IF IN DOUBT ASK ..... ENGINEERING

R

DO NOT SCALE THE DRAWING

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED

REMOVE ALL BURRS AND SHARP EDGES

UNMENTIONED TOLERANCES

LINEAR DIMENSIONS (MACHINED)	ABOVE	0	6
		6	315
		315	1000
	UPTO	6	315
		315	1000
		1000	2000
	TOL.	±0.2	±0.5
		±0.5	±0.8
		±0.8	±1.2
ANGLES		± 1/2°	

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SURFACE ROUGHNESS (MAX) AS PER KSD-02-027

Ra um	50	12.5	25	1.6	3.2	6.3	0.2	0.4	0.6	0.8	0.025	0.05	0.1
OLD													
NEW													

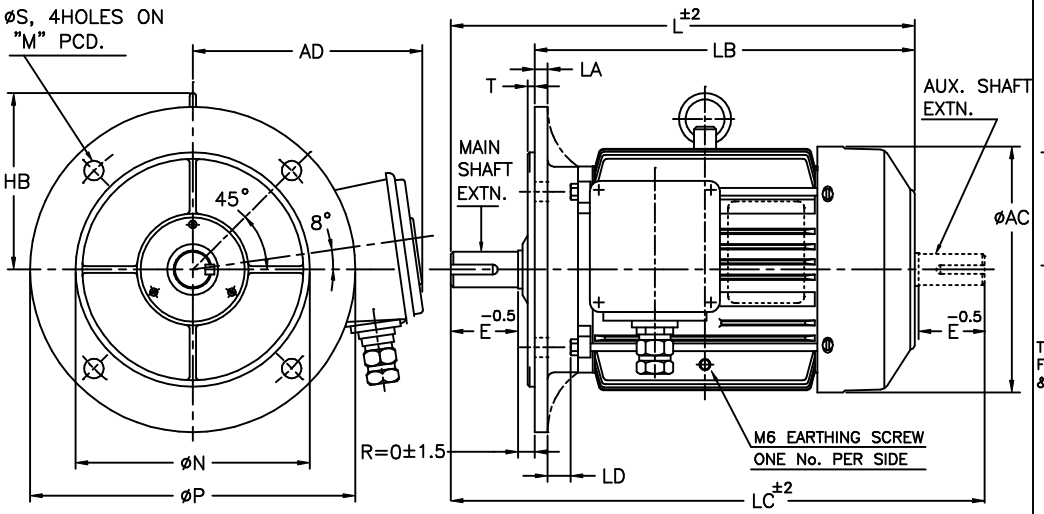
UNMENTIONED

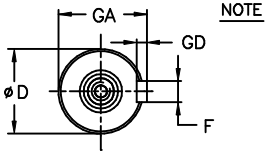
CHAM:

UC:

RAD:

DIMENSIONAL DRAWING



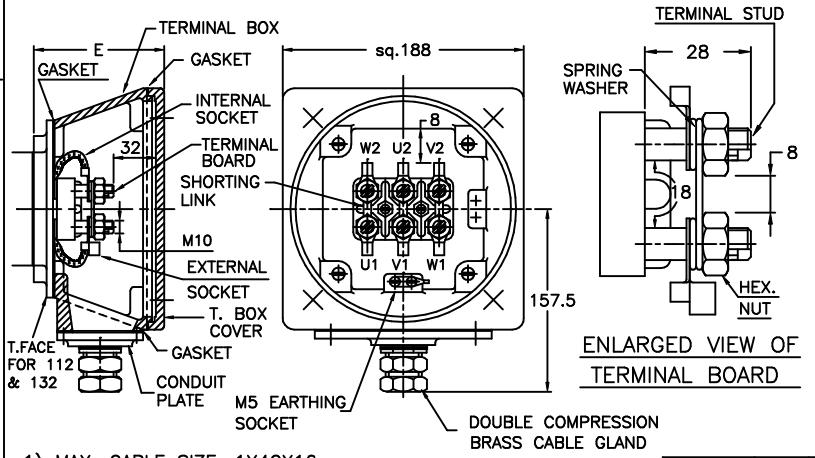


DETAILS OF MAIN & AUXILIARY SHAFT EXTENSION

NOTE :
1. DIMENSIONS ARE AS PER IS:1231 & 2223
2. DEGREE OF PROTECTION: IP:55.
3. TOLERANCE ON 'D': j6 FOR ø28 & k6 FOR ø38 TO 42.
   TOLERANCE ON 'N': j6.
4. PROTECTED CENTRE HOLE AT SHAFT EXTENSION AS PER IS:2540.
   "M10 X 24" FOR 'D'– ø28
   "M12 X 28" FOR 'D'– ø38
   "M16 X 32" FOR 'D'– ø42
5. TERMINAL BOX CAN BE ROTATABLE THROUGH 360° IN STEPS OF 90°.
6. KEY & KEYWAY ARE AS PER IS:2048 & TOLERENCE ON KEYWAY IS P9.

SL. NO.	FRAME	D	E	F	L	LC	M	N	P	S	T	AC	AD	GA	GD	LA	LB	LD	HB
1	eBPM/nBPM 112M	28	60	8	385	445	215	180	250	15	4	218	227	31	7	11	325	27.5	155
2	eBPM/nBPM 132S	38	80	10	442	526	265	230	300	15	4	260	245	41	8	12	362	24	176
3	eBPM/nBPM 132M				480	564											400		
4	eBPM/nBPM 160M	42	110	12	596	705	300	250	350	19	5	310	255	45	8	13	486	32	216
5	eBPM/nBPM 160L				640	749											530		

TERMINAL BOX ARRANGEMENT



ENLARGED VIEW OF TERMINAL BOARD

1) MAX. CABLE SIZE: 1X4CX16sq.mm
2) MINIMUM ELECTRICAL CLEARANCE & CREEPAGE DISTANCES ARE AS PER TABLE–1 OF IS:6381 FOR "e" TYPE & AS PER TABLE–1 OF IS:9628 FOR "n" TYPE

FRAME	E
112/132	100
160	85

ITEM/TAG No.				
RATING				
CABLE SIZE				
O/A NO.:		CUSTOMER :		
PROJECT :		CONSULTANT :	JOB No. :	

Z122109100JR

REV.	ZONE	DCN.No.	BRIEF RECORD	SIGNATURE	DATE	PRINTS ISSUED TO
1	–	0122209	REDRAWN IN A NEW FORMAT.	sd/–	22.01.09	QA PRODUCTION MMD

THIS SUPERSEDES ..... FROM dt ..... AS PER DCN No.....

THIS SUPERSEDED BY ..... FROM dt. ..... AS PER DCN No.....

MATERIAL SPECIFICATION	RAW MATERIAL SIZE	WEIGHT kg RM	WEIGHT kg FIN.	SCALE
—	—	—	—	NTS

CASTING/FAB REF. —

No.P.S.:—

USED ON: eBPM/nBPM 112 to 160

REDRAWN	CHECKED	STANDARD	APPROVED
sd/–	sd/–	sd/–	sd/–
dt22/01/09	dt22/01/09	dt22/01/09	dt22/01/09

TITLE: DIMENSION SHEET

32210998R1

SHEET ..... ONE ..... OF ..... ONE .....

KIRLOSKAR ELECTRIC COMPANY LTD. HUBLI–580030 (INDIA)

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