

SKY MAN[®] International



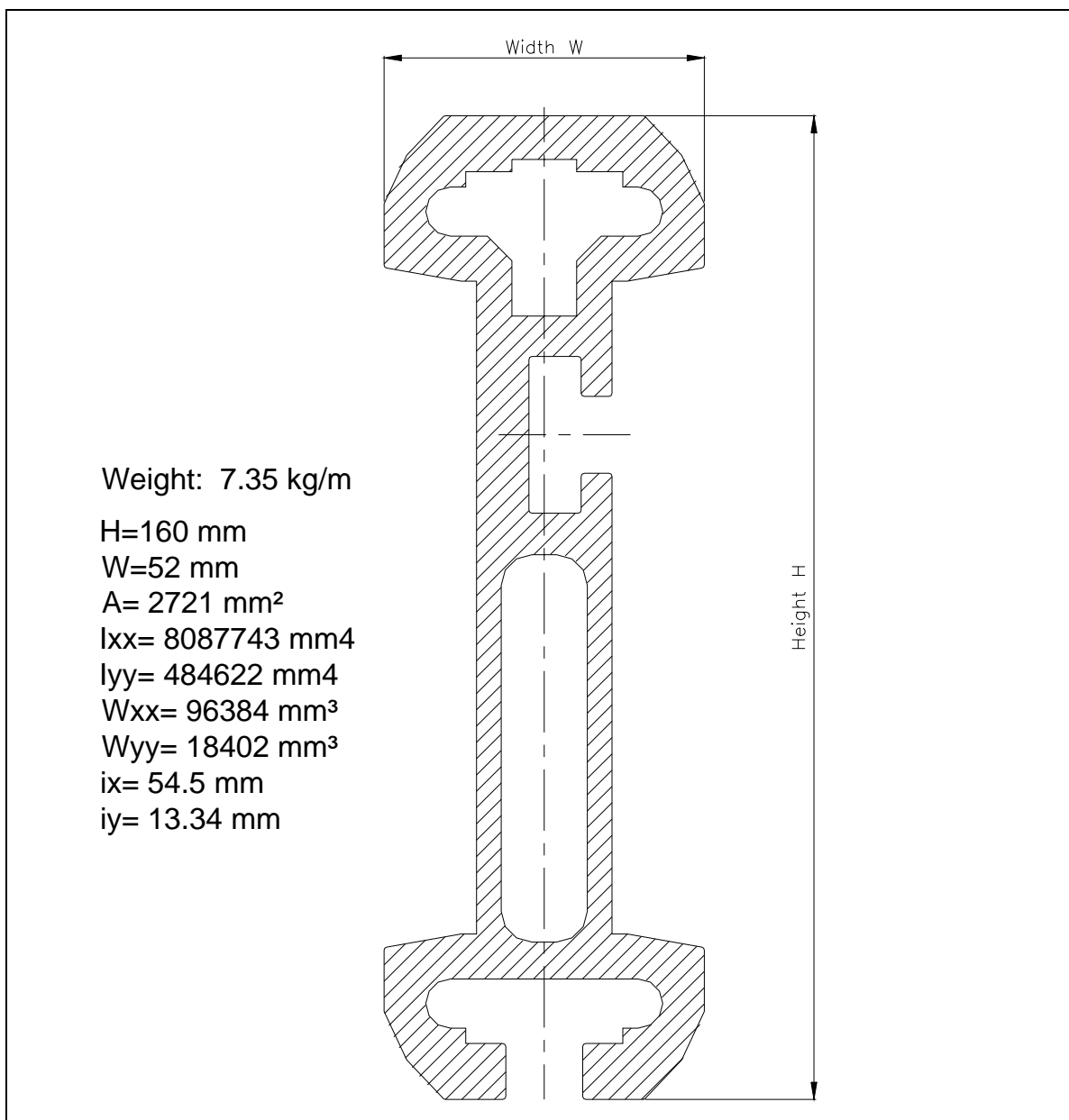
SKY RAIL SYSTEM SR160

TABLE OF CONTENTS

1. MONORAIL SYSTEMS.....	2
1.1. SKYRAIL SR160 SYSTEM	2
1.2. SKYRAIL SR160 TROLLEY-SYSTEMS	6
1.3. SKYRAIL SPECIAL SUSPENSION SYSTEMS	7

1. MONORAIL SYSTEMS

1.1. SKYRAIL SR160 SYSTEM



Weight: 7.35 kg/m

H=160 mm

W=52 mm

A= 2721 mm²

I_{xx}= 8087743 mm⁴

I_{yy}= 484622 mm⁴

W_{xx}= 96384 mm³

W_{yy}= 18402 mm³

i_x= 54.5 mm

i_y= 13.34 mm

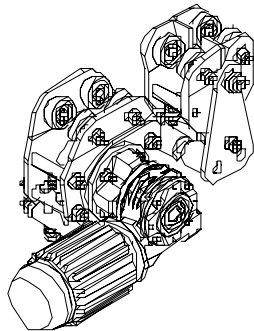
**International Design registration
DM/054996**

DEBURR AND BREAK ALL SHARP EDGES UNLESS OTHERWISE STATED				REPLACES	
TOL DIN 17615		MACHINED SURFACES 6.3 ISO 1302		REPLACED BY	
SCALE 1/1	SIZE A4	USE MONORAIL SYSTEMS	DRN ERIK DOCKX	MATERIAL AlMgSi 0.5 F25 (6063 T66)	
ISO-SYMBOL 		WEIGHT 7.3478 kg/m	DATE 02-03-2004	TREATMENT	
TITLE SKYRAIL SR160				DRG.NR. R100.00.02	REV. A
N.V. SKY MAN INTERNATIONAL S.A. ADDRESS: HOEK 76, 43/44 2850 BOOM (BELGIUM) - PHONE:32-3-844.65.86 - FAX:32-3-844.29.56				MODIFICATION Update material spec.	

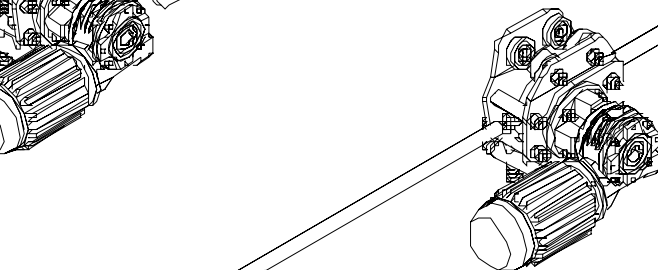
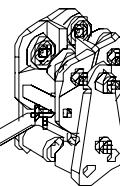
1.2.

SKYRAIL SR160 TROLLEY-SYSTEMS

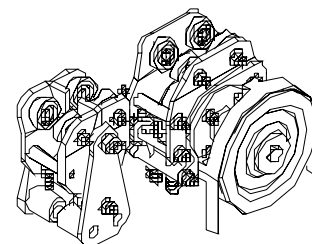
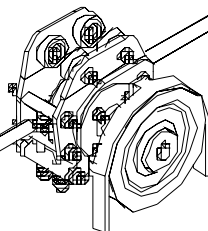
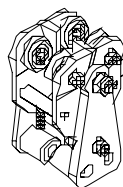
Electric powered
trolley configuration
for use with
workcage



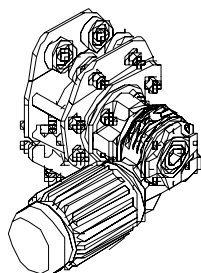
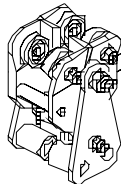
Electric powered
trolley configuration
for use with
2m P.I. Platform



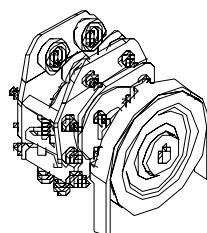
Manually powered
trolley configuration
for use with
2m P.I. Platform



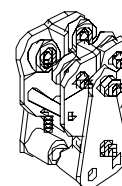
Manually powered
trolley configuration
for use with workcage



Electric powered traction
trolley assembly



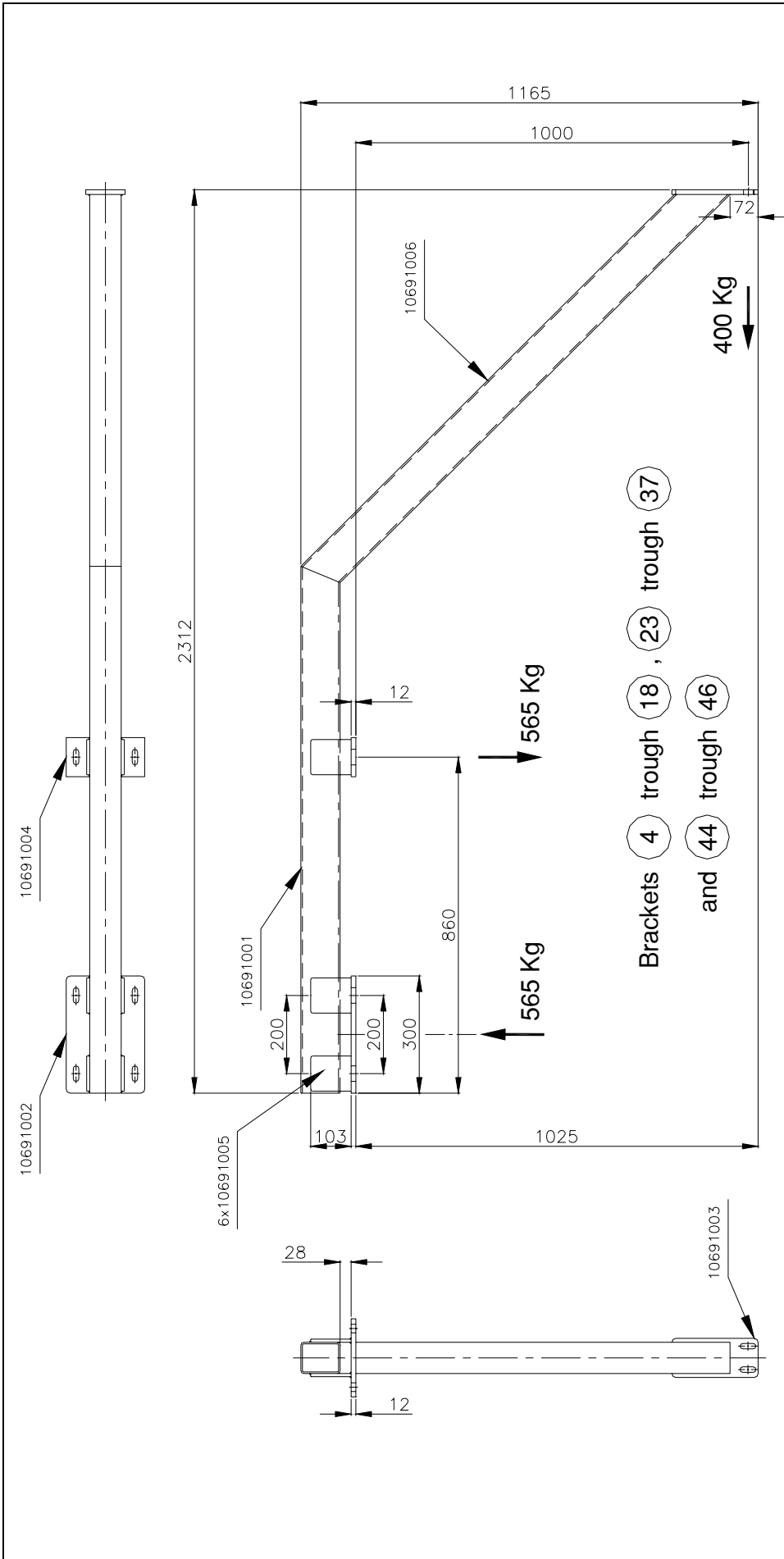
Manual Chaindriven
traction trolley assembly



Individual suspension
trolley assembly

1.3.

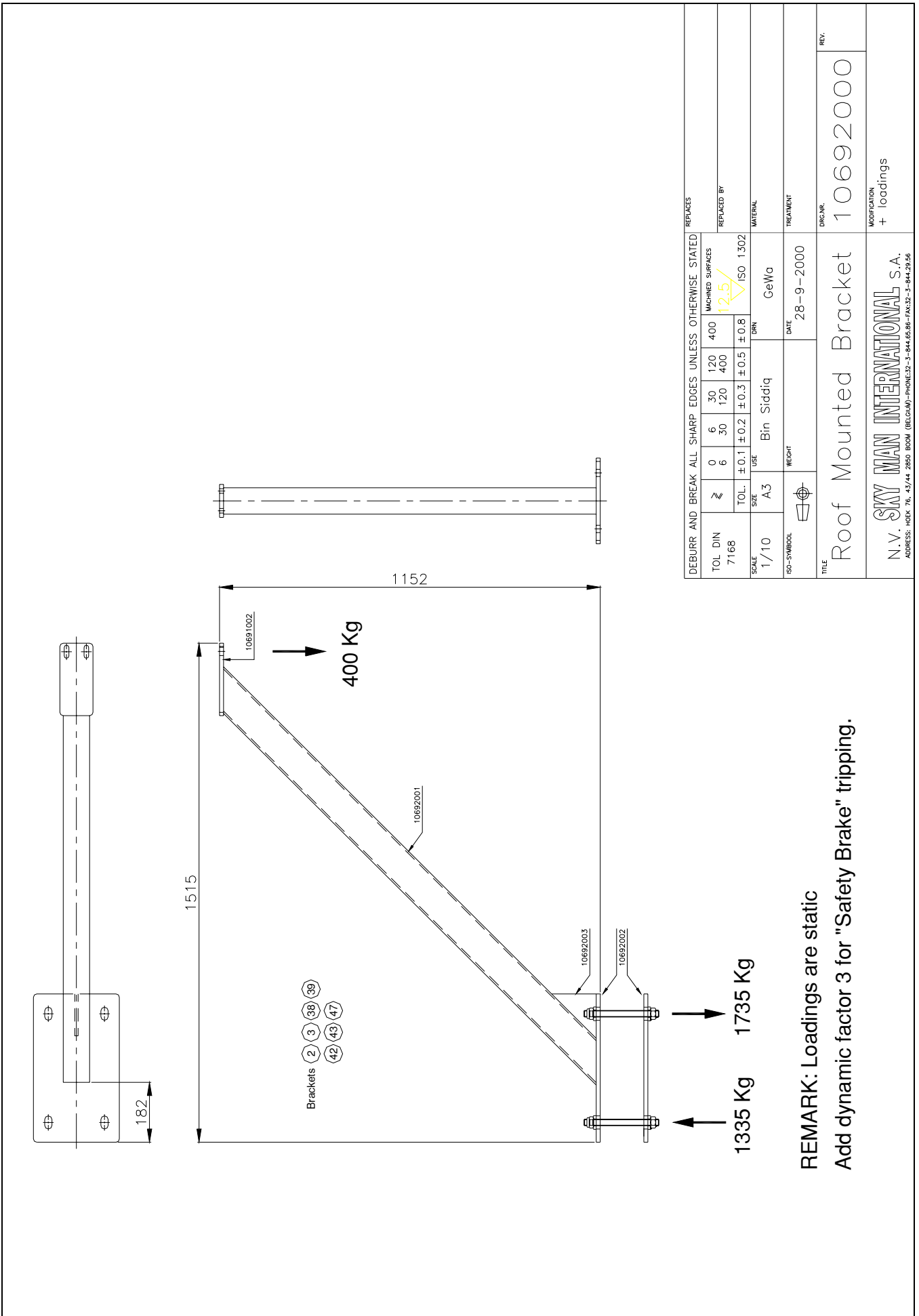
SKYRAIL SPECIAL SUSPENSION SYSTEMS



Brackets 4 trough 18, 23 trough 37
and 44 trough 46

DEBURR AND BREAK ALL SHARP EDGES UNLESS OTHERWISE STATED		REPLACES	
TOL DIN	0 6 30 120 400	MACHINED SURFACES	REPLACED BY
7168	±0.1 ±0.2 ±0.3 ±0.5 ±0.8	12.5	
SCALE	1/10	ISO 1302	
ISO-SYMBOL	A3	MATERIAL	ST37
USE	Bin Siddiq	TREATMENT	
WEIGHT		DATE	28-9-2000
TITLE	Parapet Mounted Bracket		
REV.	10691000 A		
MODIFICATION + loadings			
N.V. SKY MAN INTERNATIONAL S.A. ADDRESS: HDK 76, 43/44, 2850 BLOOM (BELGIUM) - PHONE: 32-3-844.60.86 - FAX: 32-3-844.29.56			

REMARK: Loadings are static
Add dynamic factor 3 for "Safety Brake" tripping.



DEBURR AND BREAK ALL SHARP EDGES UNLESS OTHERWISE STATED

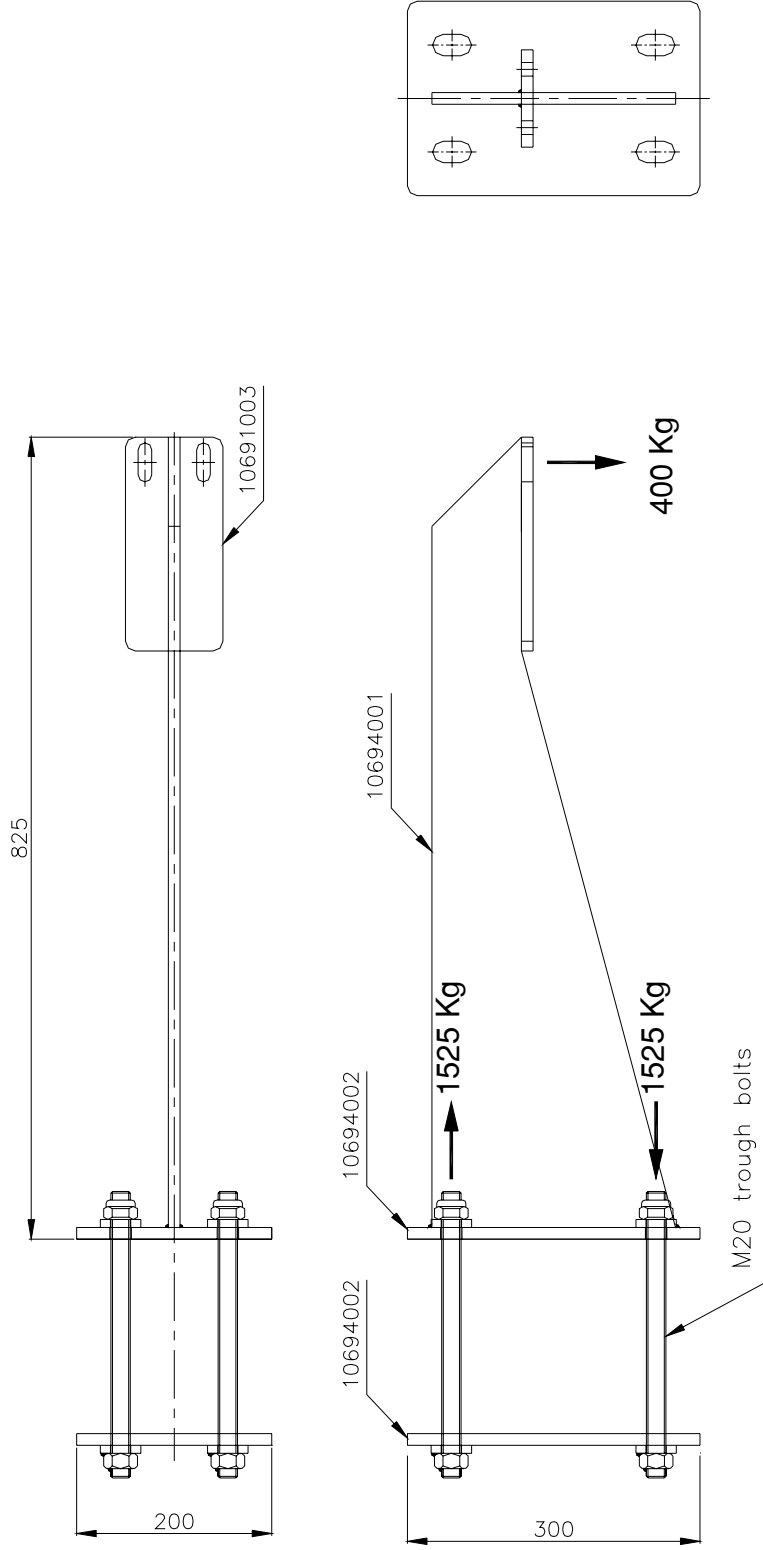
TOL. DIN	≤	0	6	30	120	400	MACHINED SURFACES
7168		6	30	120	400		12.5
TOL.	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8		ISO 1302
SCALE	1/10						
ISO-SYMBOL							
SIZE	A3						
USE							
DRN							
DATE							
WEIGHT							
DATE							

REMARK: Loadings are static
Add dynamic factor 3 for "Safety Brake" tripping.

REPLACES	
REPLACED BY	
MATERIAL	GeWa
TREATMENT	28-9-2000
DRG.NR.	10692000
REV.	
MODIFICATION	+ loadings

TITLE Roof Mounted Bracket

N.V. SKY MAN INTERNATIONAL s.a.
ADDRESS: MOEK 76, 43/44, 2860 BOOM (BELGIUM) - PHONE: 32-3-844.65.86 - FAX: 32-3-844.29.56



Brackets 19 20 21 and 22

DEBURR AND BREAK ALL SHARP EDGES UNLESS OTHERWISE STATED		REPLACES	
TOL. DIN	≤	0	6
7168		30	120
		400	400
		MACHINED SURFACES	
		12.5	
		ISO 1302	
TOL.	± 0.1	± 0.2	± 0.3
		± 0.5	± 0.8
SCALE	1/5	SIZE	A3
ISO-SYMBOL		USE	Bin Siddiq
		DATE	28-9-2000
		TREATMENT	GeWa
TITLE	Wall Mounted Bracket		
DRG.NR.	10694000		
REV.	A		
MODIFICATION + Loadings			
N.V. SKY MAN INTERNATIONAL SA			
ADDRESS: NOK. 76. 43/14. 2860. BOOM (BELGIUM)-PHONE:32-3-844.65.86-FAX:32-3-844.29.56			

REMARK: Loadings are static
Add dynamic factor 3 for "Safety Brake" tripping.