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	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													

Ra ▽

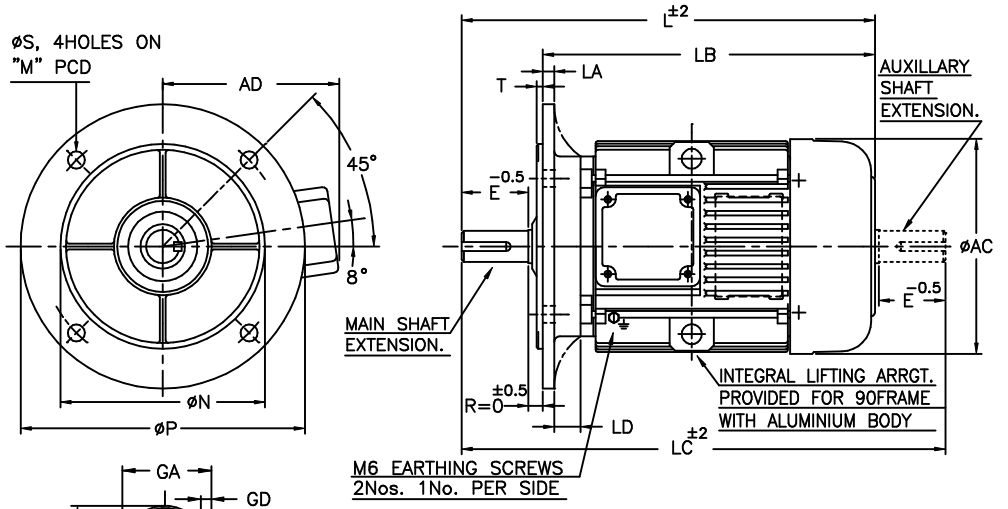
UNMENTIONED

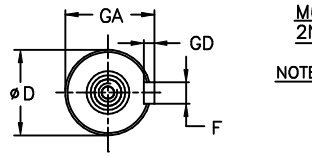
CHAM:

UC:

RAD:

DIMENSIONAL DRAWING

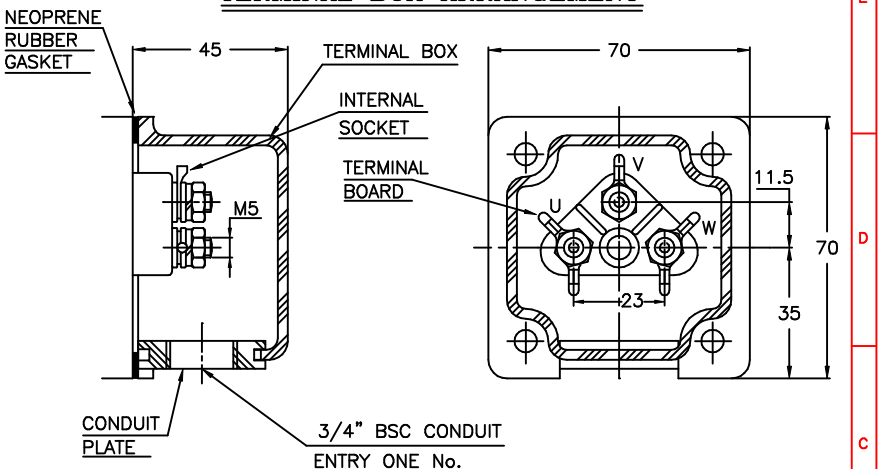




DETAILS OF MAIN & AUXILIARY SHAFT EXTENSION

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
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.

TERMINAL BOX ARRANGEMENT



NOTE: MAX. CABLE SIZE : MAIN–1x3Cx6 sqmm.

SL. NO.	FRAME	D	E	F	L	LC	M	N	P	S	T	AC	AD	GA	GD	LA	LB	LD
1	BPM80	19	40	6	270	310	165	130	200	12	3.5	156	130	21.5	6	10	230	20
2	BPM 90S	24	50	8	293	343	165	130	200	12	3.5	178	140	27	7	10	243	24.5
3	BPM 90L				318	368											268	

Z122605100JR

REV.	ZONE	DCN.No.	BRIEF RECORD	SIGNATURE	DATE	PRINTS ISSUED TO
1	–	0122209	REDRAWN IN A NEW FORMAT.	Sd/–	10/01/09	QA
						MARKETING
						PRODUCTION

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THIS SUPERSEDED BY .....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.
—	—	—	—

CASTING/FAB REF. —

No.P.S.:—

SCALE NTS

USED ON

BPM80 & 90

RE DRAWN	CHECKED	STANDARD	APPROVED
sd/–	sd/–	sd/–	sd/–
dt 10/01/09	dt 10/01/09	dt 10/01/09	dt 10/01/09

TITLE:

DRAWING SHEET

32260598R1

SHEET ONE OF ONE

KIRLOSKAR ELECTRIC COMPANY LTD. HUBLI–580030 (INDIA)

FORM No. 02 201 028 (ISSUE 7)