IF IN DOUBT ASK ..... ENGINEERING | 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	315	1000	2000
	UPTO	6	315	1000	2000	
	TOL.	±0.2	±0.5	±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													

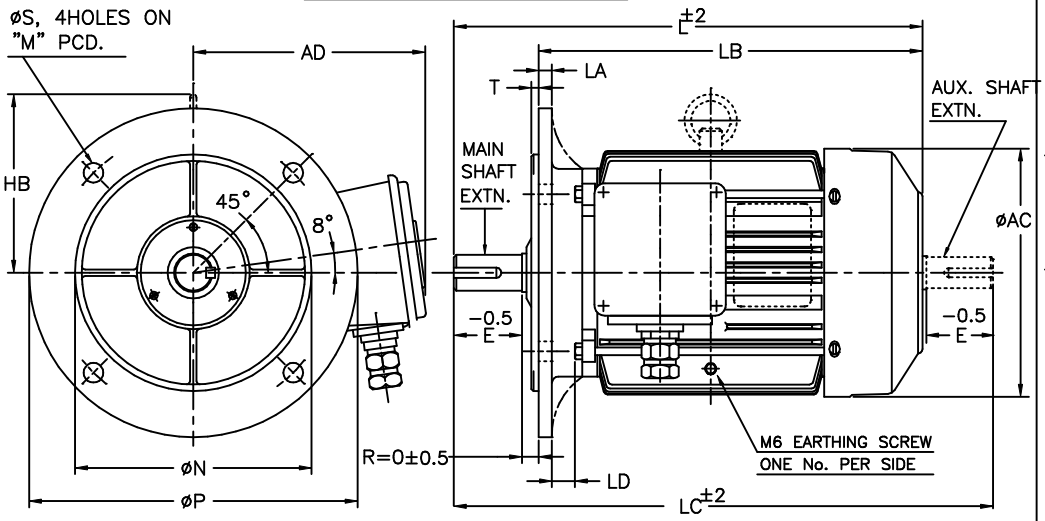
UNMENTIONED

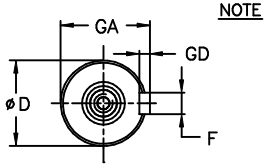
CHAM:

UC:

RAD:

DIMENSIONAL DRAWING



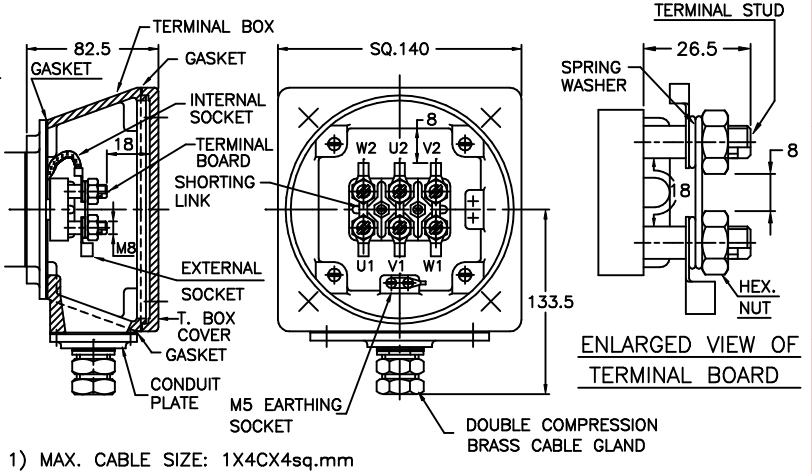


DETAILS OF MAIN & AUXILIARY SHAFT EXTENSION

NOTE :
1. DIMENSIONS ARE AS PER IS:1231 & 2223
2. DEGREE OF PROTECTION: IP:55.
3. TOLERANCE ON 'D' : j6. TOLERANCE ON 'N' : j6.
4. PROTECTED CENTRE HOLE AT SHAFT EXTENSION AS PER IS:2540.
   "M6 X 16" FOR 'D'– ø19
   "M8 X 20" FOR 'D'– ø24
   "M10 X 24" FOR 'D'– ø28
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.
7. FRAME 80 & 90 ARE WITHOUT LIFTING HOOK

SL. NO.	FRAME	D	E	F	L	LC	M	N	P	S	T	AC	AD	GA	GD	LA	LB	LD	HB
1	eBPM/nBPM80	19	40	6	270	310	165	130	200	12	3.5	156	175	21.5	6	10	230	20	–
2	eBPM/nBPM90S	24	50	8	293	343	165	130	200	12	3.5	178	185	27	7	10	243	24.5	–
3	eBPM/nBPM90L				318	368											268		
4	eBPM/nBPM100L	28	60	8	360	422	215	180	250	15	4	193	196	31	7	11	300	24	142

TERMINAL BOX ARRANGEMENT



ENLARGED VIEW OF TERMINAL BOARD

1) MAX. CABLE SIZE: 1X4CX4sq.mm
2) MINIMUM ELECTRICAL CLEARANCE & CREEPAGE DISTANCES ARE AS ARE AS PER TABLE–1 OF IS:6381 FOR "e" TYPE & AS PER TABLE–1 OF IS:9628 FOR "n" TYPE

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

Z122107000JR

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 80 & 100

	RE DRAWN	CHECKED	STANDARD	APPROVED
	Sd/–	Sd/–	Sd/–	Sd/–
dt	22/01/09	22/01/09	22/01/09	22/01/09

TITLE: DIMENSION SHEET

32210798R1

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

KIRLOSKAR ELECTRIC COMPANY LTD. HUBLI–580030 (INDIA)

FORM No. 02 201 028 (ISSUE 7)