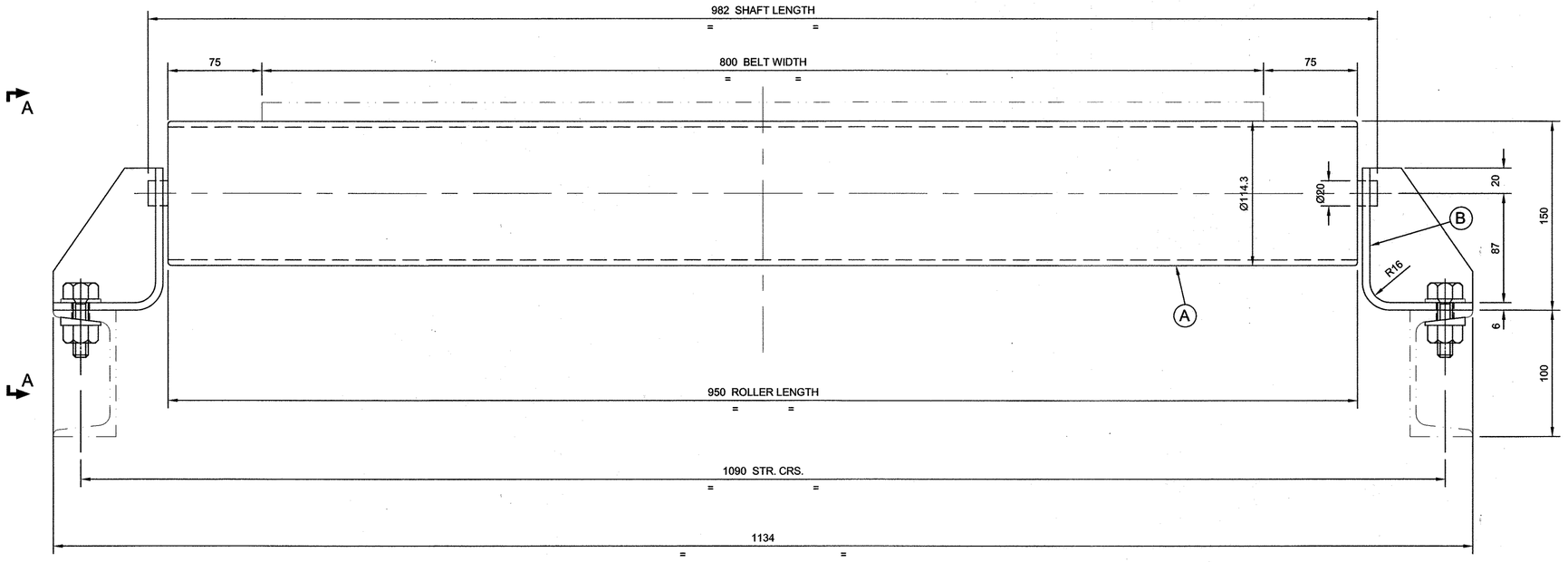
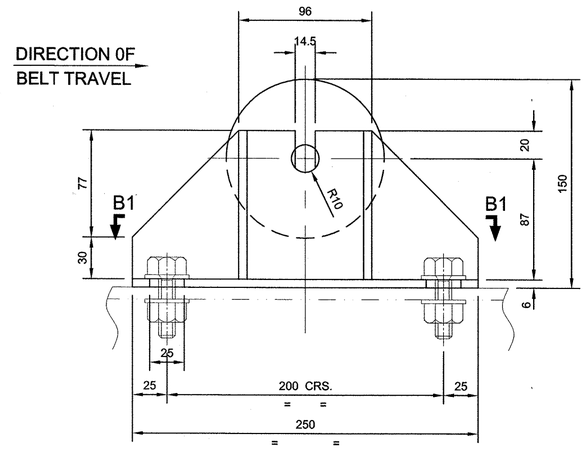
DRG.NO.	REVISION

FOR ANY MODIFICATION SEEK DESIGN OFFICE APPROVAL

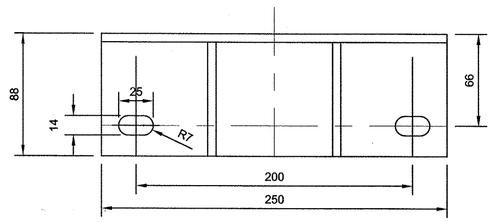
DO NOT SCALE DRAWING ASK IF IN DOUBT

FILE NAME: JN2562-032M, R1





VIEW - 'A-A'



SEC. 'B1-B1'

ASSEMBLY OF CARRYING IDLER

	Ref. / Order No. (संदर्भ/ आदेश संख्या)	
	CHECKED BY (जाँचकर्ता)	AM
☐	RETAINED FOR INFORMATION (As Marked)	
√	RETAINED FOR INFORMATION जानकारी के लिए रखा गया	PK

यह अनुमोदन आपूर्तिकर्ता / ठेकेदार को उनके अनुबंध संबंधी दायित्वों/जिम्मेदारियों से मुक्त नहीं करता है।

This Approval does not absolve the Supplier / Contractor of their contractual obligations / responsibilities

PDIL — प्रोजेक्ट्स एण्ड डेवलपमेंट इंडिया लिमिटेड नोएडा
PROJECTS & DEVELOPMENT INDIA LTD. NOIDA

TECHNICAL SPECIFICATION OF IDLER ROLLER : -

1. ROLLER DIA :- 114.3 MM
2. SHELL THICKNESS :- 4.5 MM
3. EACH ROLLER LENGTH :- 950 MM
4. PIPE MATL.: ERW MS AS PER IS:9295
5. SHAFT MATL.: EN-8,BS 970
6. BEARING :- DEEP GROOVE BALL BEARING Ø20 (BRG. NO. 6204)
7. LUBRICATION:- GREASE (LIFE LUBRICATED)
8. ECCENTRICITY / OVALITY OF IDLER ROLLER SHOULD BE WITHIN 0.8 mm AT ANY POINT ALONG THE SHELL.

NOTE:-

1. ALL DIMENSIONS ARE IN MM (U.O.M.)
2. FOR IDLER ROLLER THE TOTAL INDICATOR READING SHALL BE MAINTAINED AS PER IS : 8598
3. PAINTING AS PER APPROVED Q.A.P.
4. IDLER ARE DROP IN SLOT TYPE
5. BEARING LIFE - MIN 40,000 HOURS
6. IDLER AS PER IS : 8598-1987

R. NO.	DESCRIPTION	DRN.	DATE	CKD.	APD.
1	DRAWING REVISED AS PER CLIENT COMMENTS & DATED 25.10.10	PANKAJ	20.08.19	S.C.	A. C.

ALL DIMENSIONS ARE IN MM UNLESS STATED OTHERWISE

REMOVE ALL SHARP CORNERS

MACHINING SYMBOLS

UN M/CED	ROUGH	FINE	GRIND
~	▽	▽▽	▽▽▽

THIS DRG. IS THE PROPERTY OF M/S MACMET ENGINEERING LTD AND MUST NOT BE COPIED TRACED OR USED WITHOUT THEIR WRITTEN PERMISSION

PERMISSIBLE DEVIATIONS FOR LINEAR DIMENSIONS UNLESS SPECIFIED OTHERWISE — Values in millimetres

TOLERANCE CLASS		0.5 UP TO 3	OVER 3 UP TO 6	OVER 6 UP TO 30	OVER 30 UP TO 120	OVER 120 UP TO 400	OVER 400 UP TO 1000	OVER 1000 UP TO 2000	OVER 2000 UP TO 4000
DESIGNATION	DESCRIPTION								
m	MEDIUM (FOR MECHANICAL ITEMS & TECHNOLOGICAL STRUCTURES)	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2

B		BRACKET	1+1	IS:2062
A		ROLLER ASSLY.	1	ASSLY.

CLIENT:- M/s HINDUSTAN URVARAK & RASAYAN LTD.(HURL)

CONSULTANT:- M/S PROJECTS & DEVELOPMENT INDIA LTD., NOIDA

PROJECT:- UREA HANDLING & BAGGING PACKAGE FOR AMMONIA UREA FERTILIZER PLANT AT GORAKHPUR

CONTRACTOR:- MACMET ENGINEERING LIMITED

	NAME	DATE
DGN		
DRN	M.A.	26.08.19
CHD	S. SINHA	
APPD	A. C.	

SCALE:- 1:3 TOTAL WT.

REF. DRG. NO.

TITLE:- ASSY. & DETAIL OF SINGLE ROLL CARRYING IDLER FOR BELT CONVEYOR (B/W=800)

DRG. NO:- JN2562-032M

SHEET 1 OF 1

SHEET SIZE A2

REVISION 0.1