

SECTION A-A

GENERAL SPECIFICATION AND AREA CLASSIFICATION:

- STANDARDS - IEC/EN 60079-0, IEC/EN 60079-7 & IEC/En 60079-31.
- MATERIAL COMPOSITION - AISI 12
- DEGREE OF PROTECTION IP66 AS PER IEC 60529 : 1989 +A1 : 2000
- GASKET MANUFACTURER - WACKER CHEMIE AG, MODEL: CENUSIL R 150 AND - CONTINOUS OPERATING TEMPERATURE AS - 70°C TO 200°C
- MAGNESIUM, TITANIUM AND ZIRCONIUM CONTENTS ARE < 2%.
- SERVICE TEMPERATURE RANGE : - 50 °C to +135 °C
- ALL DIMENSIONS ARE IN mm. UNLESS STATED OTHERWISE.
- SURFACE WILL PLAIN FINISH OR POWDER COATED.
- THE JUNCTION BOX WILL BE MARKED WITH

II 2 G Ex e IIC Gb

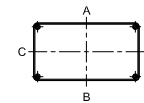
II 2 D Ex tb IIC Db IP 66

0539

DEMKO 13 ATEX 1327771U

IECEx UL 13.0042U
- TRADE MARK
- TIGHTENING TORQUE - (2-3) NM

NOT TO BE REVISED WITHOUT NOTIFICATION TO THE ExCB/NOTIFIED BODY



Opening Detail (Size)	NO OF HOLES SIDE A/B	Min. Distance between the opening for Side A/B (mm)	NO OF HOLES SIDE C/D	Min. Distance between the opening for Side C/D (mm)	Opening Detail (Size) PG	NO OF HOLES SIDE A/B	Min. Distance between the opening for Side A/B (mm)	NO OF HOLES SIDE C/D	Min. Distance between the opening for Side C/D (mm)	Min. Distance of last opening from the enclosure end on side A/B (mm)	Min. Distance of last opening from the enclosure end on side C/D (mm)
M12	10	14	4	12	Pg.7	10	14	4	12	15	26
M16	10	14	4	12	Pg.9	10	14	4	12	15	26
M20	9	9	3	10	Pg.11	10	8	4	8	15	24
M25	3	20	1	-	Pg.13.5	9	9	3	9	17	28
M32	3	18	1	-	Pg.16	7	10	2	10	14	30
M40	-	-	-	-	Pg.21	3	19	1	-	18	28
M50	-	-	-	-	Pg.29	2	38	1	-	23	29
M63	-	-	-	-	Pg.36	-	-	-	-	-	-
-	-	-	-	-	Pg.42	-	-	-	-	-	-
-	-	-	-	-	Pg.48	-	-	-	-	-	-

NO.	REV.NO.	DESCRIPTION	DATE	DRAWN	CHECKED
QUANTITY	MATERIAL :-	MACH.NAME	DATE	SIGN	NAME
	AISI12		17/02/14		RRPL DESIGN
	DIN230		17/02/14		ABHAY DRAWN
		TITLE :-	17/02/14		G.K. CHECKED
		JUNCTION BOX	17/02/14		J.B. APPROVED
		160 x 100 x 81			
TOLERANCE	WEIGHT:	FINISH:	SCALE	PARTNO.	
±0.1 DIMENSIONS	-	NATURAL			
±0.1 HOLES	ALL DIMENSION ARE IN MM				
±1.0° ANGLES	RJ-10				

SR.NO.	PART NAME	DRAWING NO.	MATERIAL	QTY
5	SILICON GASKATE	-	SILICON	1
4	JB-EARTHING M4 SCREW	-	AISI 304/AISI 316	4
3	JB-M4 SCREW	-	MS/304/316/COPPER	4
2	BASE JUNCTION BOX 160 X160X91	Ex-R-16010081-B	AISI 12	1
1	LID JUNCTION BOX 160 X160X91	Ex-R-16010081-L	AISI 12	1

B.O.M.

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Raychem RPG (P) Limited
Cesai Mahal Annex, Dr. Annie Besant Road, Worli, Mumbai 400030
Web: www.raychemrpg.com

SCALE PARTNO. DRG. NO.
Ex-AJB-16010081