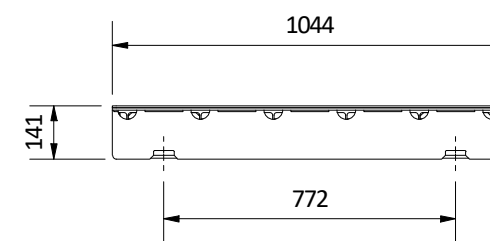
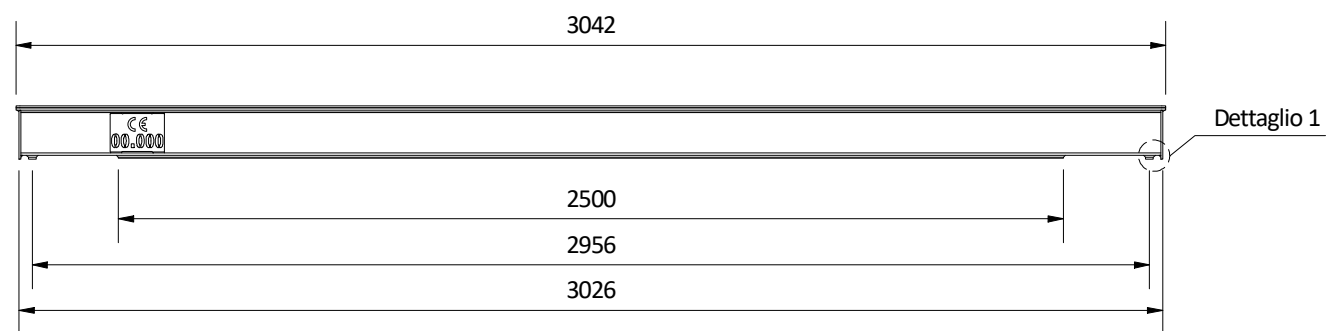
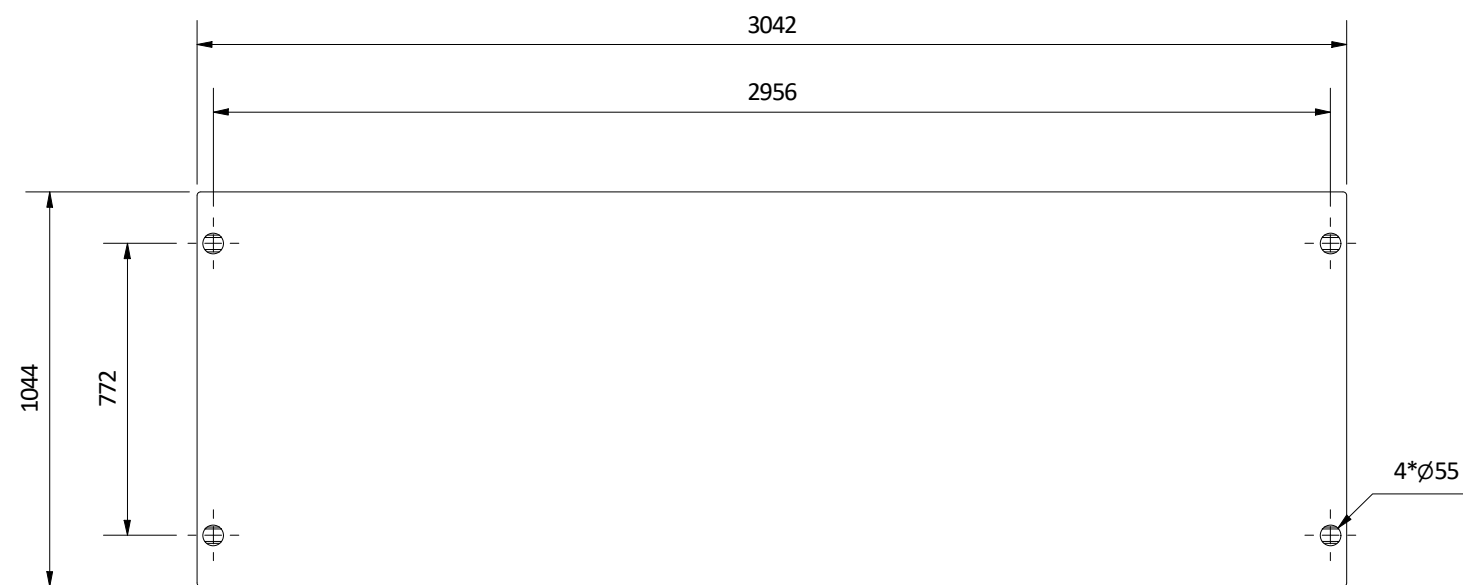
Project description: Janson Bridging design	Drawn: B. den Otter
Subject: Data sheet Swaybrace - Two lane (4220 C to C)	Approved: N. Kuijpers
	Date: 15-5-2017
	Scale: 1 : 5
	Project number: -
	Number: JPB-080-1
	Status: RELEASED
	Size: A3

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3D Vista
Scala 1 : 25

Nota:

- Norma armonizzata di prodotto: UNI EN 1090-1:2012
- Classe di Esecuzione EXC 3 in accordo a UNI EN 1993-1-1:2014, Annesso C
- Qualità degli acciai in accordo a Norme Tecniche per le Costruzioni (DM 17.01.2018), cap. 11.3.4
- Norma armonizzata degli elementi in acciaio: UNI EN 10025-1:2005
- Norma armonizzata degli elementi in acciaio: UNI EN 10210-1:2006
- Norma armonizzata degli elementi in acciaio: UNI EN 10219-1:2006
- Processi di trasformazione in accordo a norma UNI EN 1090-2:2018
- Processo di saldatura in accordo a norma UNI EN ISO 3834-2:2006
- Processo di protezione dalla corrosione (zincatura a caldo) in accordo a norma UNI EN ISO 1461:2009
- Tolleranze dimensionali essenziali e funzionali (livello 2) in accordo a norma UNI EN 1090-2:2018, Annesso B, par. B.2

ELENCO ASSEMBLAGGIO ELEMENTI

Parte	Profilo	Condizione tecniche di fornitura	Materiale	Lunghezza	Quantità	Peso (kg)	Peso totale (kg)
JPB-P0083	PL8x220	EN 10025-2:2019	S355J2	2500	3	34,5	103,6
JPB-P0085	PL6x60	EN 10025-2:2019	S355J2	68	8	0,2	1,4
JPB-P0089	IPE120	EN 10025-2:2019	S355J2	3016	6	31,3	187,7
JPB-P0090	PL5x130	EN 10025-2:2019	S355J2	1044	2	5,0	10,0
JPB-P0091	PL10x60	EN 10025-2:2019	S355J2	188	4	0,9	3,5
JPB-P0413	PL6x1044	EN 10025-2:2019	S355J2	3042	1	149,1	149,1
JPB-P0414	PL10x20	EN 10025-2:2019	S355J2	623	2	1,0	2,0
JPB-P0415	PL10x20	EN 10025-2:2019	S355J2	44	4	0,1	0,3
JPB-P0417	PL3x106	EN 10025-2:2019	S235JR	143	2	0,3	0,5

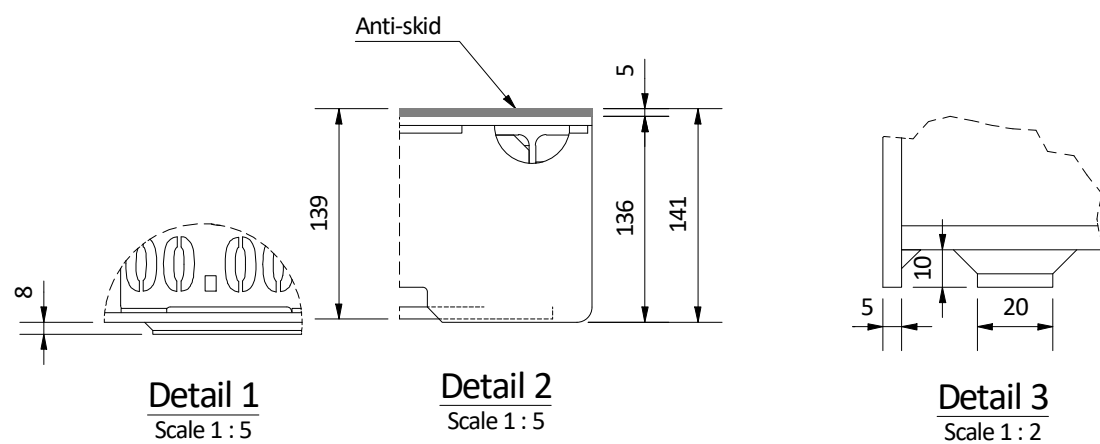
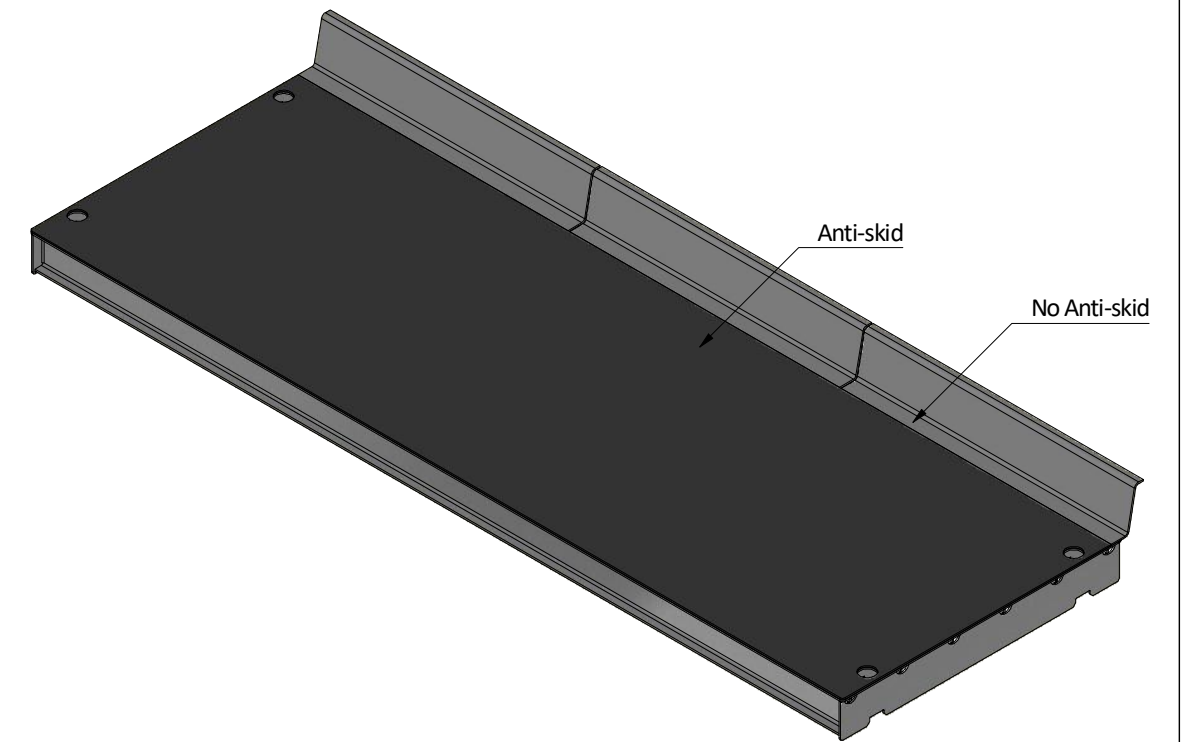
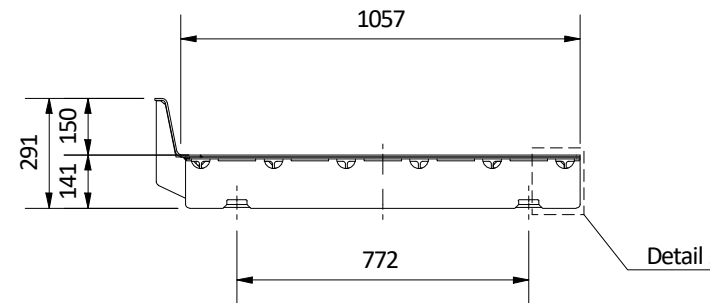
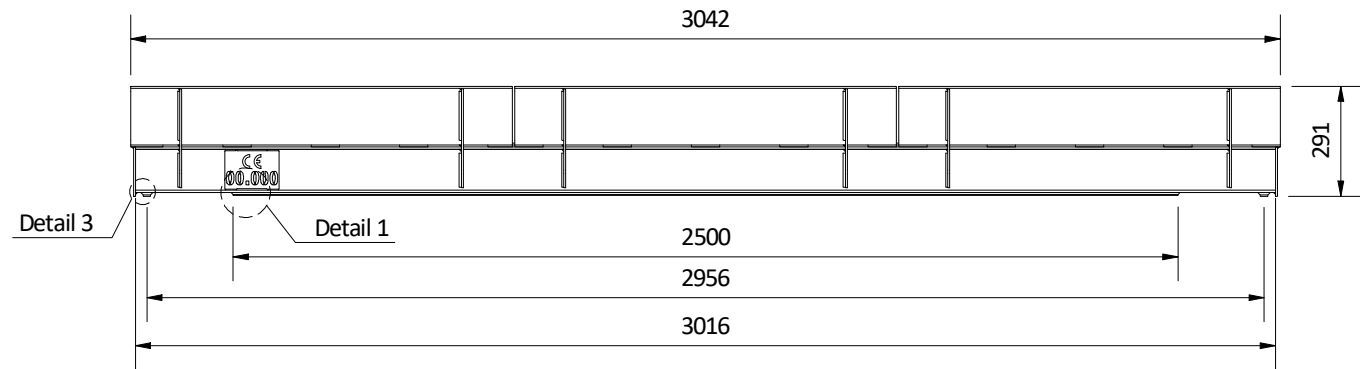
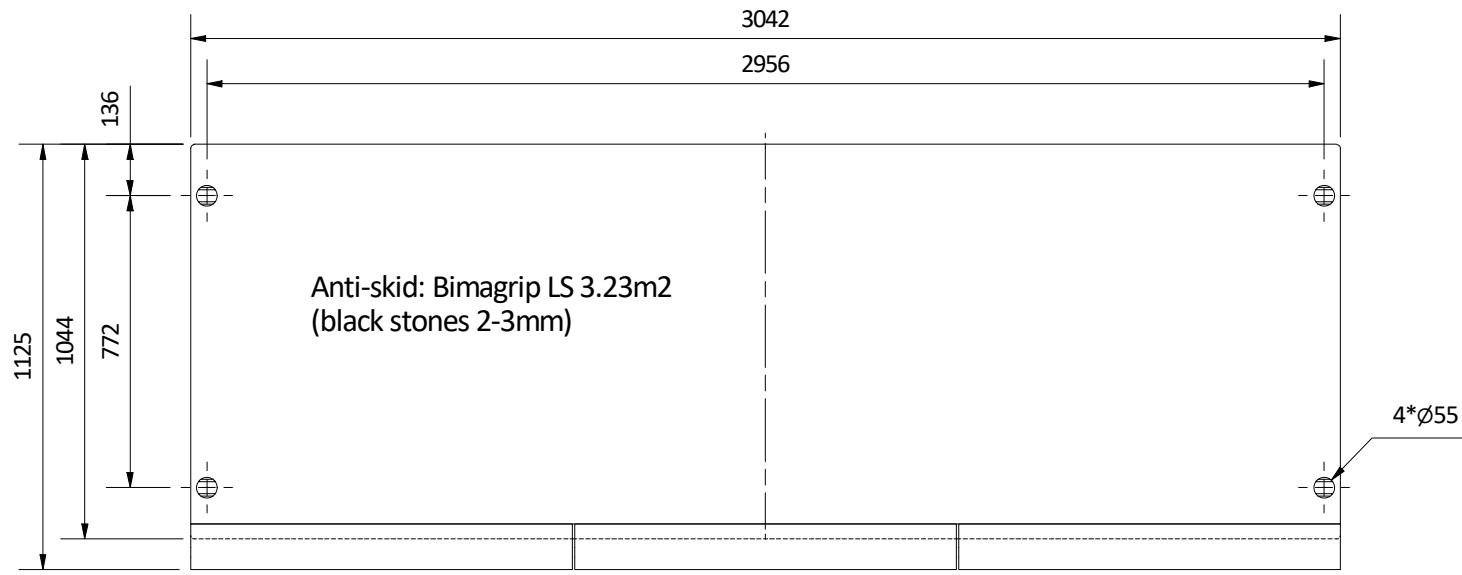
Peso totale : 534,2 kg (inclusi materiali d'apporto e zincatura)

Revisione	Oggetto	Dis.	Contr.	Data
	Tutte le misure sono in millimetri, salvo diversa indicazione			
	Descrizione del progetto: Deck Unit - HA H=136mm	Disegnato: A. Boogaard		
	Oggetto: Scheda tecnica Deck Unit - HA H=136mm	Approvato: A. van der Wiel		
		Data:	06/08/2020	
		Scala:	1 : 20	
		Progetto numero: JPB-104A		
		Disegno numero: JPB-104A-2 (IT)		
		Stato:	RELEASED	
		Formato:	A3	



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Disegno versione: 0.1



Anti-skid:

- Type: Bimagrip LS Black
- Colour: Black
- Stone size: 2-3 mm
- Total area: 3.23 m2

NOTES:

- Total weight assembly JPB-105A is 566,1 kg (incl. conservation)
- The conservation is Hot dip galvanised (ISO 1461 (C4))
- Main steel material S355J2
- Execution class 3 (EN 1090)

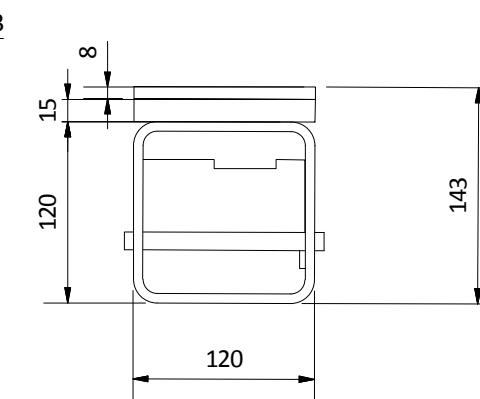
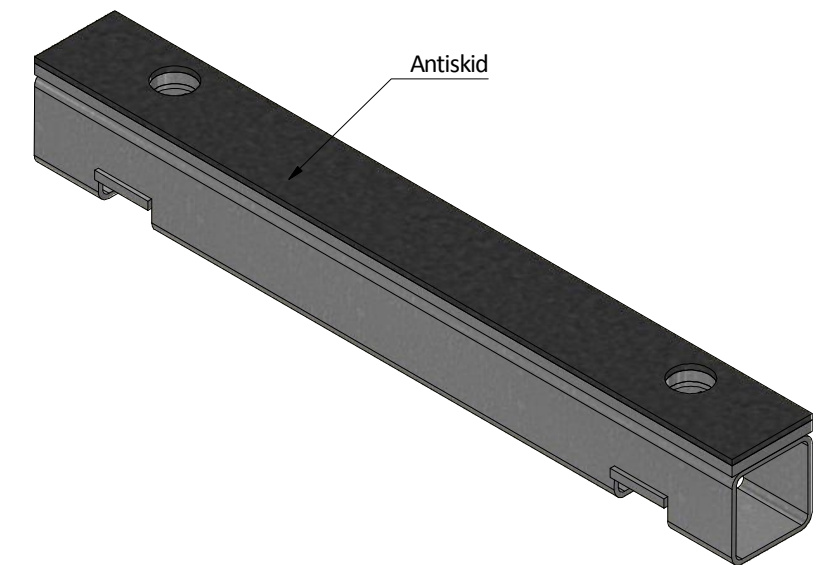
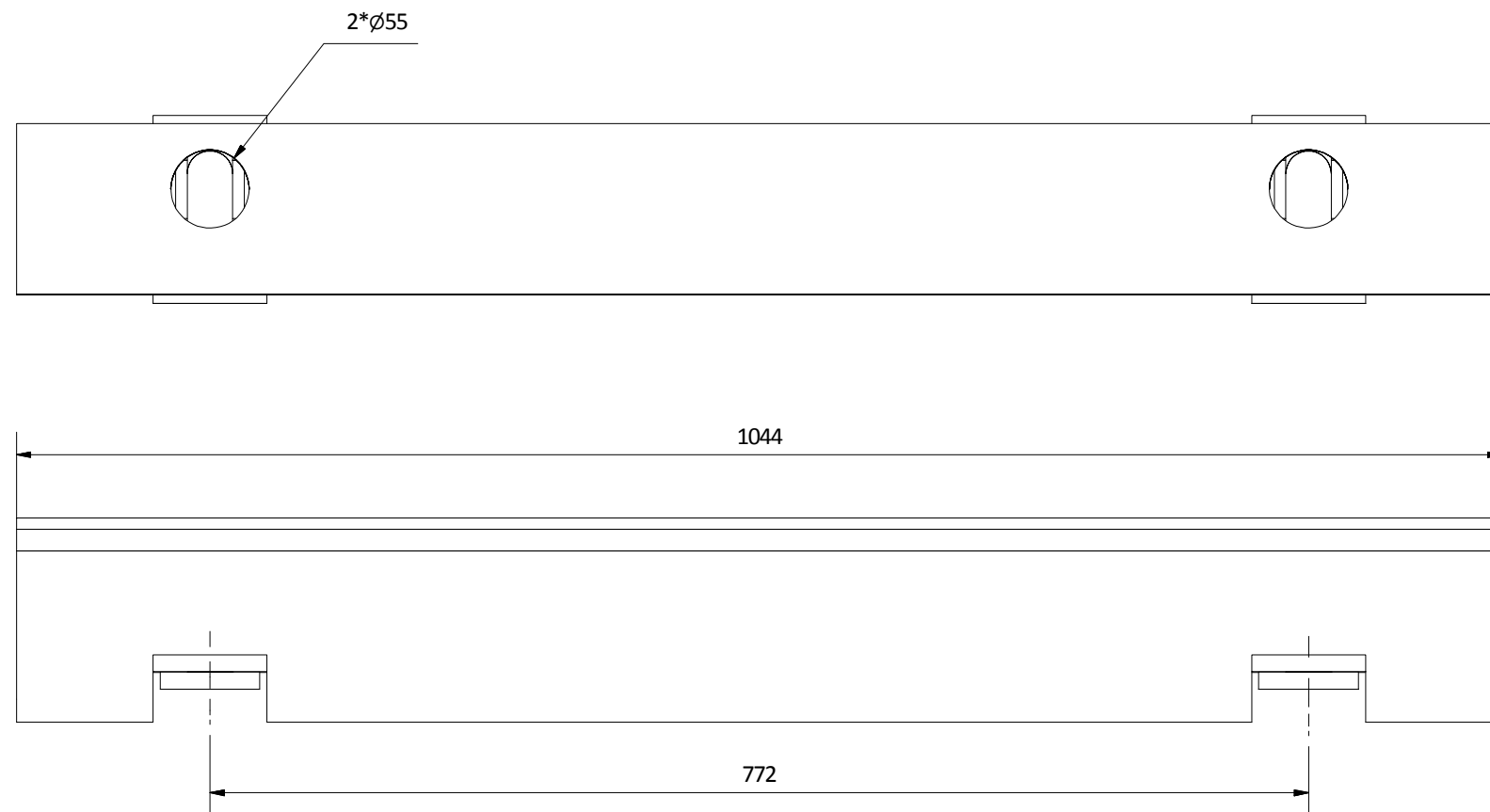
Revision	Revision description	Rev.	App.	Revision date
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All dimensions in millimeters unless noted otherwise

Project description:	Drawn: L. Crielaard
Janson Bridging design	Approved: N. Kuijpers
Subject:	Date: 27/05/2019
Kerb Unit - HA H=136mm (incl. extra bearing)	Scale: 1 : 20
	Project number:
	Number: JPB-105A-1
	Status: RELEASED
	Size: A3



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Anti-skid:

- Type: Bimagrip LS Black (Pack B) for heavy vehicles
- Color: Black
- Stone size: 3-5mm
- Total area: 0.13m²

NOTES:

- Total weight assembly JPB-110 is 41,8 kg (incl. conservation)
- The conservation is Hot dip galvanised
- Main steel material S355J2

1	Layout changed	DLe	GG	03-08-2018
Revision	Revision description	Rev.	App.	Revision date

All dimensions in millimeters unless noted otherwise

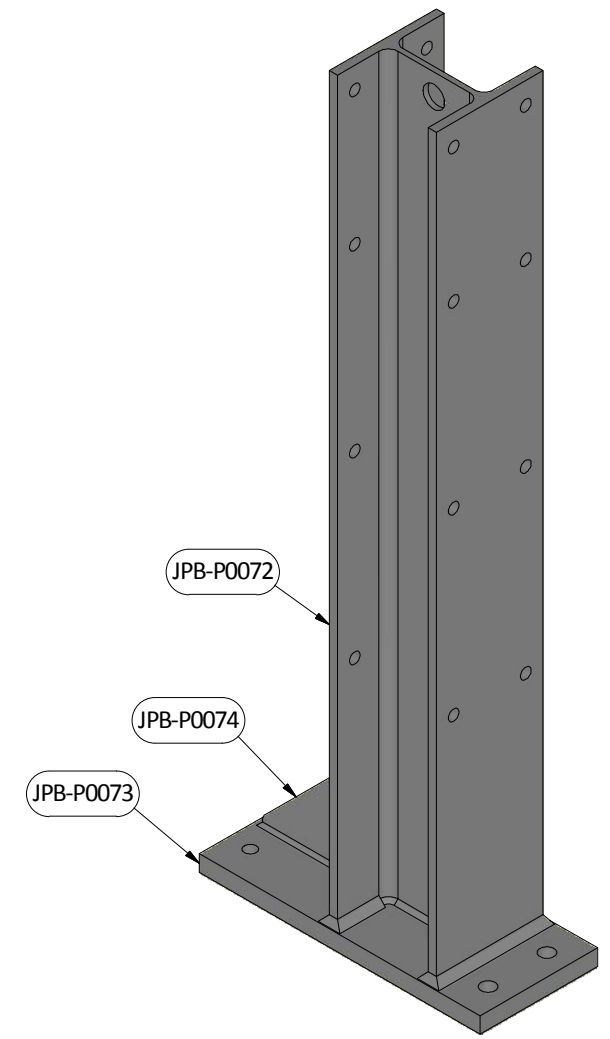
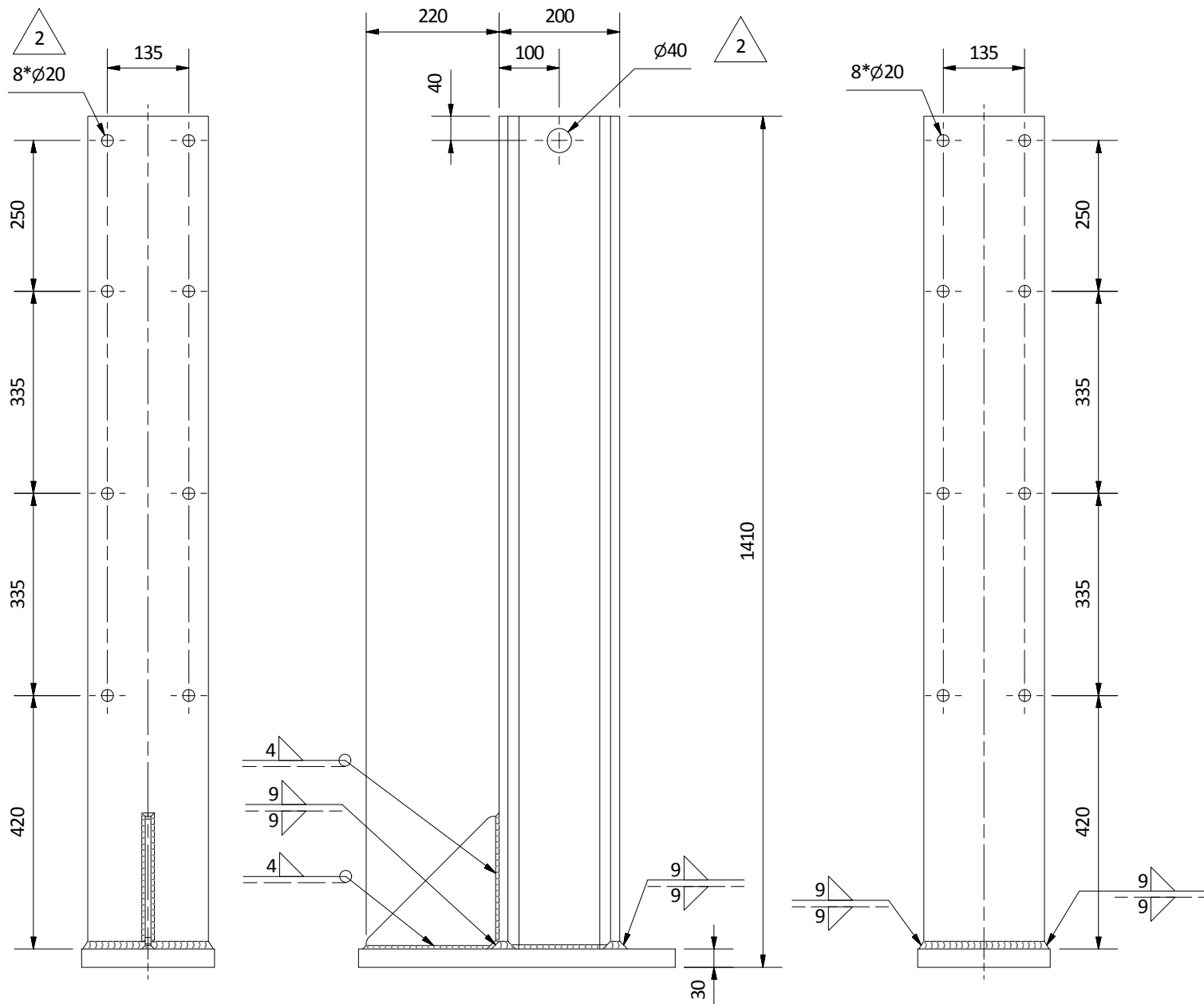
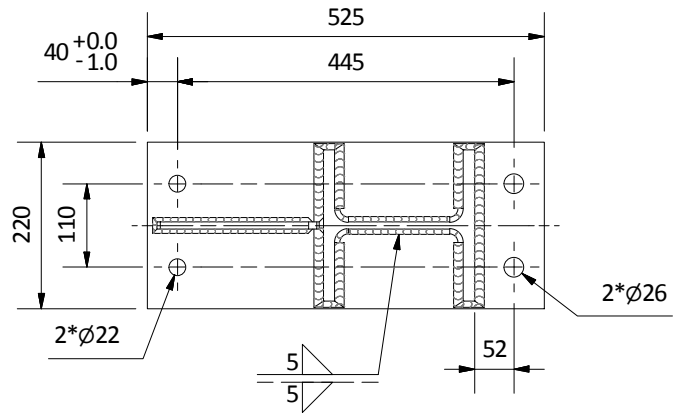
Project description:	Drawn: D. Leijten
Janson Bridging design	Approved: G. Goethals
Subject:	Date: 3-8-2018
Data sheet end of bridge deck infil box	Scale: 1:5
	Project number:
	Number: JPB-110-1
	Status: RELEASED
	Size: A3

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3D view
Scale 1 : 10

Notes:

- All welds a = 4 ∇ all around, unless noted otherwise
- Execution class 3 (EN 1090)

2	Added hole Ø40 for handling and holes Ø20 for fastening	BdO	NKu	19-10-2018
1	Layout changed	MdG	NKu	12-04-2013
Revision	Revision description	Rev.	App.	Revision date

Production tolerances according to EN 1090 permitted deviation class 2 (excl. linear dimensions)

Dimensional tolerances for linear dimensions						
Nominal size	0 - 6	6 - 30	30 - 120	120 - 315	315 - 1000	> 1000
Tolerance	± 0.1	± 0.3	± 0.5	± 0.8	± 1.2	± 2.0

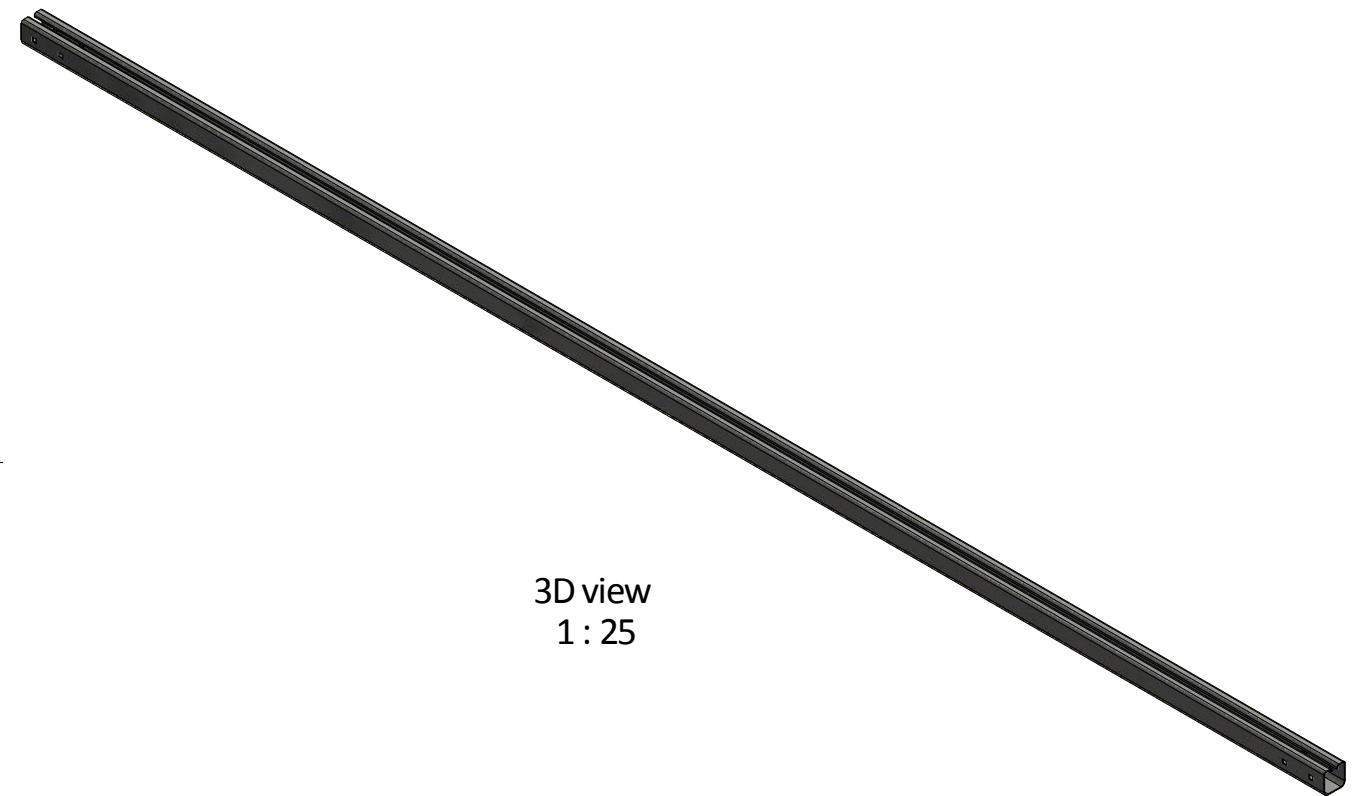
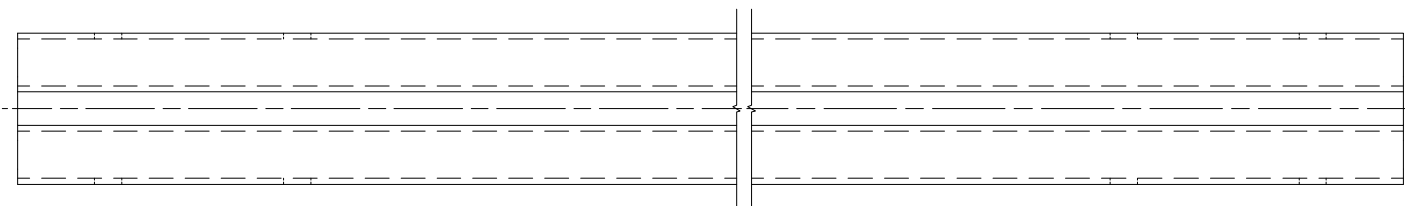
Projection	Sharp edges, fillets, corners and welds must be rounded or smoothed (min. r=0.5)				
	All dimensions in millimeters unless noted otherwise				
	Ra < 12.5 µm, u.n.o.				

Project description:	Drawn: D. Leijten
Janson Bridging design	Approved: N. Kuijpers
Subject:	Date: 14-7-2011
Parapet post Eurocode	Scale: 1 : 10
	Project number:

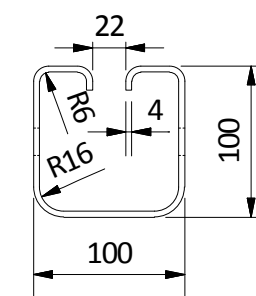
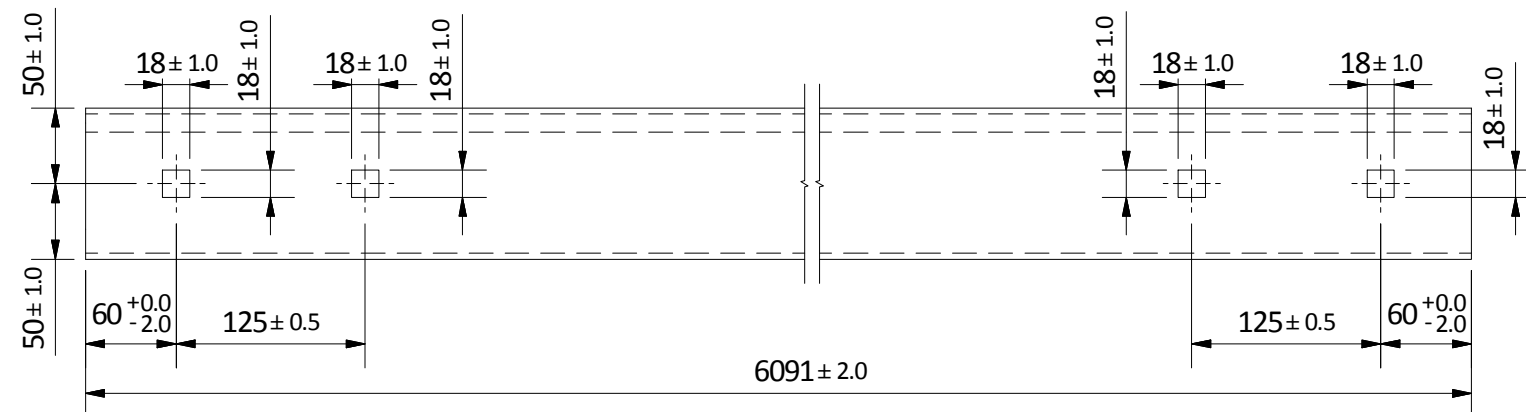
 JANSONBRIDGING COME ACROSS Keizersveer 9 4273 LD Hank The Netherlands +31 (0) 162 480380 info@jansonbridging.com www.jansonbridging.com	Number: JPB-260	Size: A3
	Status: RELEASED	

ASSEMBLY PARTS LIST							
Part	Profile	Standard	Material	Length	Qty.	Weight (kg)	Total weight (kg)
JPB-P0072	HE200B	EN 10034	S355J2	1380	1	83,9	83,9
JPB-P0073	PL30x220	EN 10025-2	S355J2	525	1	26,8	26,8
JPB-P0074	PL10x220	EN 10025-2	S355J2	220	1	2,1	2,1
Total (incl. welds)							113,5

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3D view
1 : 25



NOTES:

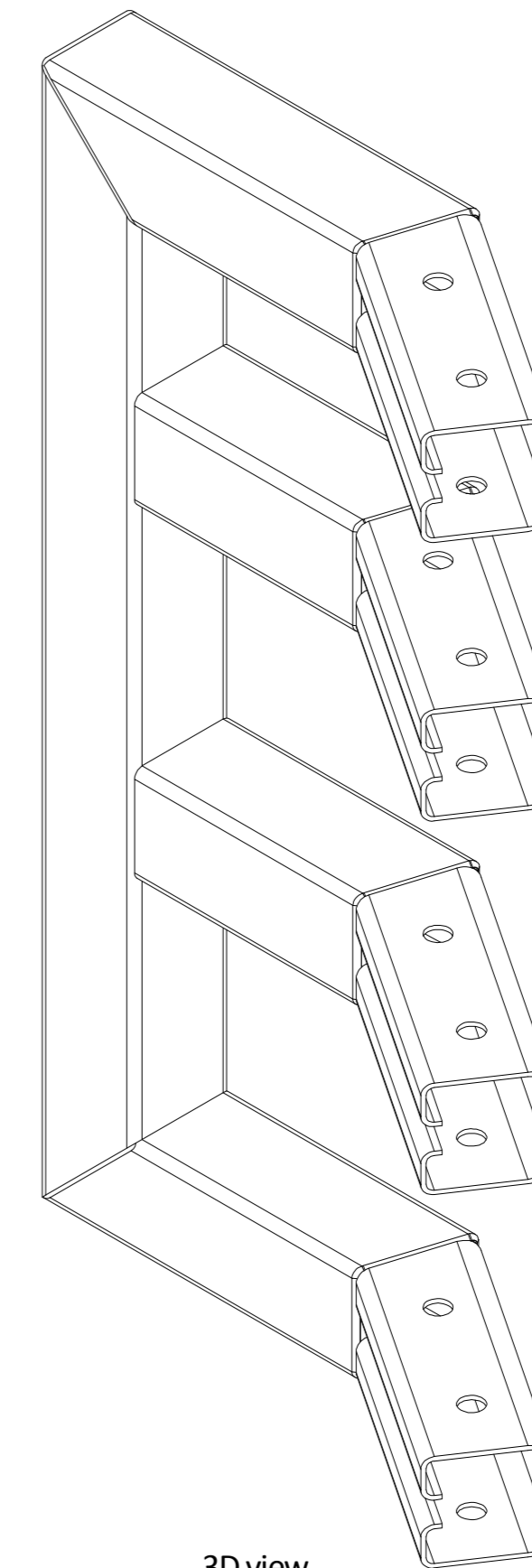
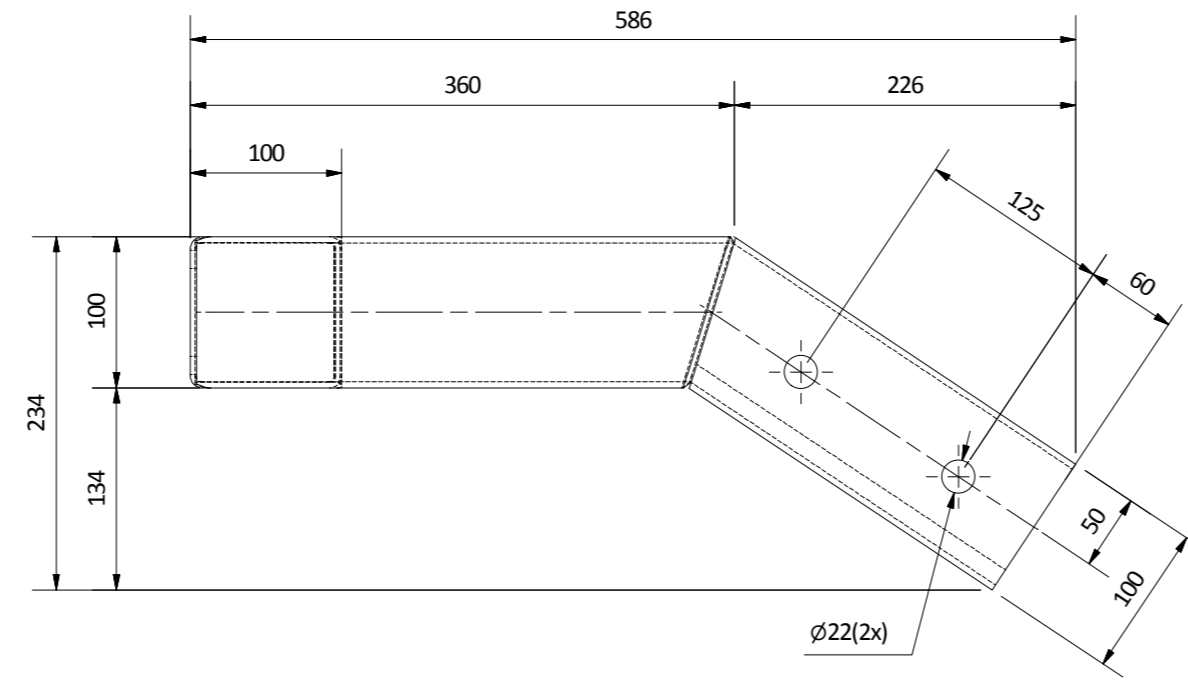
- Square holes (18x18mm) may also be round holes (Ø22)

Revision	Revision description	Rev.	App.	Revision date		
Production tolerances according to EN 1090-2 permitted deviation class 2 (excl. linear dimensions)						
Dimensional tolerances for linear dimensions						
Nominal size	0 - 6	6 - 30	30 - 120	120 - 315	315 - 1000	> 1000
Tolerance	± 0.1	± 0.3	± 0.5	± 0.8	± 1.2	± 2.0
Projection	Sharp edges, fillets, corners and welds must be rounded or smoothed (min. r=0.5)					
	All dimensions in millimeters unless noted otherwise				Ra < 12.5 µm, u.n.o.	
Project description:					Drawn: J. Hoekstra	
Janson Bridging design					Approved: N. Kuijpers	
Subject:					Date: 02-08-2016	
Barrier profile 6091mm (BN4)					Scale: 1 : 5	
					Project number:	
					-	
					Number:	
					JPB-262	
					Status:	
					RELEASED	
					Size:	
					A3	

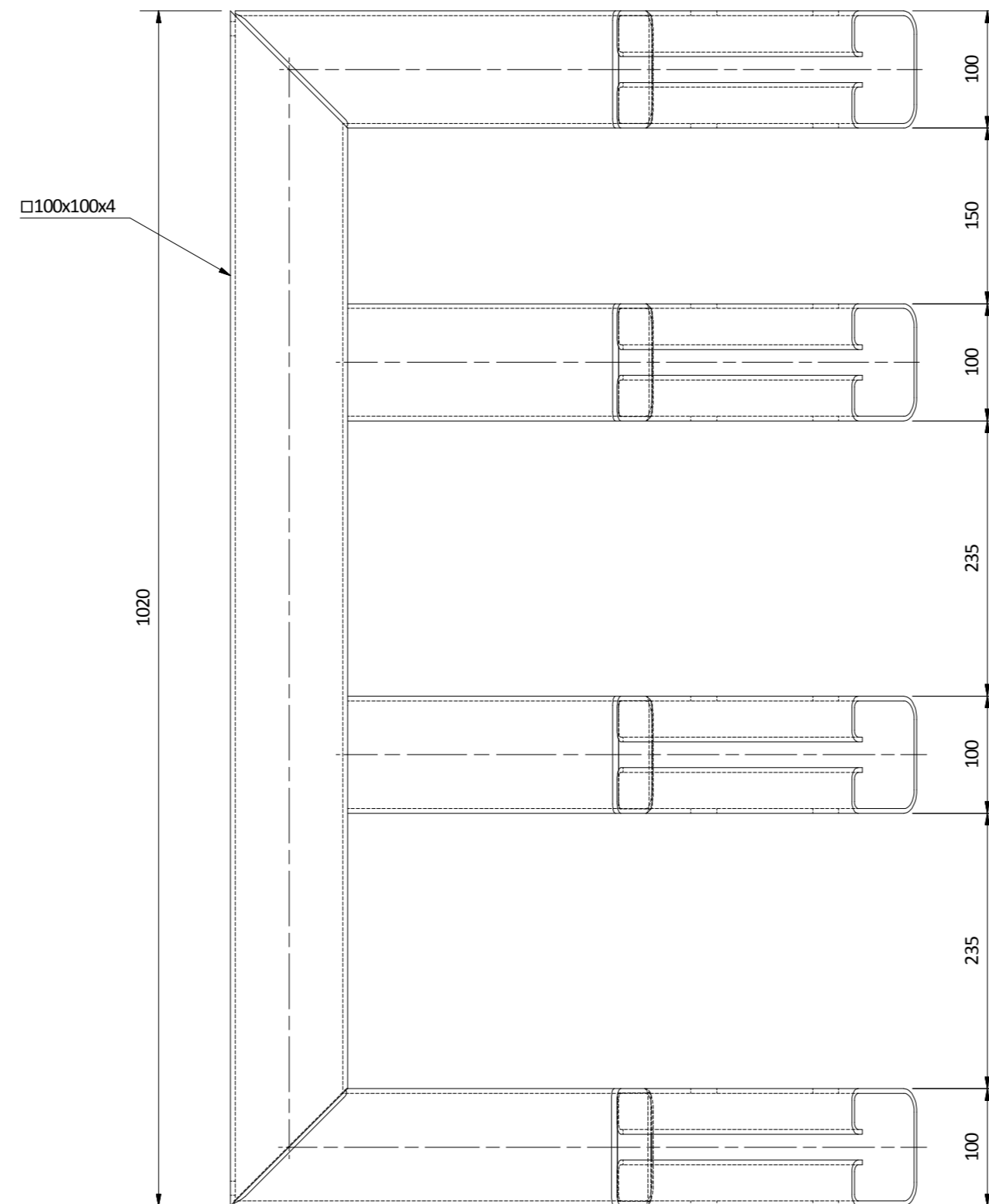
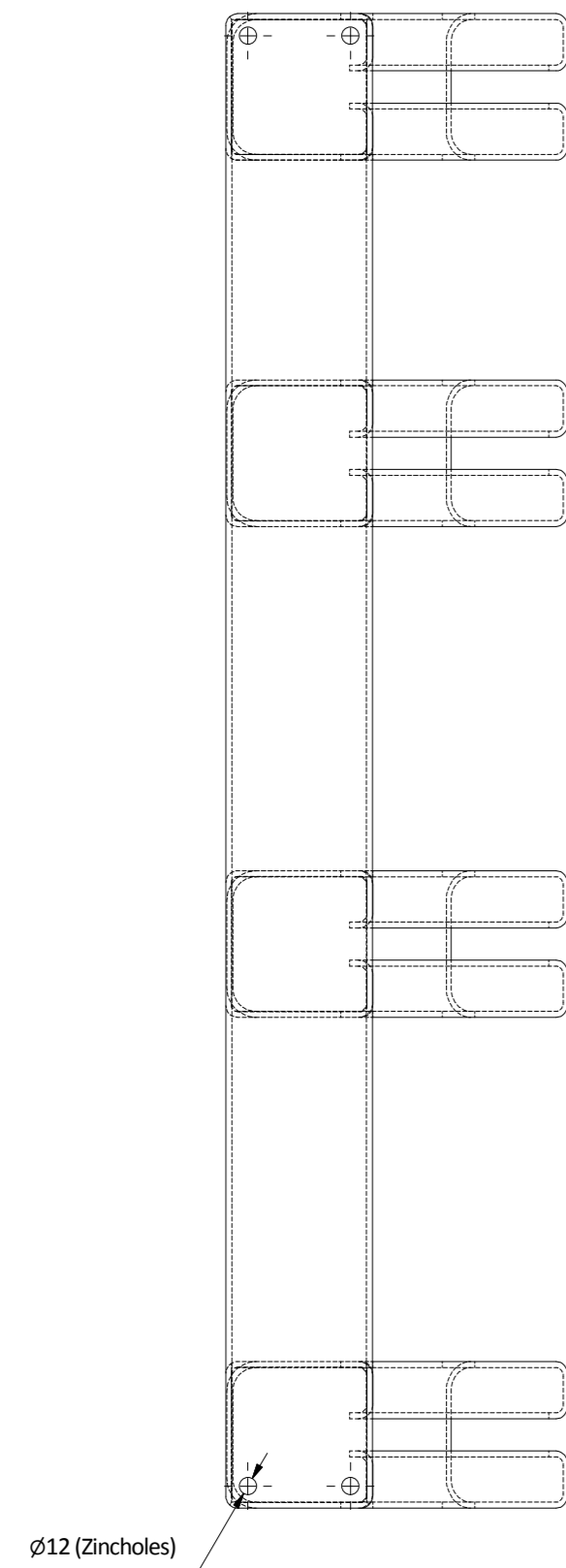
ASSEMBLY PARTS LIST

Part	Profile	Standard	Material	Length	Qty.	Weight (kg)	Total weight (kg)
JPB-262	BN4 100x100x4		S235JR	6091	1	68,2	68,2
Total (incl. welds)							68,2

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3D view
Scale 1 : 5

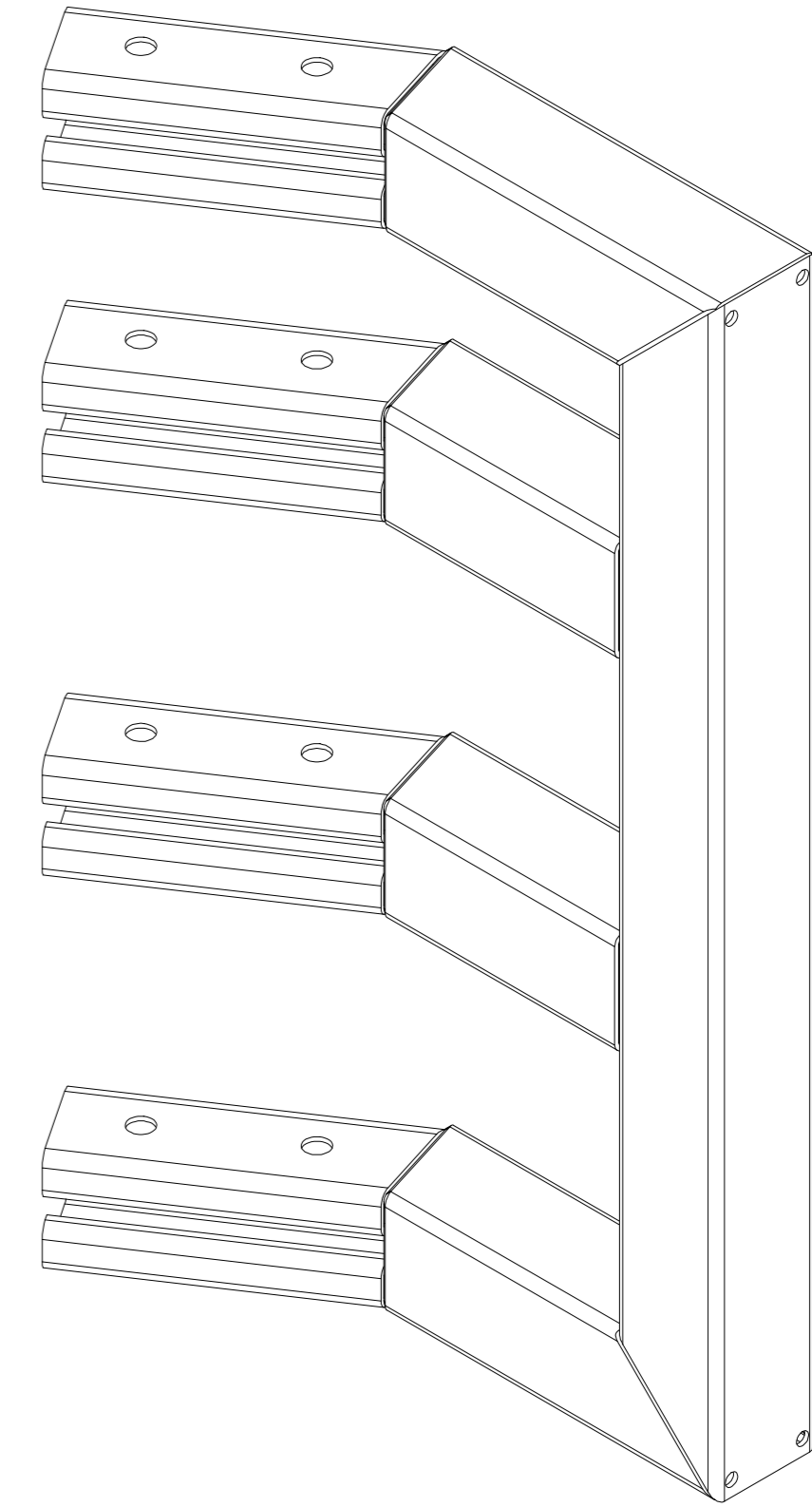
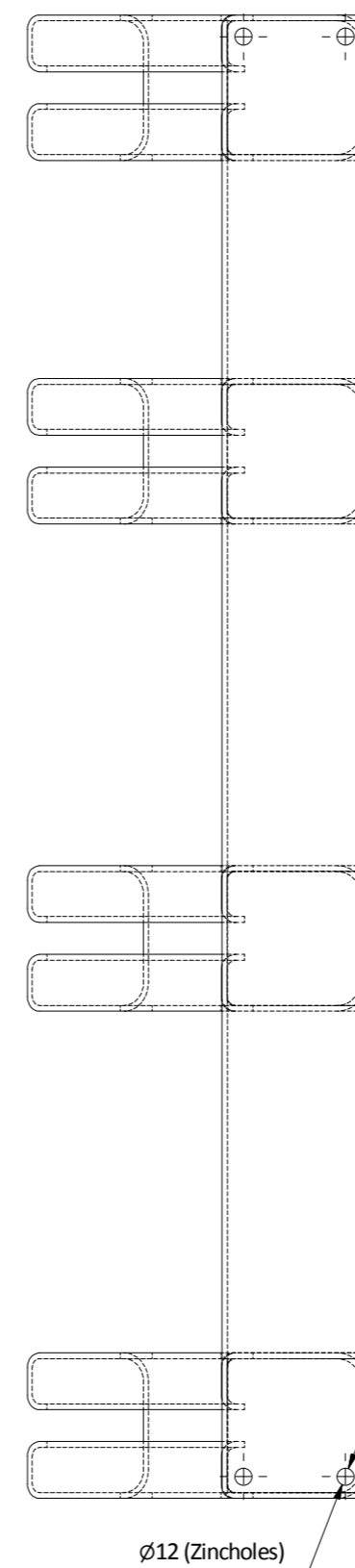
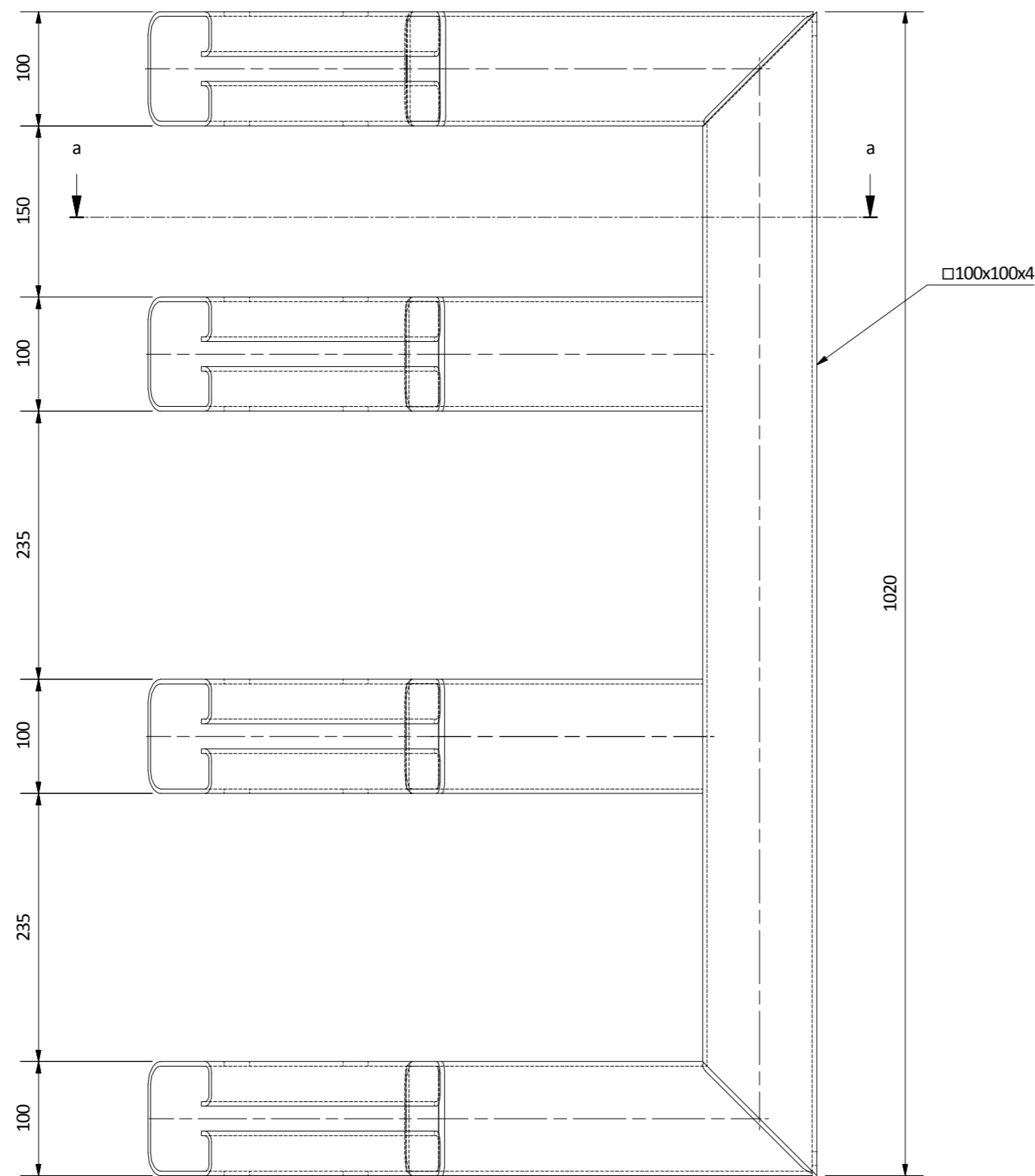
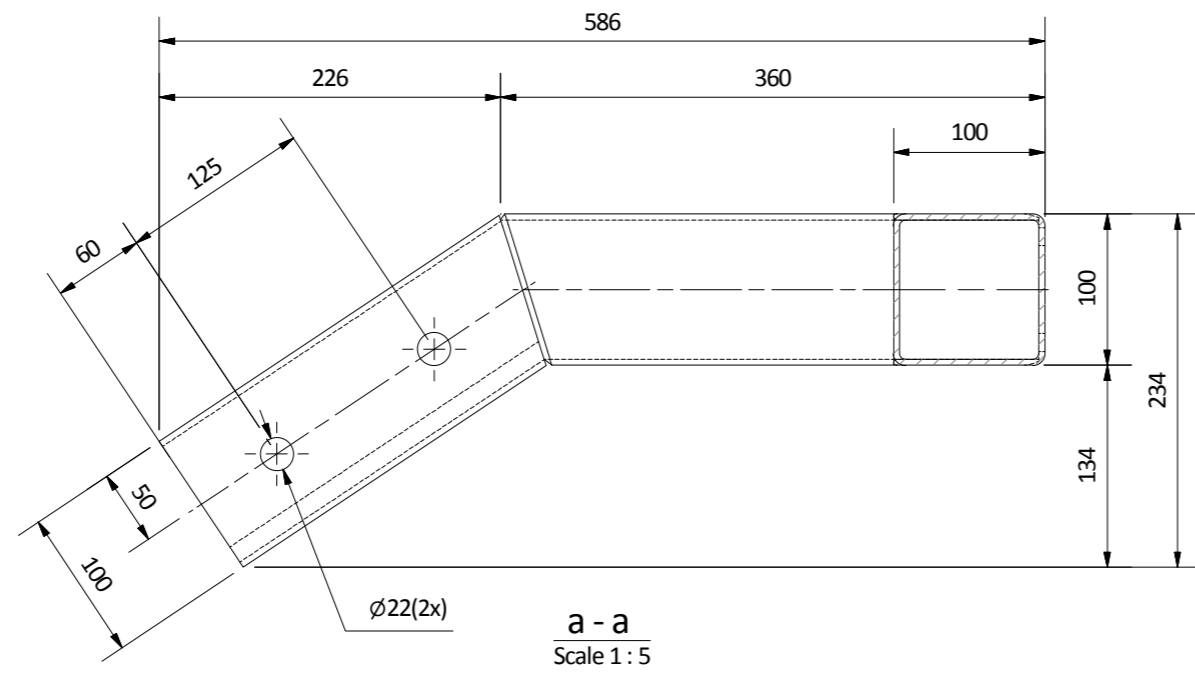


- NOTES:
- Execution class 2 (EN 1090)
 - Total weight assembly JPB-300-1 is 36 kg (incl. conservation)
 - The conservation is Hot dip galvanised
 - Main steel material S235JR

Revision	Revision description	Rev.	App.	Revision date
All dimensions in millimeters unless noted otherwise				
Project description:		Drawn: L. van den Berg		
Janson Bridging design		Approved: N. Kuijpers		
Subject:		Date: 12-2-2019		
Data sheet barrier end type A (4x BN4)		Scale: 1 : 5		
		Project number:		
		-		
		Number:		
		JPB-300-1		
		Status:		
		RELEASED		
		Size:		
		A2		



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3D view
Scale 1 : 5

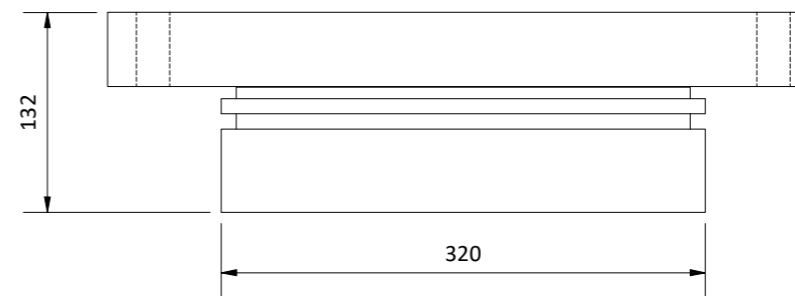
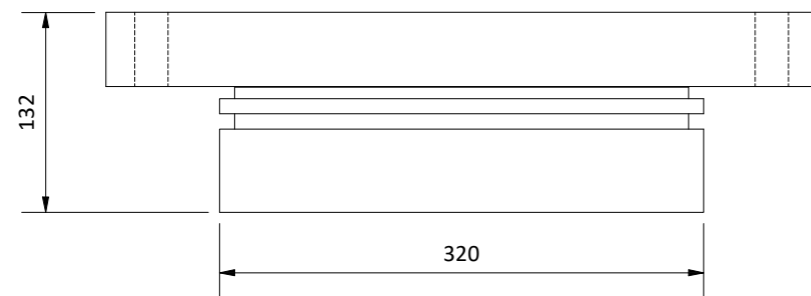
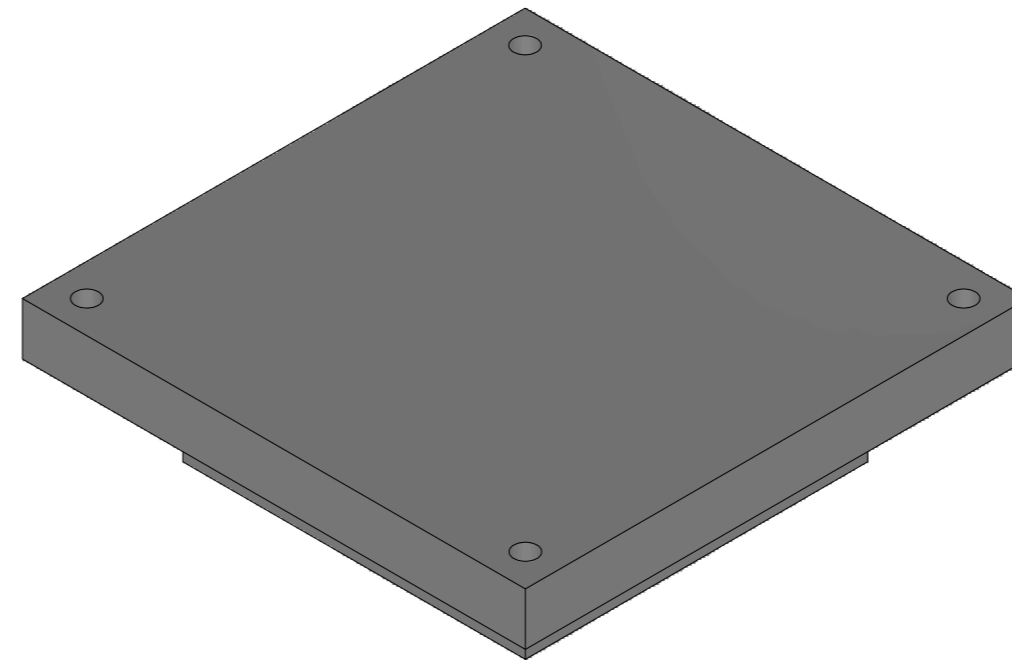
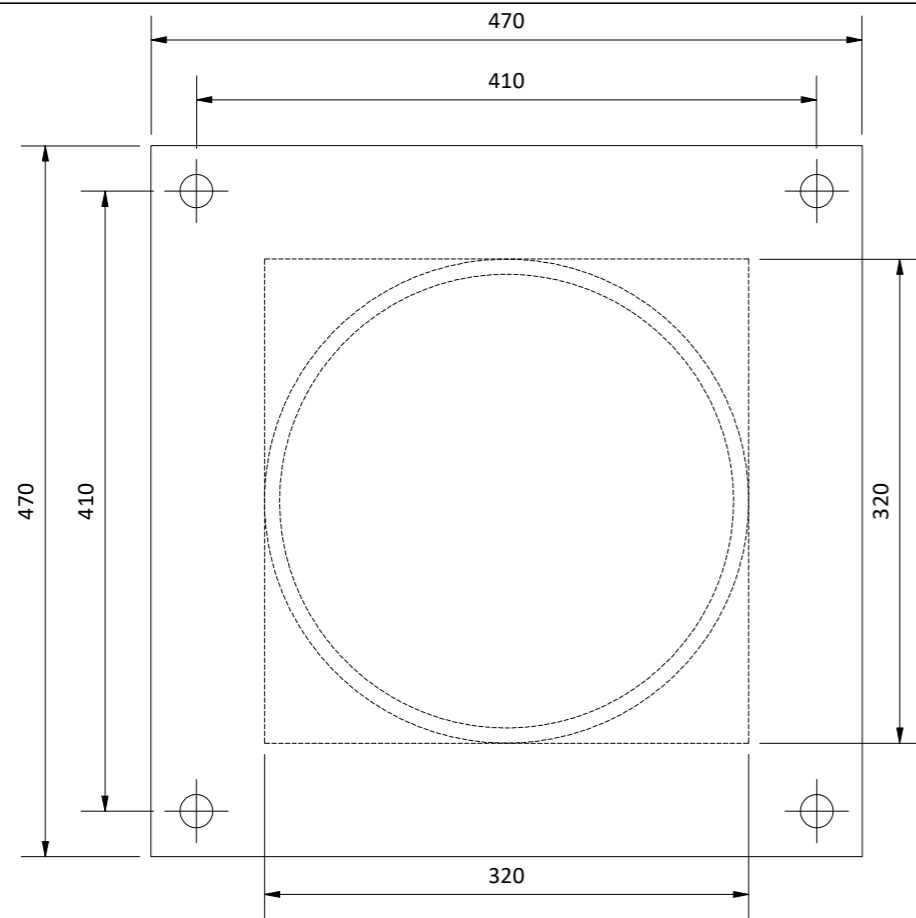
NOTES:

- Execution class 2 (EN 1090)
- Total weight assembly JPB-301-1 is 36 kg (incl. conservation)
- The conservation is Hot dip galvanised
- Main steel material S235JR

Revision	Revision description	Rev.	App.	Revision date
All dimensions in millimeters unless noted otherwise				
Project description:		Drawn: L. van den Berg		
Janson Bridging design		Approved: N. Kuijpers		
Subject:		Date: 12-2-2019		
Data sheet barrier end type B (4x BN4)		Scale: 1 : 5		
		Project number:		
		-		
		Number:		
		JPB-301-1		
		Status:		
		RELEASED		
		Size:		
		A2		



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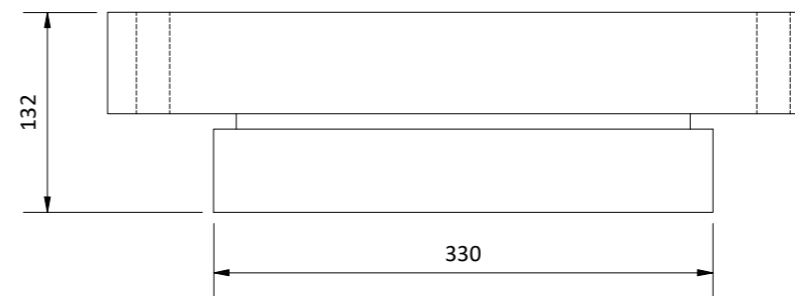
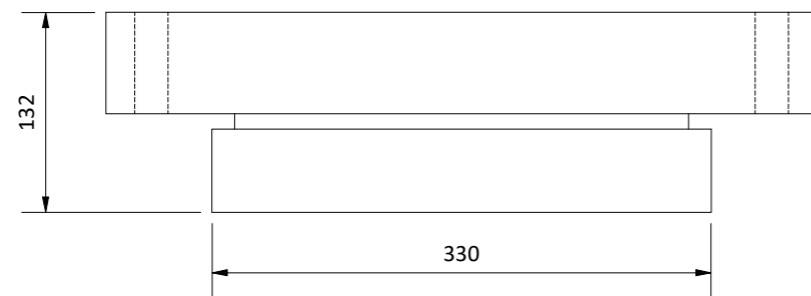
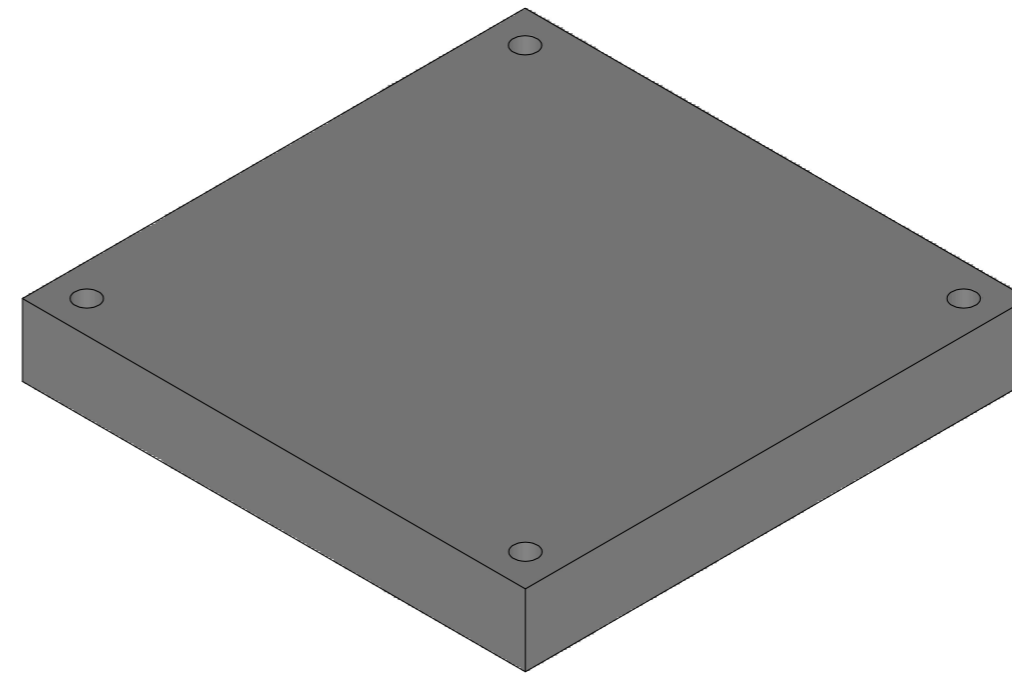
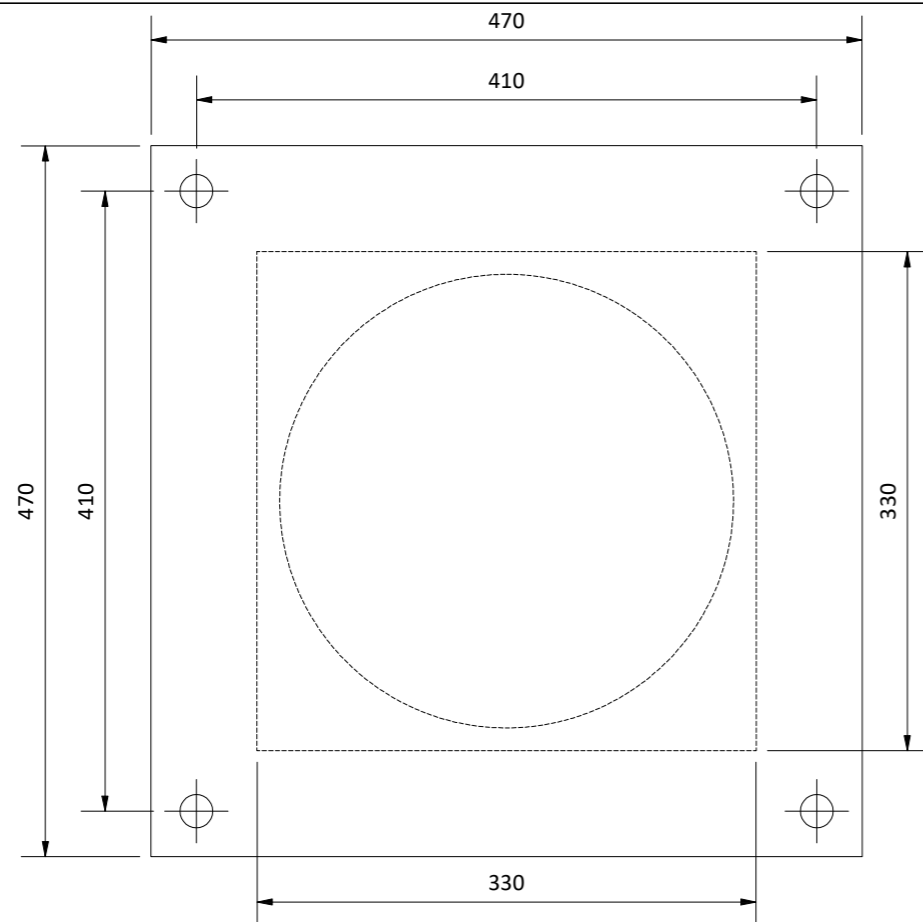
Nota:

- Norma armonizzata di prodotto: UNI EN 1337-5:2005
- Fornitore: Gumba GmbH & Co. KG

Revisione	Oggetto	Dis.	Contr.	Data
Tutte le misure sono in millimetri, salvo diversa indicazione				
Descrizione del progetto:		Disegnato: A. Boogaard		
Bearing TGa (free)		Approvato: A. van der Wiel		
Oggetto:		Data: 15-10-2021		
Scheda tecnica Bearing TGa (free)		Scala: 1 : 5		
 JANSONBRIDGING COME ACROSS		Progetto numero:		
		PR-JPB-IT0459-023		
		Disegno numero:		
		PR-JPB-IT0459-023-1		Formato:
		Stato:		A3
		IN WORK		

Peso totale : 93 kg

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Nota:

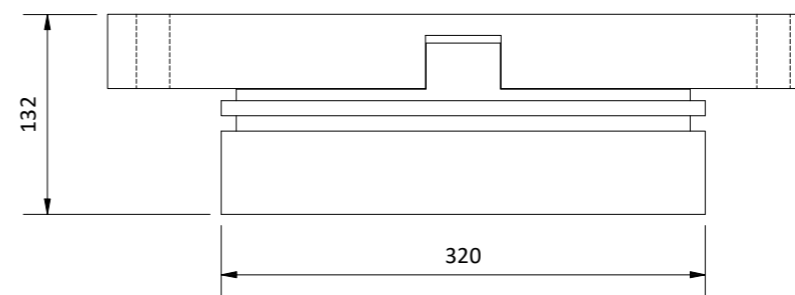
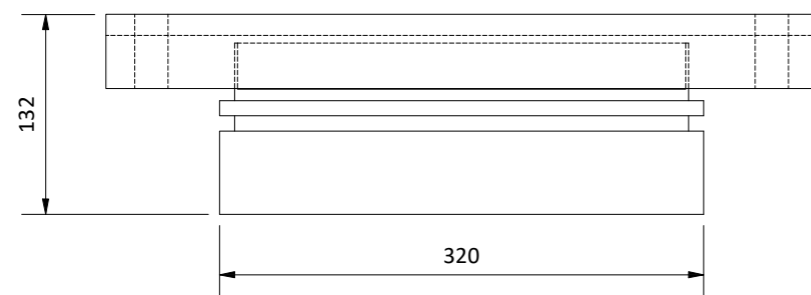
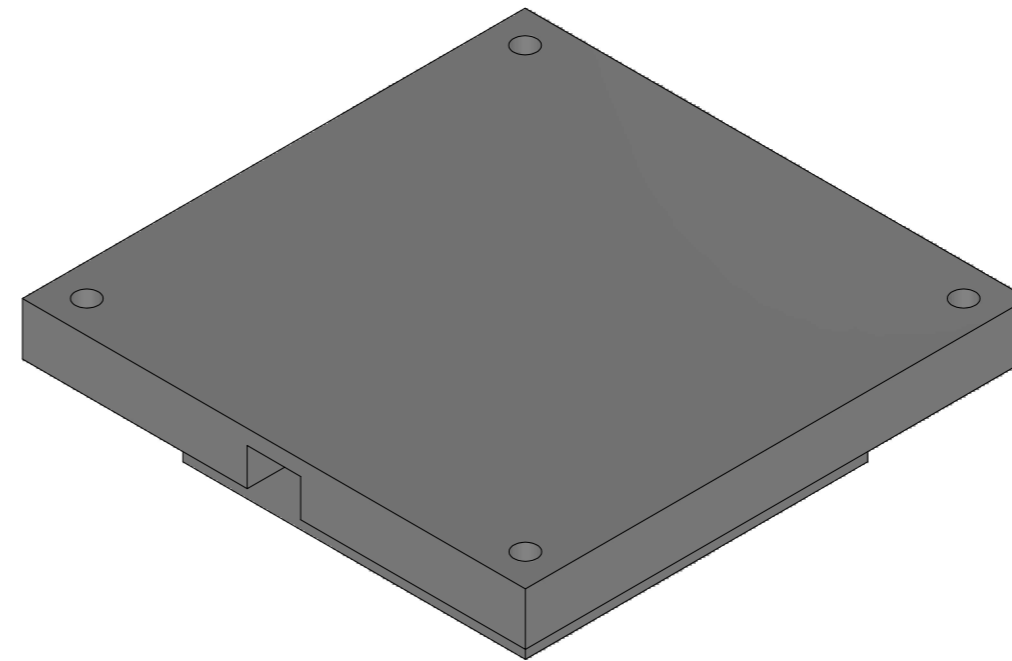
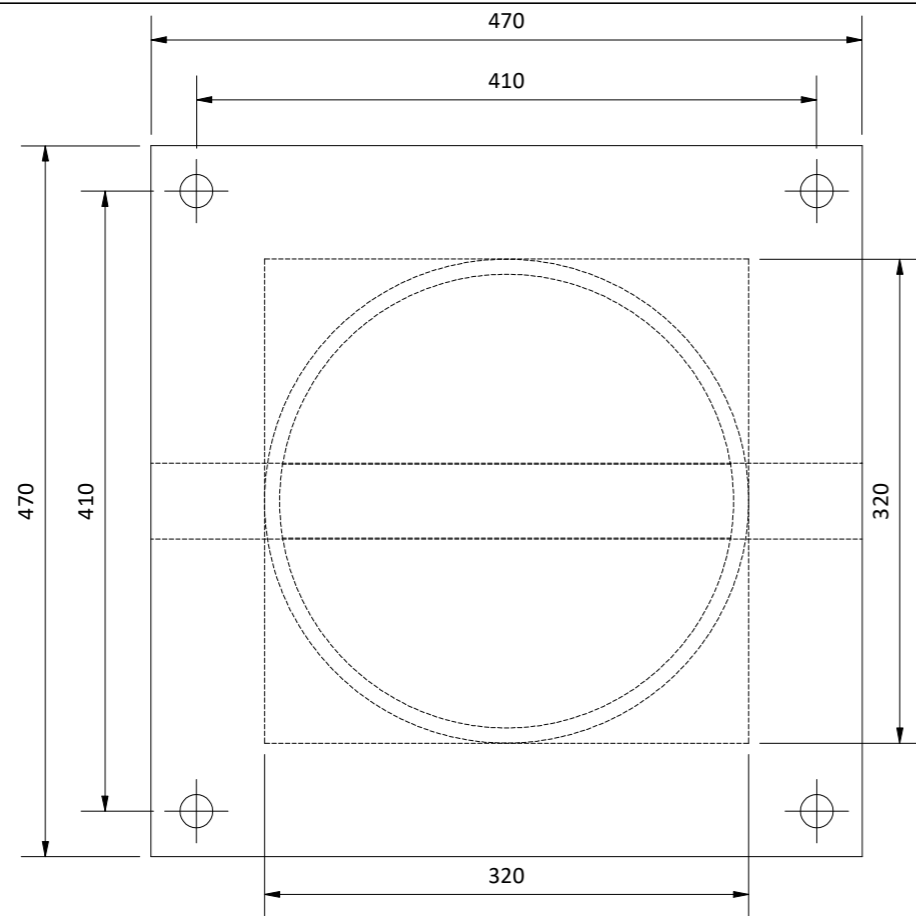
- Norma armonizzata di prodotto: UNI EN 1337-5:2005
- Fornitore: Gumba GmbH & Co. KG

Revisione	Oggetto	Dis.	Contr.	Data
Tutte le misure sono in millimetri, salvo diversa indicazione				
Descrizione del progetto: Bearing TF (fixed)		Disegnato: A. Boogaard		
Oggetto: Scheda tecnica Bearing TF (fixed)		Approvato: A. van der Wiel		
		Data:	15-10-2021	
		Scala:	1 : 5	
		Progetto numero: PR-JPB-IT0459-024		
		Disegno numero: PR-JPB-IT0459-024-1		
		Stato:	Formato:	
		IN WORK	A3	



Peso totale : 61 kg

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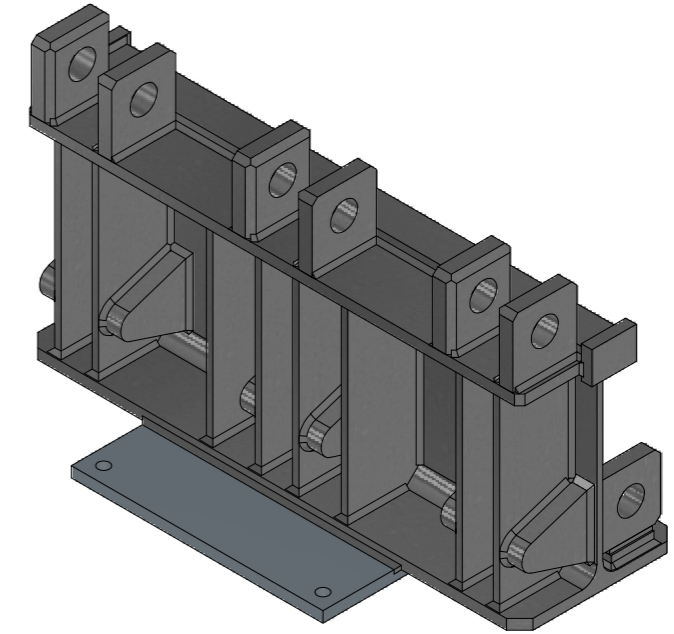
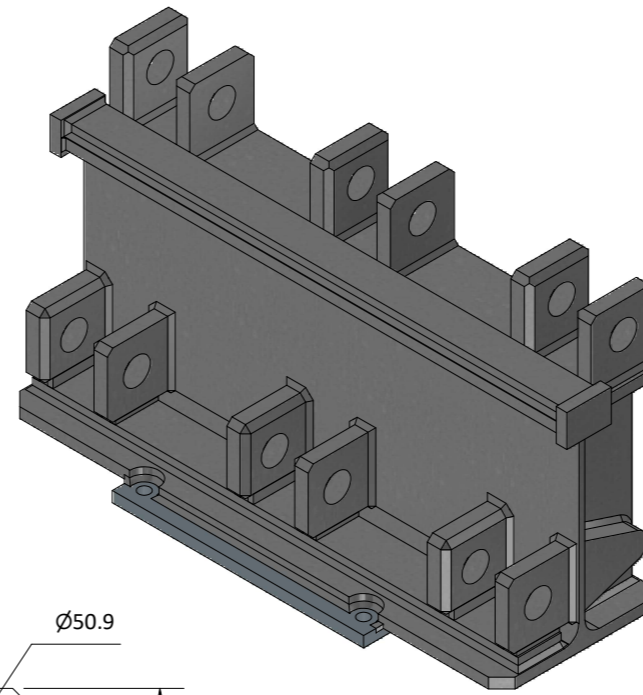
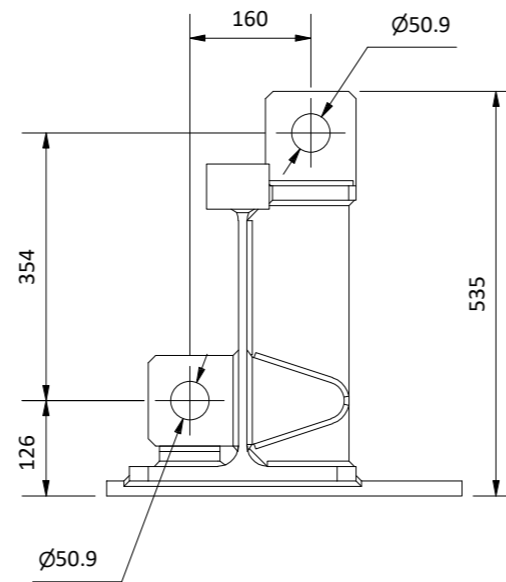
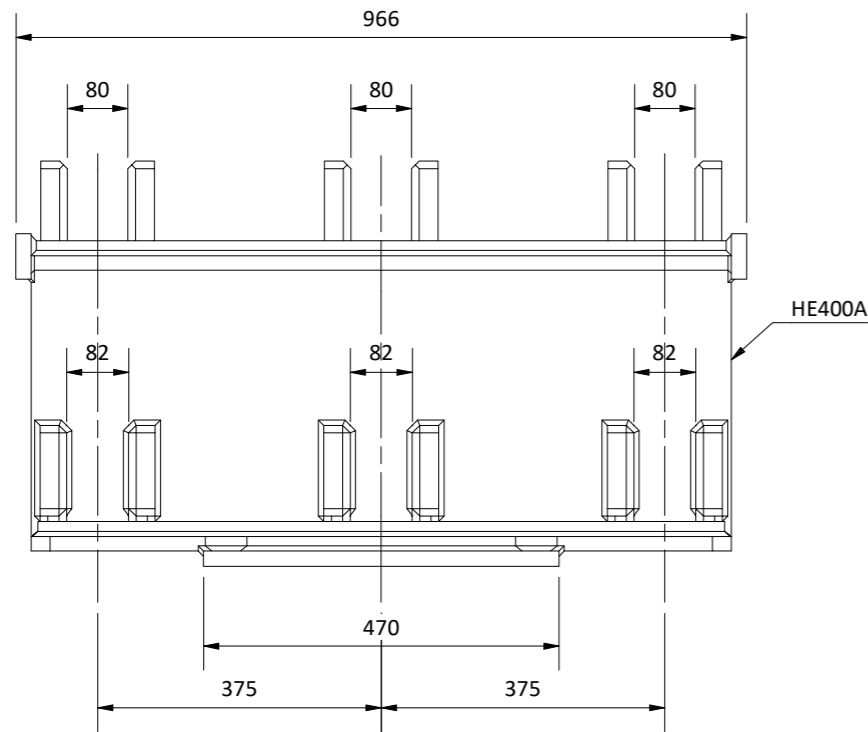
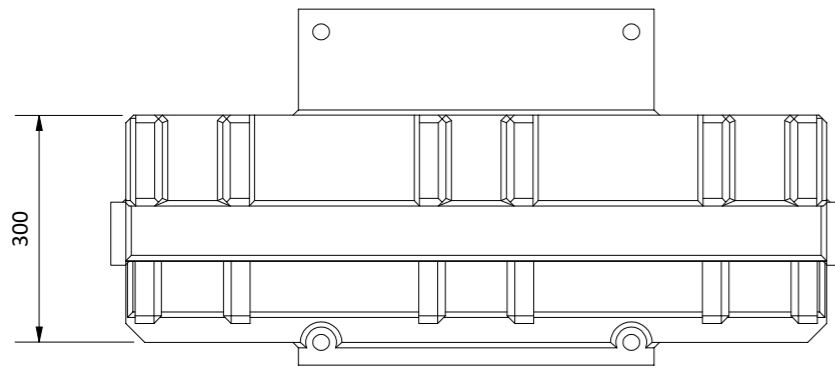


Nota:

- Norma armonizzata di prodotto: UNI EN 1337-5:2005
- Fornitore: Gumba GmbH & Co. KG

Revisione	Oggetto	Dis.	Contr.	Data
Tutte le misure sono in millimetri, salvo diversa indicazione				
Descrizione del progetto: Bearing TGe (guided)		Disegnato: A. Boogaard		
Oggetto: Scheda tecnica Bearing TGe (guided)		Approvato: A. van der Wiel		
		Data:	15-10-2021	
		Scala:	1 : 5	
		Progetto numero: PR-JPB-IT0459-025		
		Disegno numero: PR-JPB-IT0459-025-1		
		Stato: IN WORK	Formato: A3	

Peso totale : 115kg



Nota:

- Norma armonizzata di prodotto: UNI EN 1090-1:2012
- Classe di Esecuzione EXC 3 in accordo a UNI EN 1993-1-1:2014, Annesso C
- Qualità degli acciai in accordo a Norme Tecniche per le Costruzioni (DM 17.01.2018), cap. 11.3.4
- Norma armonizzata degli elementi in acciaio: UNI EN 10025-1:2005
- Norma armonizzata degli elementi in acciaio: UNI EN 10210-1:2006
- Norma armonizzata degli elementi in acciaio: UNI EN 10219-1:2006
- Processi di trasformazione in accordo a norma UNI EN 1090-2:2018
- Processo di saldatura in accordo a norma UNI EN ISO 3834-2:2006
- Processo di protezione dalla corrosione (zincatura a caldo) in accordo a norma UNI EN ISO 1461:2009
- Tolleranze dimensionali essenziali e funzionali (livello 2) in accordo a norma UNI EN 1090-2:2018, Annesso B, par. B.2

Revisione	Oggetto	Dis.	Contr.	Data
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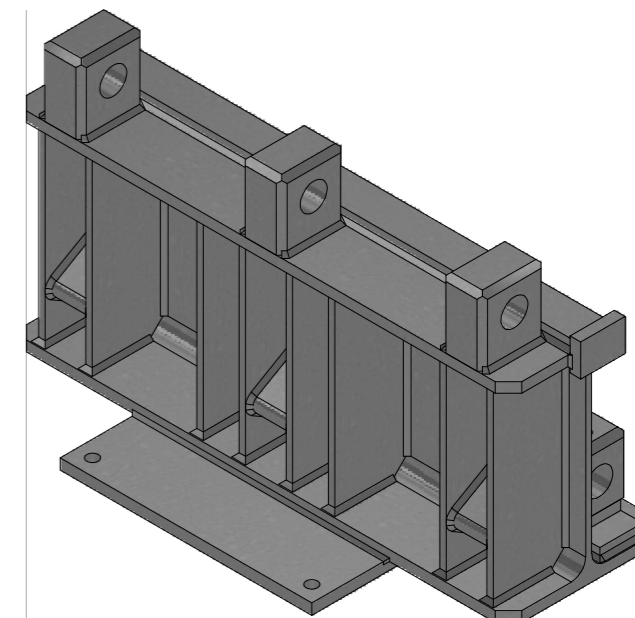
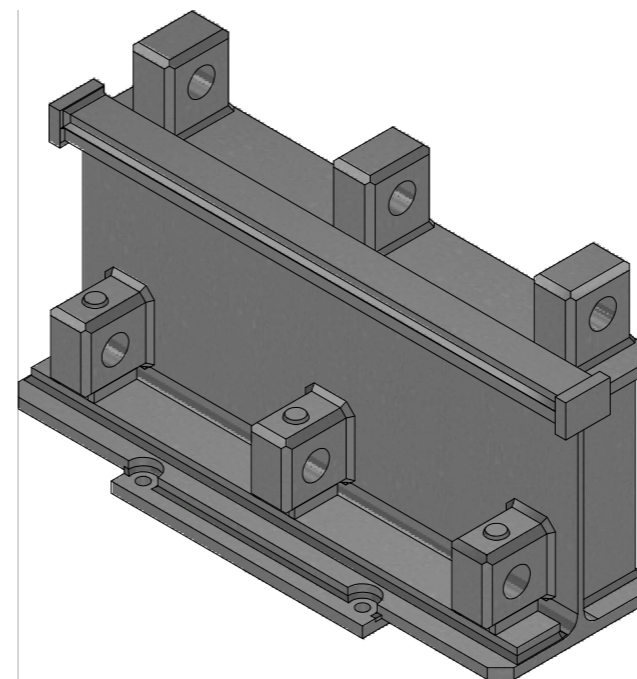
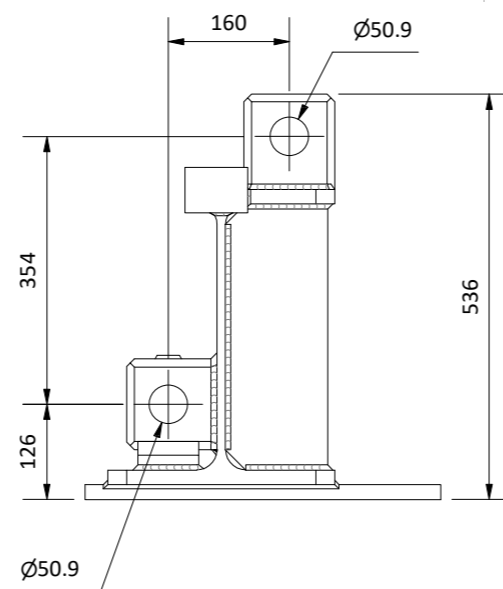
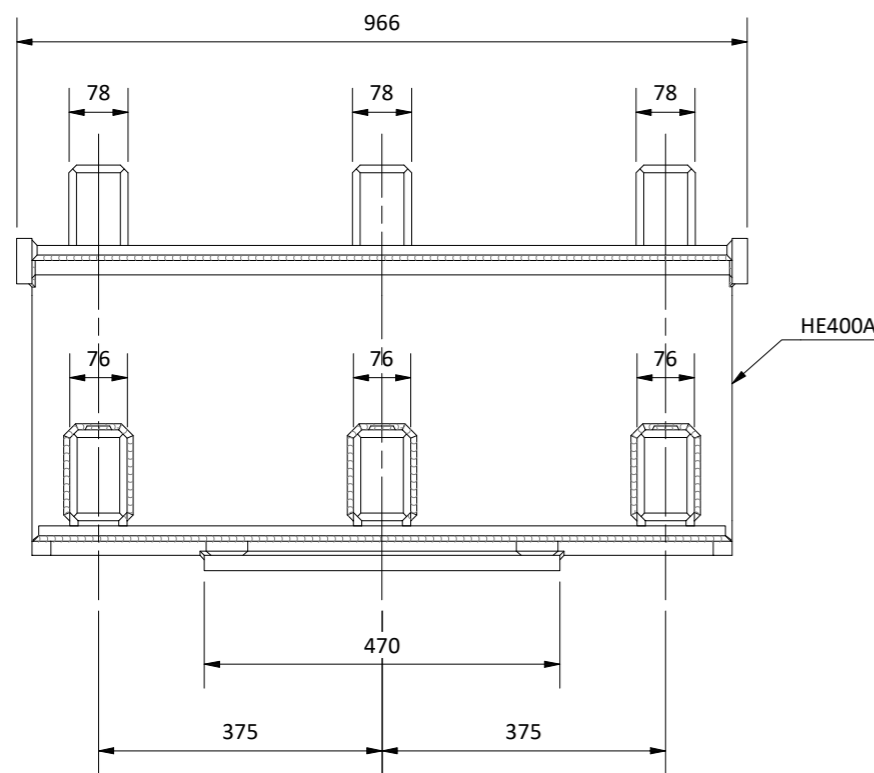
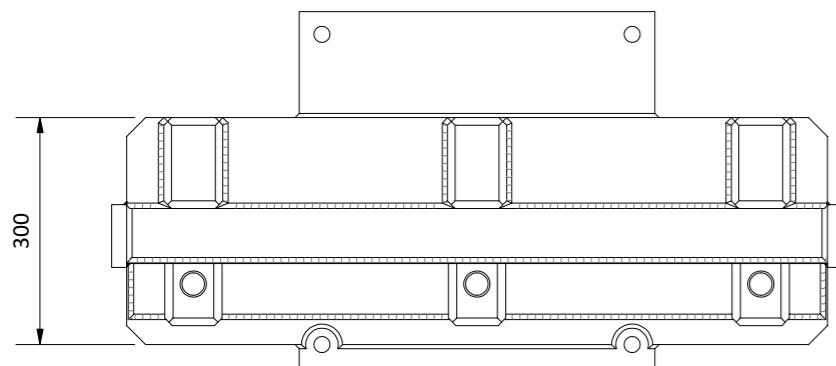
Tutte le misure sono in millimetri, salvo diversa indicazione

Descrizione del progetto: Female bearing for DS+ construction	Disegnato: A. Boogaard Approvato: A. van der Wiel
---	--

Oggetto: Scheda tecnica Female bearing for DS+ construction	Data: 15-10-2021 Scala: 1 : 10
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 JANSON BRIDGING COME ACROSS	Progetto numero: PR-JPB-IT0459-026
	Disegno numero: PR-JPB-IT0459-026-1
	Stato: IN WORK
	Formato: A3

Peso totale : 263 kg (inclusi materiali d'apporto e zincatura)



Nota:

- Norma armonizzata di prodotto: UNI EN 1090-1:2012
- Classe di Esecuzione EXC 3 in accordo a UNI EN 1993-1-1:2014, Annesso C
- Qualità degli acciai in accordo a Norme Tecniche per le Costruzioni (DM 17.01.2018), cap. 11.3.4
- Norma armonizzata degli elementi in acciaio: UNI EN 10025-1:2005
- Norma armonizzata degli elementi in acciaio: UNI EN 10210-1:2006
- Norma armonizzata degli elementi in acciaio: UNI EN 10219-1:2006
- Processi di trasformazione in accordo a norma UNI EN 1090-2:2018
- Processo di saldatura in accordo a norma UNI EN ISO 3834-2:2006
- Processo di protezione dalla corrosione (zincatura a caldo) in accordo a norma UNI EN ISO 1461:2009
- Tolleranze dimensionali essenziali e funzionali (livello 2) in accordo a norma UNI EN 1090-2:2018, Annesso B, par. B.2

Revisione	Oggetto	Dis.	Contr.	Data
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Tutte le misure sono in millimetri, salvo diversa indicazione

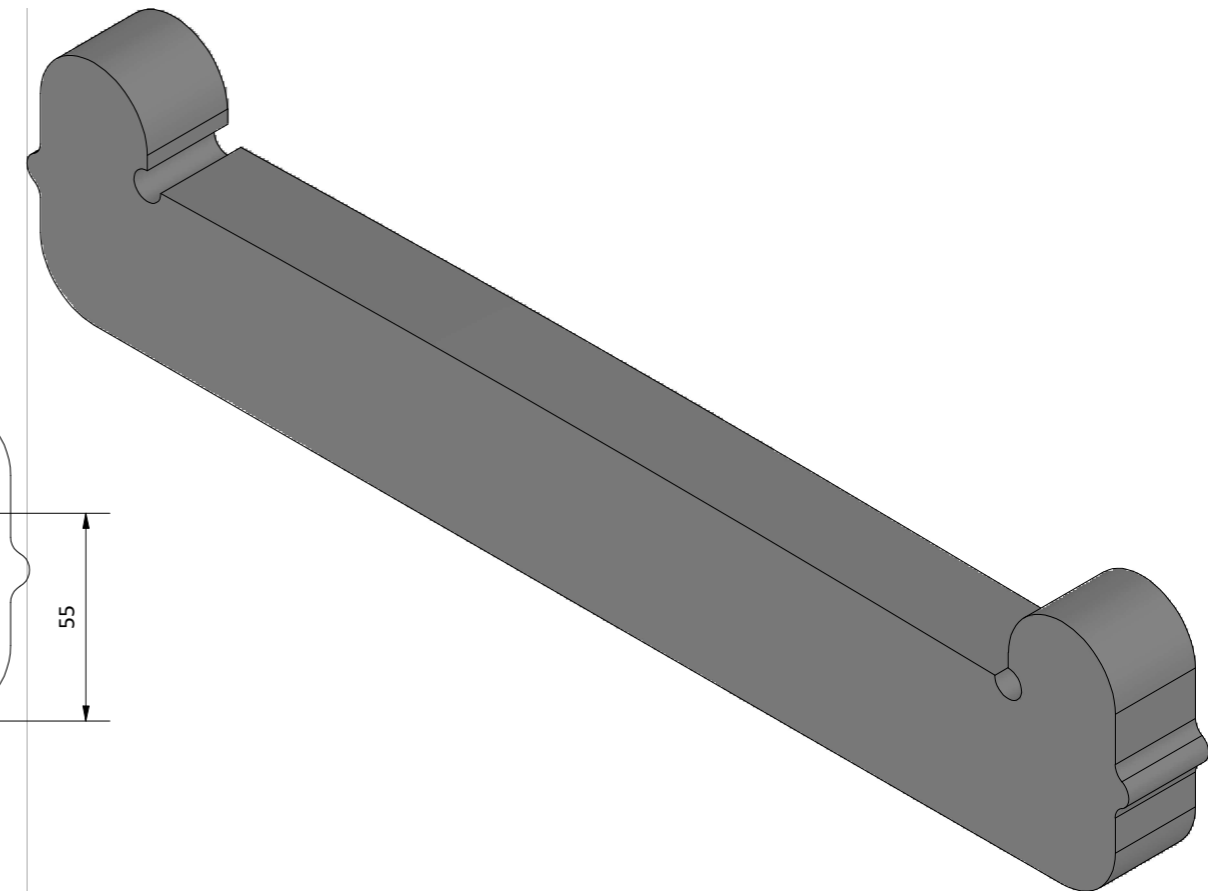
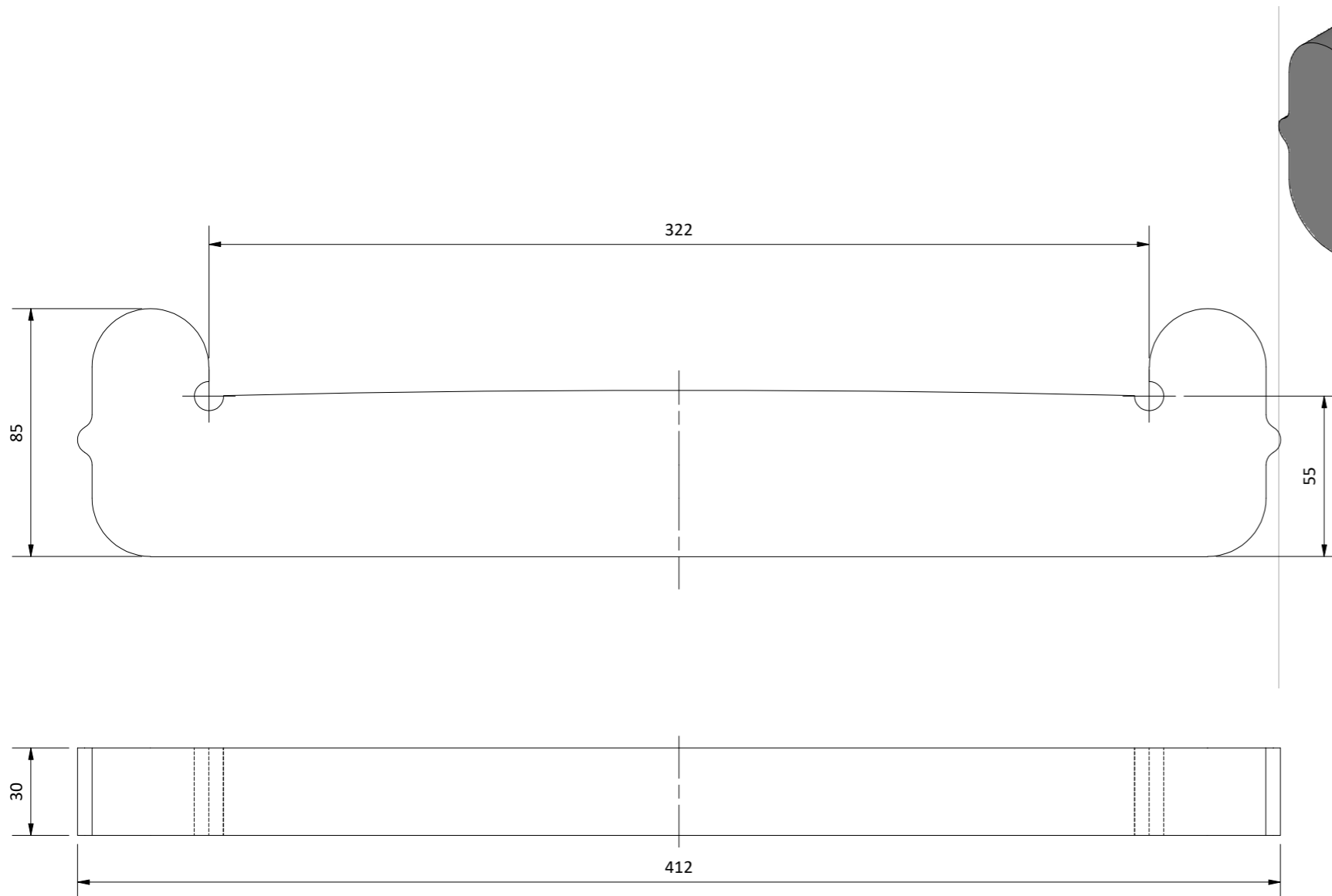
Descrizione del progetto:	Disegnato: A. Boogaard
Male bearing for DS+ construction	Approvato: A. van der Wiel

Oggetto:	Data: 15-10-2021
Scheda tecnica Male bearing for DS+ construction	Scala: 1 : 10

 <p>JANSONBRIDGING COME ACROSS</p>	Progetto numero:	PR-JPB-IT0459-027
	Disegno numero:	PR-JPB-IT0459-027-1
	Stato:	IN WORK
	Formato:	A3

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Peso totale : 236.9 kg (inclusi materiali d'apporto e zincatura)



Nota:

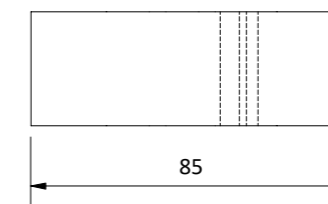
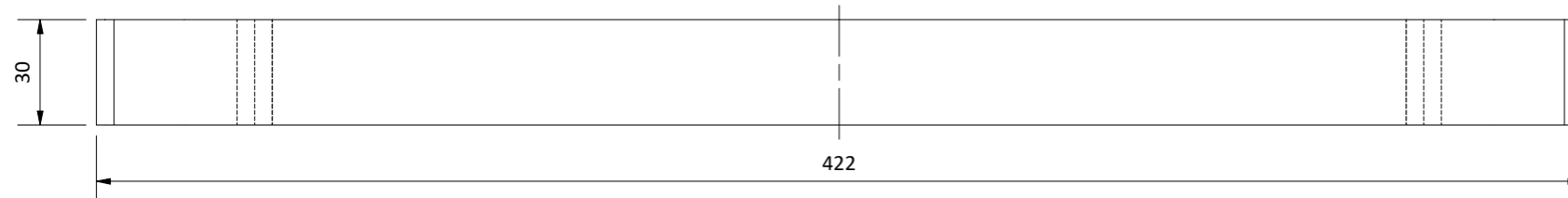
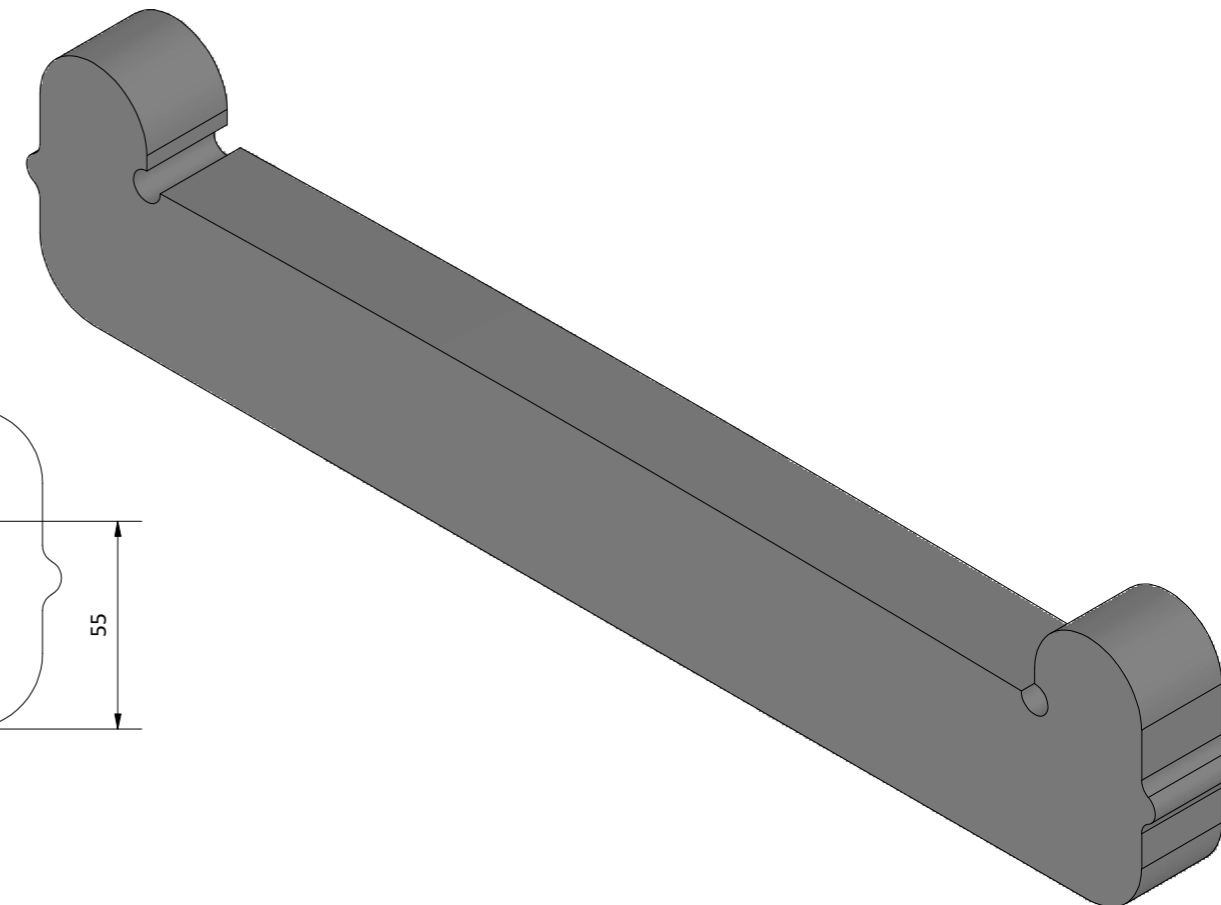
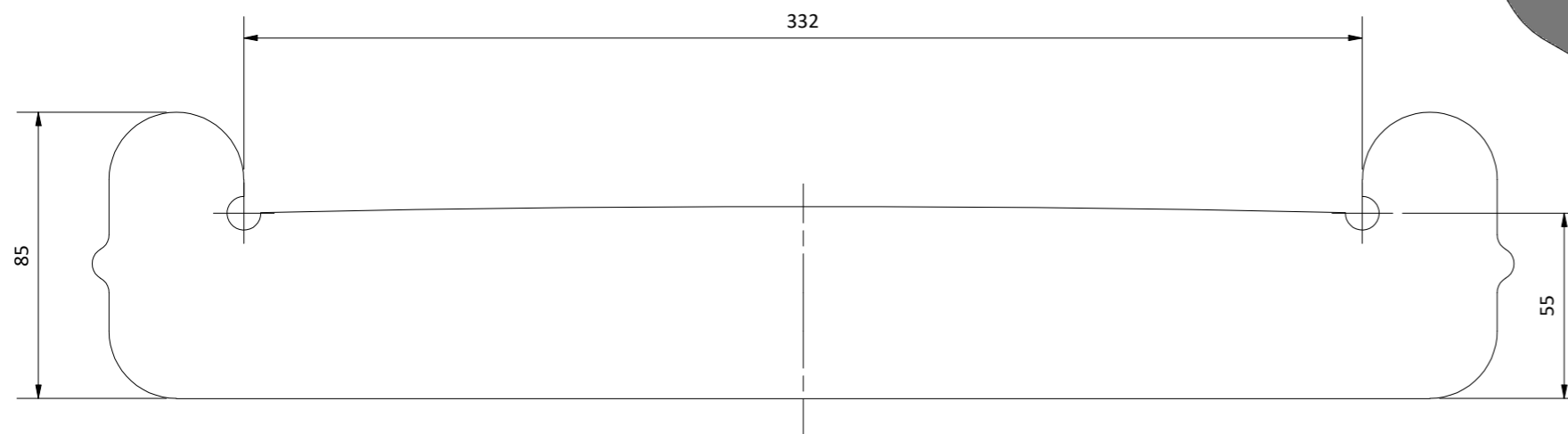
- Norma armonizzata di prodotto: UNI EN 1090-1:2012
- Classe di Esecuzione EXC 2 in accordo a UNI EN 1993-1-1:2014, Annesso C
- Qualità degli acciai in accordo a Norme Tecniche per le Costruzioni (DM 17.01.2018), cap. 11.3.4
- Norma armonizzata degli elementi in acciaio: UNI EN 10025-1:2005
- Norma armonizzata degli elementi in acciaio: UNI EN 10210-1:2006
- Norma armonizzata degli elementi in acciaio: UNI EN 10219-1:2006
- Processi di trasformazione in accordo a norma UNI EN 1090-2:2018
- Processo di saldatura in accordo a norma UNI EN ISO 3834-2:2006
- Processo di protezione dalla corrosione (zincatura a caldo) in accordo a norma UNI EN ISO 1461:2009
- Tolleranze dimensionali essenziali e funzionali (livello 2) in accordo a norma UNI EN 1090-2:2018, Annesso B, par. B.2

Revisione	Oggetto	Dis.	Contr.	Data
Tutte le misure sono in millimetri, salvo diversa indicazione				
Descrizione del progetto: Bearing frame 320mm		Disegnato: A. Boogaard		
		Approvato: A. van der Wiel		
Oggetto: Scheda tecnica Bearing frame 320mm		Data:	15-10-2021	
		Scala:	1 : 2	
 <p>JANSONBRIDGING COME ACROSS</p>		Progetto numero: PR-JPB-IT0459-030		
		Disegno numero: PR-JPB-IT0459-030-1		
		Stato: IN WORK	Formato: A3	

ELENCO ASSEMBLAGGIO ELEMENTI

Parte	Profilo	Condizione tecniche di fornitura	Materiale	Lunghezza	Quantità	Peso (kg)	Peso totale (kg)
PR-JPB-IT0065-030	PL30x85	EN 10025-2	S355J2	412	1	5,7	5,7

Peso totale : 5,7 kg



Nota:

- Norma armonizzata di prodotto: UNI EN 1090-1:2012
- Classe di Esecuzione EXC 2 in accordo a UNI EN 1993-1-1:2014, Annesso C
- Qualità degli acciai in accordo a Norme Tecniche per le Costruzioni (DM 17.01.2018), cap. 11.3.4
- Norma armonizzata degli elementi in acciaio: UNI EN 10025-1:2005
- Norma armonizzata degli elementi in acciaio: UNI EN 10210-1:2006
- Norma armonizzata degli elementi in acciaio: UNI EN 10219-1:2006
- Processi di trasformazione in accordo a norma UNI EN 1090-2:2018
- Processo di saldatura in accordo a norma UNI EN ISO 3834-2:2006
- Processo di protezione dalla corrosione (zincatura a caldo) in accordo a norma UNI EN ISO 1461:2009
- Tolleranze dimensionali essenziali e funzionali (livello 2) in accordo a norma UNI EN 1090-2:2018, Annesso B, par. B.2

Revisione	Oggetto	Dis.	Contr.	Data
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Tutte le misure sono in millimetri, salvo diversa indicazione

Descrizione del progetto:	Disegnato: A. Boogaard
Bearing frame 330mm	Approvato: A. van der Wiel
Oggetto:	Data: 15-10-2021
Scheda tecnica Bearing frame 330mm	Scala: 1 : 2



Progetto numero:	
PR-JPB-IT0459-031	
Disegno numero:	
PR-JPB-IT0459-031-1	
Stato:	Formato:
IN WORK	A3

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ELENCO ASSEMBLAGGIO ELEMENTI

Parte	Profilo	Condizione tecniche di fornitura	Materiale	Lunghezza	Quantità	Peso (kg)	Peso totale (kg)
PR-JPB-IT0065-031	PL30x85	EN 10025-2	S355J2	422	1	5,9	5,9

Peso totale : 5,9 kg