

MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 – 6	6 – 30	30 – 120	120 – 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227										
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)							QUALITY OF WELD JOINTS REF, RD 230 MEDIUM			
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.							STATUS:			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										

TECHNICAL REQUIREMENTS:

1. MICRO CONTROLLER BASED ELECTRONIC SPEED INDICATING & RECORDING SYSTEM WORKING FROM 110V POWER SUPPLY, CONFORMING TO RDSO SPECN. MP-0-3700-07 (REV.6) OF OCT-2015 OR LATEST FOR 8W CMV DMRC
2. SPEED DEPENDENT CONTACTS : NC- (0-2), NO- (10,15, 30 & 70) KMPH SHALL BE PROVIDED.
3. OVER SPEED ALARM : TO BE SET TO 70 KMPH
4. MOUNTING TYPE : WALL MOUNTED TYPE
5. SCOPE OF SUPPLY OF ITEMS SHALL INCLUDE THE FOLLOWING:

SL. NO.	DESCRIPTION	QUANTITY / SET
1)	RECORDER CUM INDICATOR UNIT {SPEED SCALE RANGE:(0-120) KMPH}	1 No.
2)	INDICATOR UNIT {SPEED SCALE RANGE:(0-120) KMPH}	1 No.
3)	SPEED SENSOR UNIT	1 No.
4)	JUNCTION BOX	1 No.
5)	INTER CONNECTING CABLES CONSISTING OF THE FOLLOWING: a) SPEED SENSOR (U/F) TO JUNCTION BOX (U/F), L=2.2 MTRS b) SIGNAL CABLE - JUNCTION BOX TO RECORDER, L=7 MTRS c) INTERCONNECTING CABLE - ITEM 1 RECORDER UNIT TO ITEM 2 INDICATOR UNIT , L=40 MTRS d) SPEED DEPENDENT CONTACT CABLE - RECORDER UNIT TO RELAY PANEL, L=9 MTRS e) POWER CABLE - BATTERY TO RECORDER/INDICATOR L=7 MTRS	1 SET 1 SET 1 SET 1 SET 2 SET
6)	MOUNTING ACCESSORIES ALONG WITH FIXING HARDWARES SUITABLE FOR WALL MOUNTING	1 SET
7)	OPERATING & MAINTANANCE MANUAL	1 SET

NOTE:

- 1) ITEM SHALL BE PROCURED FROM RDSO APPROVED SOURCES ONLY.
- 2) FIRM SHALL SUBMIT TYPE TEST VALIDITY CERTIFICATE DURING TENDERING.
- 3) FIRM SHALL SUBMIT ROUTINE TEST CERTIFICATE DURING SUPPLIES.

UN CONTROLLED COPY

GRADE No.	VALUE	SYMBOL	SURFACE ROUGHNESS	ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	BEML LIMITED <small>NEW FRONTIERS- NEW DREAMS</small>	DRG No. 946-21216	ALT
N1	0.025											
N2	0.05											
N3	0.1											
N4	0.2											
N5	0.4											
N6	0.8											
N7	1.6											
N8	3.2											
N9	6.3											
N10	12.5											
N11	25											
N12	50											

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)
			PRODUCT	8W CMV(SG) WITH LP & CRANE - DMRC		
			REF DRG	943-211108		
			MATERIAL	NA		
			HEAT TREAT.	APPD	SYLAJA	5/09/2020
			SURFACE TREAT.	REVD	HARI KUMAR	5/09/2020
			TITLE	CHKD	JAYARAMU.S	4/09/2020
				DRWN	Jagadish M	4/09/2020
				SCALE		SHEET
				NTS		1 OF 1
						Wt.(Kg)
						0

SPEED INDICATOR SYSTEM