

CONVEYOR NO. : _____

TAG NO. : _____

- LOAD DATA :
- 1. STATIC LOAD : 900 KG.
 - 2. DYNAMIC LOAD : ~30% OF STATIC LOAD IN BOTH VERTICAL & HORIZONTAL DIRECTION.
 - 3. IDLERS NOT SHOWN - BUT ARE RECOMMENDED FOR ACCURATE SAMPLING
 - 4. EACH IDLER MASS : 40 KG. (4 NOS).

- GENERAL NOTES :
- 1. DO NOT ASSUME, ASK IF IN DOUBT.
 - 2. ALL DIMENSIONS ARE IN mm U.O.S
 - 3. ALL WELDS TO BE CONTINUOUS U.O.S
 - 4. ALL DIMENSIONS & INFORMATION ARE TENTATIVE ONLY, MAY CHANGE WITHOUT PRIOR NOTICE.
 - 5. LIFTING LUGS PROVIDED FOR THE GUARDS SHOULD NOT BE USED FOR LIFTING THE WHOLE EQUIPMENT

REV	DETAILS OF CHANGE	DATE	MODIFIED BY	APPROVED BY
0	FIRST ISSUE	09.05.2019		

REVISION HISTORY

JOB No.:

GENERAL TOLERANCES OF FORM & POSITION

DEFINITION	SYMBOL	DEFINITION	SYMBOL	DEFINITION	SYMBOL
STRAIGHTNESS	—	PARALLELISM		LINE FORM	⌒
ROUNDNESS	○	PERPENDICULAR	⊥	PLANE NESS	□
CYL FORM	⊘	CONCENTRICITY	⊙	LAMINAR SURF TOL	⌒
		TRUENESS	⌒		

PEAK TO VALLEY HEIGHT Rt μm	SYMBOL	SYMBOL	SYMBOL	SYMBOL	SYMBOL
63	50	N12	25	N11	12.5
16	6.3	N9	3.2	N8	1.6
4	0.8	N6	0.4	N5	0.2
1	0.1	N3	0.05	N2	0.025

CUSTOMER: PROJECT: REMARKS:

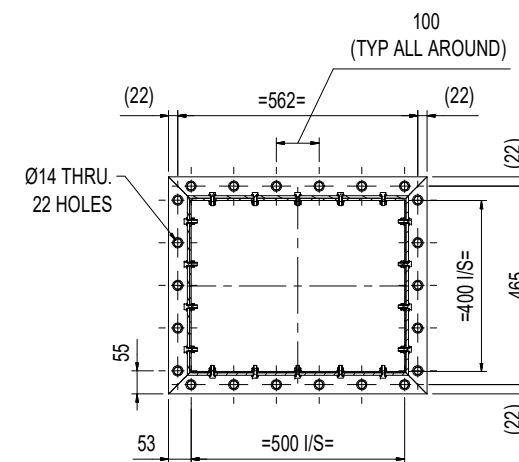
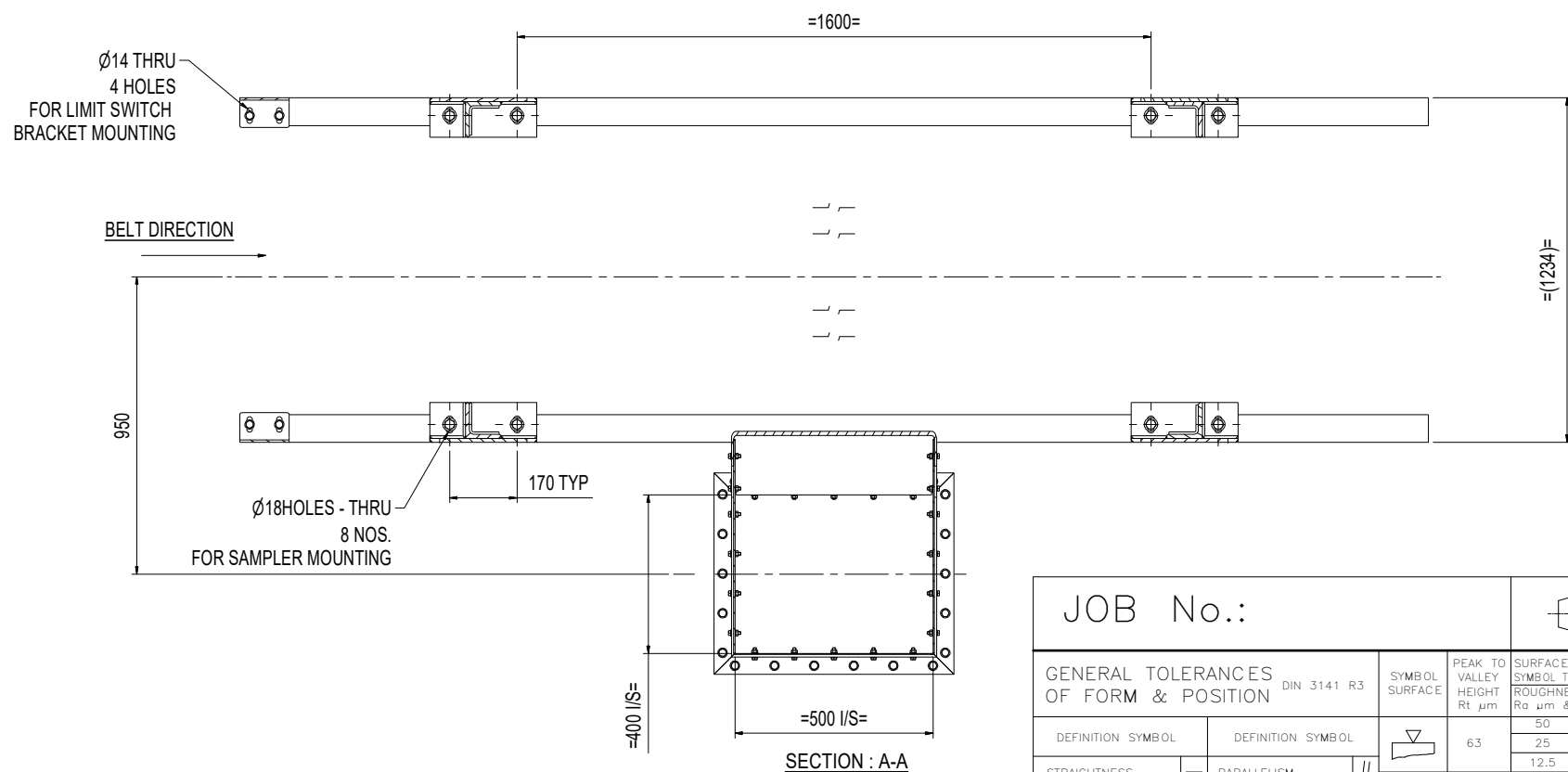
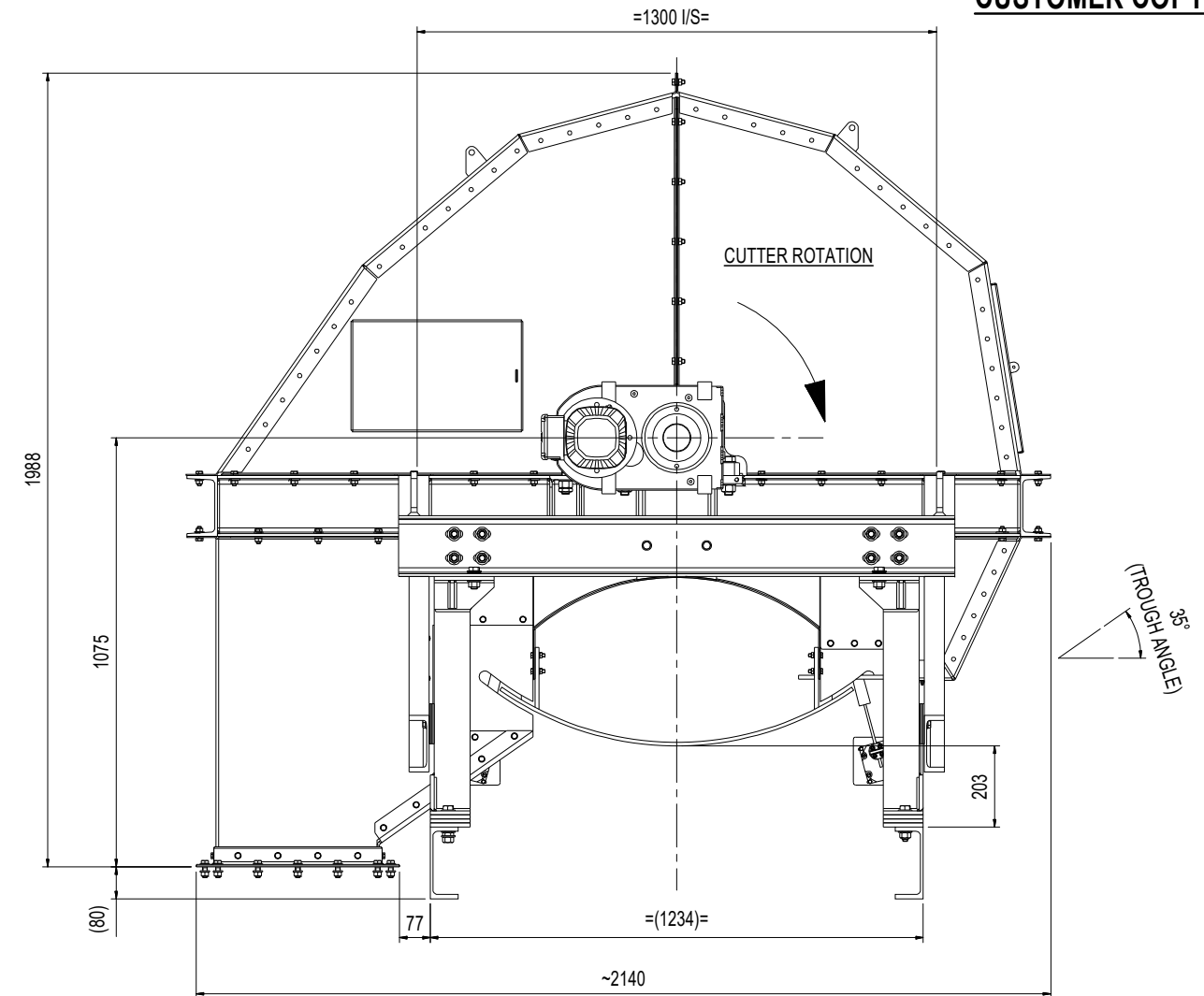
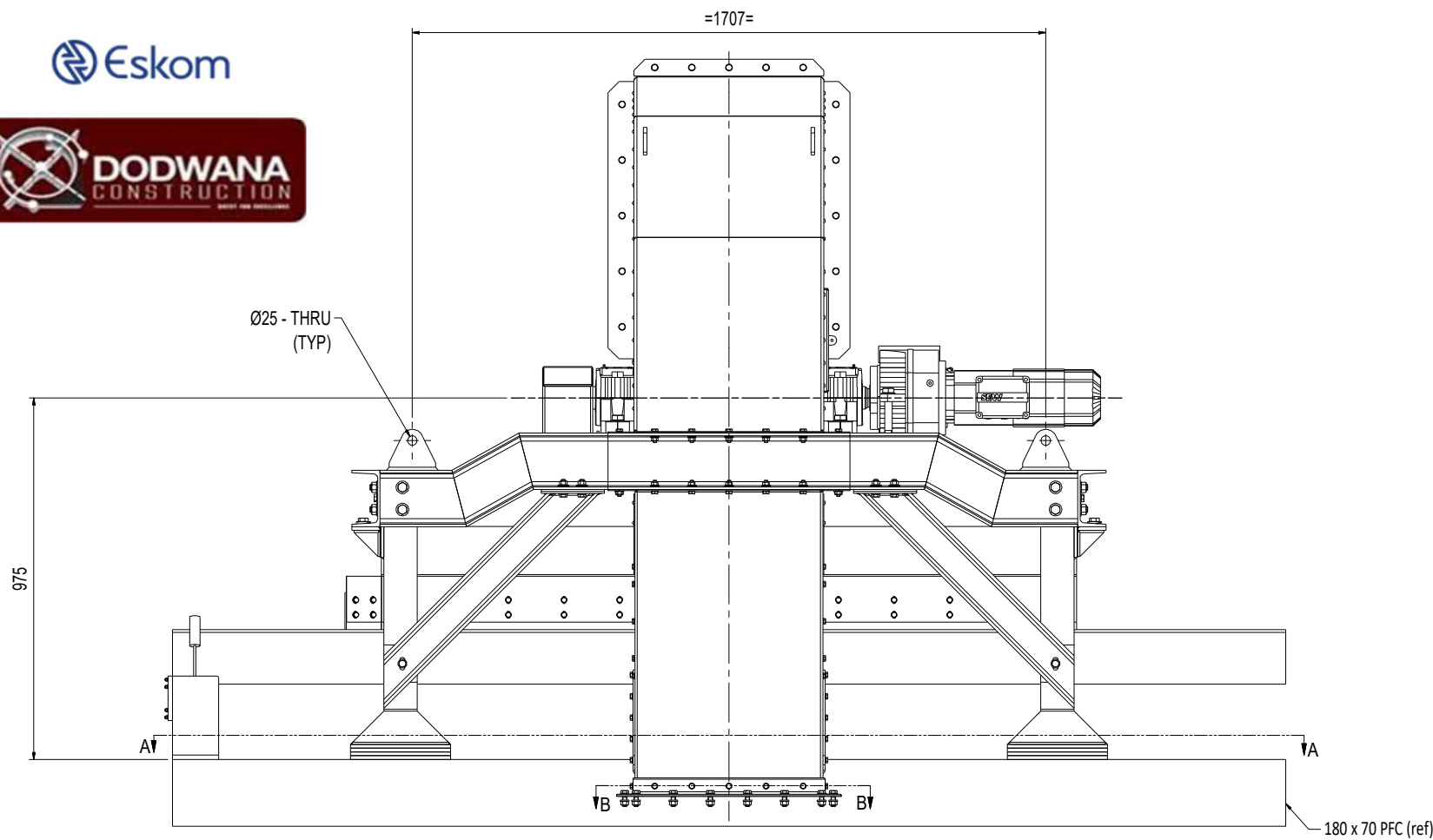
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MALVERN ENGINEERING

DATE	NAME
09.05.2019	BMS
09.05.2019	C.B
09.05.2019	C.B

SCALE	NTS	WEIGHT	~900 Kgs
MATERIAL	NA	SHEET	1 OF 2
DESCRIPTION			
CROSS BELT HAMMER SAMPLER			
GA OF 900x400x500 WITH 150mm HEAD APERTURE (RIGHT HAND DISCHARGE)			
DRAWING IDENT. No			
57-0401-01-008			
(SUPERSEDED BY:)	(SUPERSEDES:)	REV	0



SECTION : B-B

CONVEYOR NO. : _____

TAG NO. : _____

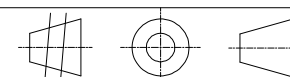
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JOB No.:



CUSTOMER: PROJECT: REMARKS: Accepted by Y. Mgwebi

SCALE NTS WEIGHT ~900 Kgs MATERIAL NA SHEET 2 OF 2

GENERAL TOLERANCES OF FORM & POSITION		DIN 3141 R3		SYMBOL SURFACE		PEAK TO VALLEY HEIGHT Rt µm		SURFACE-TEXTURE SYMBOL TO ISO R1302		ROUGHNESS VALUE Ra µm & GRADE No.		MACHINING TOLER. ACC TO DIN 7168 & ISO 2768	
DEFINITION	SYMBOL	DEFINITION	SYMBOL	DEFINITION	SYMBOL	DEFINITION	SYMBOL	DEFINITION	SYMBOL	DEFINITION	SYMBOL	DEFINITION	SYMBOL
STRAIGHTNESS	—	PARALLELISM		63	50 N12	25 N11	12.5 N10	6.3 N9	3.2 N8	1.6 N7	0.8 N6	0.4 N5	0.2 N4
ROUNDNESS	○	PERPENDICULAR	⊥	16	0.1 N3	0.05 N2	0.025 N1	0.05 N2	0.025 N1	0.05 N2	0.025 N1	0.05 N2	0.025 N1
LINE FORM	∩	INCLINATION	∠	4	0.1 N3	0.05 N2	0.025 N1	0.1 N3	0.05 N2	0.025 N1	0.1 N3	0.05 N2	0.025 N1
PLANE NESS	□	SYMMETRICAL	≡	1	0.1 N3	0.05 N2	0.025 N1	0.1 N3	0.05 N2	0.025 N1	0.1 N3	0.05 N2	0.025 N1
CYL FORM	⊖	CONCENTRICITY	⊙	1	0.1 N3	0.05 N2	0.025 N1	0.1 N3	0.05 N2	0.025 N1	0.1 N3	0.05 N2	0.025 N1
LAMINAR SURF TOL	∩	TRUENESS	∩	1	0.1 N3	0.05 N2	0.025 N1	0.1 N3	0.05 N2	0.025 N1	0.1 N3	0.05 N2	0.025 N1

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MALVERN ENGINEERING

TRACED	DATE	NAME
DRAWN	09.05.2019	BMS
CHECK	09.05.2019	C.B
APP.	09.05.2019	C.B



DESCRIPTION CROSS BELT HAMMER SAMPLER GA OF 900x400x500 WITH 150mm HEAD APERTURE (RIGHT HAND DISCHARGE)

DRAWING IDENT. No 57-0401-01-008

QUANTITY REQD: 1 (SUPERSEDED BY:) (SUPERSEDES:) REV 0 A2

REV	DETAILS OF CHANGE	DATE	MODIFIED BY	APPROVED BY
0	FIRST ISSUE	09.05.2019		

REVISION HISTORY