

**RED DOT SIGHT FOR 40MM MGL- ANNEXURE**

MAIN PARAMETERS	SPECIFICATION
OPTICAL MAGNIFICATION	1 x ± 0,05x
FIELD OF VIEW	12 DEG (MIN)
EYE RELIEF	UNLIMITED AS PER THE EYE POSTION AT GUN
DIOPTRIC POWER OF RED DOT	FIXED DIOPTRIC
RESOLVING POWER	2.2 MILLI RAD OR BETTER
DOT SIZE	LESS THAN 10 MOA
DOT BRIGHTNESS CONTROL	ROTARY SWITCH FOR CONTROLLING BRIGHTNESS OF RED DOT AT PER AMBIENT CONDITIONS
LIMIT OF MOVEMENT OF DOT	V ≥ 160 MM AT 5 METER H ≥ 160 MM AT 5 METER
WEIGHT	NOT MORE THAN 220 GRAMS (WITHOUT MOUNTING BRACKET)
LENGTH OF SIGHT	130 MM ± 5MM
WIDTH OF SIGHT	73MM ± 3MM
BATTERY	ONE 3 V LITHIUM BATTERY
BATTERY LIFE	1000 -10 000 HOURS
MOUNTING	FIXED DIOPTRIC RED DOT SIGHT SHOULD BE MOUNTED ON PICATINY RAIL AS PER OFT DRAWING NO: - 30P 4004 . ( ENCLOSED). THE RED DOT SHOULD BE SUPPLIED ALONG WITH NECESSARY MOUNTING /BRACKET TO MOUNT THE FIXED DIOPTRIC RED DOT ON THE PICATINY RAIL .
RAIN TEST AT STATIC PRESSURE	THE RED DOT SIGHT SHOULD BE CHECKED IN RAIN CHAMBER @ STATIC PRESSURE 200 KPA+15 % FOR ONE HOUR
HEAT TEST	THE RED DOT SIGHT SHOULD BE SERVICEABLE AT AN AMBIENT TEMP OF UP TO + 55 °C
COLD TEST	THE RED DOT SIGHT SHOULD BE SERVICEABLE AT AN AMBIENT TEMP OF UP TO - 30 °C
VIBRATION STRENGTH	THE RED DOT SIGHT SHOULD BE VIBRATION- PROOF IN THE RANGE OF FREQUNCIES FROM 5 Hz TO 350 Hz WITH AN ACCELERATION OF 2G OR + 6 MM CONSTANT DISPLACEMENT WHICH EVER IS LESS
DROP TEST	1 METER ON 15 CM ON SAND BED
BUMP TEST	50 BUMP WITH 1-3 BUMP/SECOND PULSE 6 MS ACCELARATION 40 G
MAKE / MODEL	FOCUS OPTECH/FO-M3C VORTEX / STRIKE FORCE-II (OR) REPUTED EQUIVALENT MAKE.

NOTE: IN ADDITION TO RED DOT OPTIONAL GREEN DOT IS ACCEPTABLE.

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