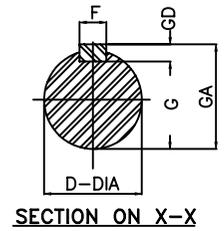
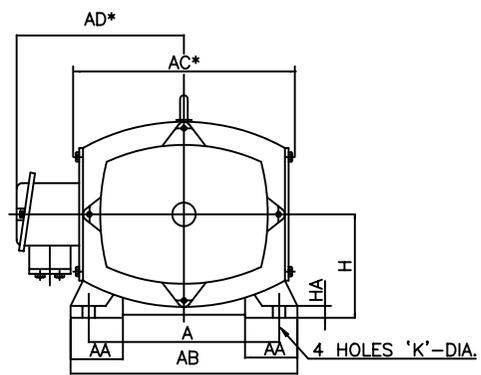
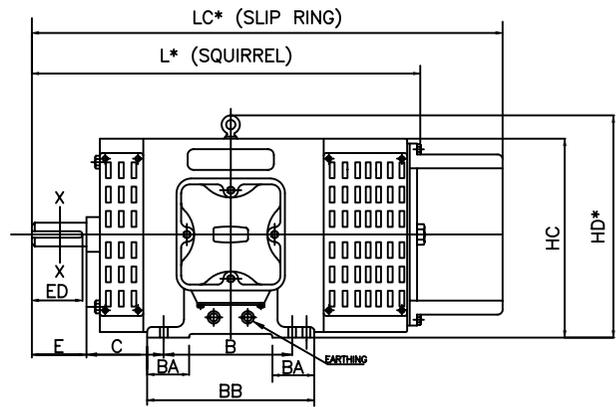


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1	C/CW160M	2-8	160	+0 -0.5	48	+0.018 +0.002	110	51.5	14	+0.0 -0.043	9	+0.0 -0.090	42.5	+0.0 -0.2	254	210	108	15	308	59	254	53	316	275	17	317	370	580	738	105
2	C/CW160L	2-8	160	+0 -0.5	48	+0.018 +0.002	110	51.5	14	+0.0 -0.043	9	+0.0 -0.090	42.5	+0.0 -0.2	254	254	108	15	308	59	298	53	316	275	17	317	370	624	782	105
3	C/CW180M	2-8	180	+0 -0.5	55	+0.030 +0.011	110	59	16	+0.0 -0.043	10	+0.0 -0.090	49	+0.0 -0.2	279	241	121	15	347	68	295	73	362	305	18	359	412	662	825	105
4	C/CW180L	2-8	180	+0 -0.5	55	+0.030 +0.011	110	59	16	+0.0 -0.043	10	+0.0 -0.090	49	+0.0 -0.2	279	279	121	15	347	68	333	73	362	305	18	359	412	700	860	105
5	C/CW200M	2-8	200	+0 -0.5	60	+0.030 +0.011	140	64	18	+0.0 -0.043	11	+0.0 -0.110	53	+0.0 -0.2	318	267	133	19	400	80	320	80	422	370	25	412	497	790	966	135
6	C/CW200L	2-8	200	+0 -0.5	60	+0.030 +0.011	140	64	18	+0.0 -0.043	11	+0.0 -0.110	53	+0.0 -0.2	318	305	133	19	400	80	358	89	422	370	25	421	497	790	966	135
7	C/CW225M	2	225	+0 -0.5	60	+0.030 +0.011	140	64	18	+0.0 -0.043	11	+0.0 -0.110	53	+0.0 -0.2	356	311	149	19	432	94	360	90	418	375	25	430	515	865	1060	135
8	C/CW225M	4-8	225	+0 -0.5	65	+0.030 +0.011	140	69	18	+0.0 -0.043	11	+0.0 -0.110	58	+0.0 -0.2	356	311	149	19	432	94	360	90	418	375	25	430	515	865	1060	135
9	C/CW250S	2	250	+0 -0.5	65	+0.030 +0.011	140	69	18	+0.0 -0.043	11	+0.0 -0.110	58	+0.0 -0.2	406	311	168	24	508	102	375	100	500	415	32	510	591	945	1185	135
10	C/CW250S	4-8	250	+0 -0.5	75	+0.030 +0.011	140	79.5	20	+0.0 -0.043	12	+0.0 -0.110	67.5	+0.0 -0.2	406	311	168	24	508	102	375	100	500	415	32	510	591	945	1185	135
PART.NO	FRAME SIZE.	NO OF POLES	H (CEN HIGHT)		D-DIA		E SHAFT EXTN.	GA	F		GD		G		FIXING DIMENSIONS				AB	AA	BB	BA	AC	AD	HA	HC	HD	L	LC	ED
			NOM	TOL	NOM	TOL			NOM	TOL	NOM	TOL	NOM	TOL	A	B	C	K												

REVISION	DATE	DETAILS OF REVISION	DONE BY	APPRVD.
09	12.12.07	BA1 DIML. CORRECTED, COMPANY NAME & LOGO CHANGED		
08	27.04.07	'L' & 'LC' Dimm. Changed for Pt. No. 21 & 22 & BA1 Value Added		
07	08.06.05	'B' DIMENSION FOR PART 6 CHANGED FROM 397 TO 305 & 'B' DELETED		
06	20.04.05	1) TOL FOR 'D' FOR PT.3 2) 'GD' FOR PT.4, CHANGED, 3) 'AD' FOR PT.1, 2, 5 6, 9, 10, 11, 12, 13, 14, 15 & 16, AND 4) 'L' FOR PT.9, 10, 13, 14, 17, & 18 5) 'LC' FOR PT.3, 9, 10, 13, 14, 17, 18 CHANGED		
05	04.06.04	'C' DIM. INDICATION CHANGED FROM FEET HOLE CENTRE TO SHAFT COLLER INSTEAD OF FEET FACE TO SHAFT COLLER		
04	26.02.04	FOR PART 1 & 2, 'GD' DIMENSION CHANGED FROM 99 TO 9		
03	21.03.03	'AD' DIMENSION CHANGED FOR PART 3,4 & 7,8 305 WAS 262 & 375 WAS 316		
02	25.10.2000	ALSTOM NAME & LOGO INCORPORATED & PART NO. 19 & 20 ADDED		
01	02.12.98	PART NO.18 'B'-DIMENSION MODIFIED C12DD0924 ; C12DC0168	B.B	A.N

NOTE:
 1.0 ALL DIMENSIONS ARE IN mm EXCEPT OTHER WISE SPECIFIED.
 2.0 FOR TOLERANCES OF DEMENSIONS (NOT MENTIONED) REFER TO IS:2102., IS:2048
 3.0 DIMENSIONS MARKED * ARE MAXIMUM VALUES.

marathon electric
A Regal Beloit Company

Marathon Electric Motors (India) Limited
 Paharpur Works, 58 Taratala Road.
 Kolkata - 700024, INDIA

OUTLINE DIMENSIONAL DRAWING FOR
160M TO 315M PTSC/SR(I) MOTOR

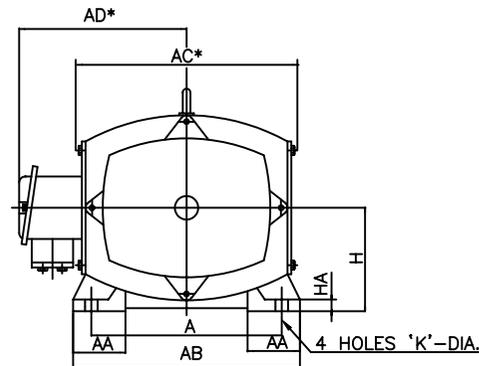
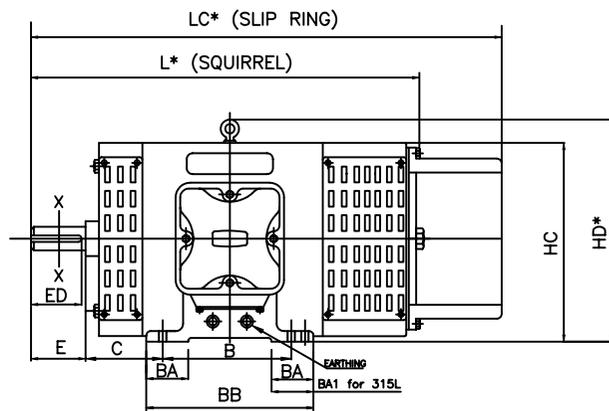
DRAWN	T.CHAKRABORTY	21.3.96	DRAWING NO.	REV.
CHECKED	S.BHOWMICK		CM1388	SHEET 1 OF 2
APPRVD.	R.RANJAN			
SCALE:	SIGN.	DATE		09

09

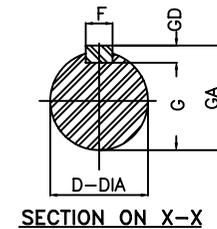
CM1388

REV.

DRAWING NO.



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SHEET 2 OF 2

11	C/CW250M	2	250	+0 -0.5	65	+0.030 +0.011	140	69	18	+0.0 -0.052	11	+0.0 -0.110	58	+0.0 -0.2	406	349	168	24	508	102	414	100	500	415	32	510	591	945	1185	135	
12	C/CW250M	4-8	250	+0 -0.5	75	+0.030 +0.011	140	79.5	20	+0.0 -0.052	12	+0.0 -0.110	67.5	+0.0 -0.2	406	349	168	24	508	102	414	100	500	415	32	510	591	945	1185	135	
13	C/CW280S	2	280	-1 +0	65	+0.030 +0.011	140	69	18	+0.0 -0.043	11	+0.0 -0.110	58	+0.0 -0.2	457	368	190	24	561	104	433	100	554	440	35	553	643	1035	1330	135	
14	C/CW280S	4-8	280	-1 +0	80	+0.030 +0.011	170	85	22	+0.0 -0.052	14	+0.0 -0.110	71	+0.0 -0.2	457	368	190	24	561	104	433	100	554	440	35	553	643	1065	1360	165	
15	C/CW280M	2	280	-1 +0	65	+0.030 +0.011	140	69	18	+0.0 -0.043	11	+0.0 -0.110	58	+0.0 -0.2	457	419	190	24	561	104	484	100	554	440	35	553	643	1033	1330	135	
16	C/CW280M	4-8	280	-1 +0	80	+0.030 +0.011	170	85	22	+0.0 -0.052	14	+0.0 -0.110	71	+0.0 -0.2	457	419	190	24	561	104	484	100	554	440	35	553	643	1063	1360	165	
17	C/CW315S	2	315	-1 +0	70	+0.030 +0.011	140	74.5	20	+0.0 -0.052	12	+0.0 -0.110	62.5	+0.0 -0.2	508	406	216	28	618	110	470	105	732	605	38	625	715	1155	1445	135	
18	C/CW315S	4-8	315	-1 +0	90	+0.030 +0.011	170	95	25	+0.0 -0.052	14	+0.0 -0.110	81	+0.0 -0.2	508	406	216	28	618	110	470	105	732	605	38	625	715	1185	1475	165	
19	C/CW315M	2	315	-1 +0	70	+0.030 +0.011	140	74.5	20	+0.0 -0.052	12	+0.0 -0.110	62.5	+0.0 -0.2	508	457	216	28	618	110	521	105	732	605	38	625	715	1153	1442	135	
20	C/CW315M	4-8	315	-1 +0	90	+0.030 +0.011	170	95	25	+0.0 -0.052	14	+0.0 -0.110	81	+0.0 -0.2	508	457	216	28	618	110	521	105	732	605	38	625	715	1183	1472	165	
21	C/CW315L	2	315	-1 +0	70	+0.030 +0.011	140	74.5	20	+0.0 -0.052	12	+0.0 -0.110	62.5	+0.0 -0.2	508	508	216	28	618	110	572	105	732	605	38	625	715	1238	1527	135	174
22	C/CW315L	4-8	315	-1 +0	90	+0.030 +0.011	170	95	25	+0.0 -0.052	14	+0.0 -0.110	81	+0.0 -0.2	508	508	216	28	618	110	572	105	732	605	38	625	715	1268	1557	165	174
PART.NO	FRAME SIZE.	NO OF POLES	H (CEN HIGHT)		D-DIA		E SHAFT EXTN.	GA	F		GD		G		FIXING DIMENSIONS				AB	AA	BB	BA	AC	AD	HA	HC	HD	L	LC	ED	BA1
			NOM	TOL	NOM	TOL			NOM	TOL	NOM	TOL	NOM	TOL	A	B	C	K													

09	12.12.07	BA1 DIMN. CORRECTED, COMPANY NAME & LOGO CHANGED		
08	27.04.07	'L' & 'LC' Dimn. Changed for Pt. No. 21 & 22		
07	08.06.05	'B' DIMENSION FOR PART 6 CHANGED FROM 397 TO 305 & 'B' DELETED 1) TOL FOR 'D' FOR PT.3 2) 'GD' FOR PT.4, CHANGED, 3) 'AD' FOR PT.1, 2, 5 6, 9, 10, 11, 12, 13, 14, 15 & 16, AND 4) 'L' FOR PT.9, 10, 13, 14, 17, & 18 5) 'LC' FOR PT.3, 9, 10, 13, 14, 17, 18 CHANGED		
06	20.04.05	'C' DIM. INDICATION CHANGED FROM FEET HOLE CENTRE TO SHAFT COLLER INSTEAD OF FEET FACE TO SHAFT COLLER		
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04	26.02.04	'AD' DIMENSION CHANGED FOR PART 3,4 & 7,8 305 WAS 282 & 375 WAS 316		
03	21.03.03	ALSTOM NAME & LOGO INCORPORATED & PART NO. 19 & 20 ADDED		
02	25.10.2000			
REVISION	DATE	DETAILS OF REVISION	DONE BY	APPRVD.

NOTE:

- 1.0 ALL DIMENSIONS ARE IN mm EXCEPT OTHER WISE SPECIFIED.
- 2.0 FOR TOLERANCES OF DEMENSIONS (NOT MENTIONED) REFER TO IS:2102., IS:2048
- 3.0 DIMENSIONS MARKED * ARE MAXIMUM VALUES.



Marathon Electric Motors (India) Limited
Paharpur Works, 58 Taratala Road.
Kolkata - 700024, INDIA

TITLE			
OUTLINE DIMENSIONAL DRAWING FOR 160M TO 315M PTSC/SR(I) MOTOR			
DRAWN	T.CHAKRABORTY	24.3.96	DRAWING NO.
CHECKED	S.BHOWMICK		REV.
APPRVD.	R.RANJAN		CM1388
SCALE:	SIGN.	DATE	SHEET 2 OF 2

09