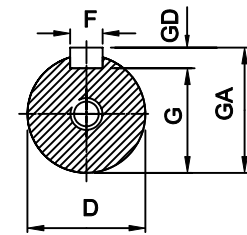
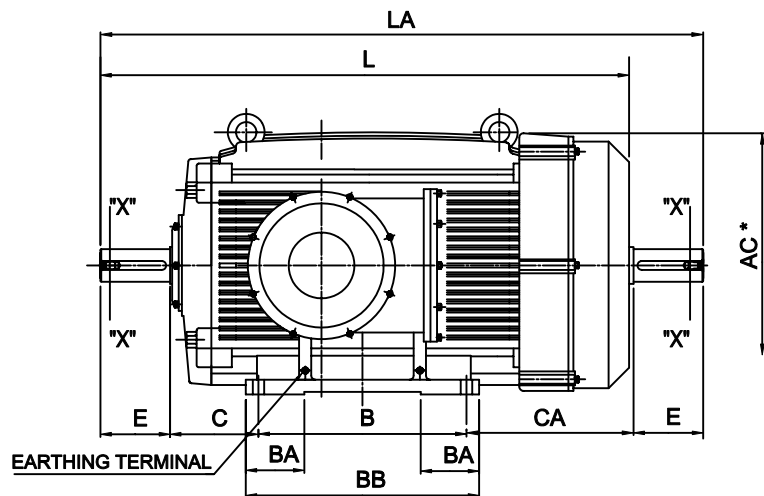
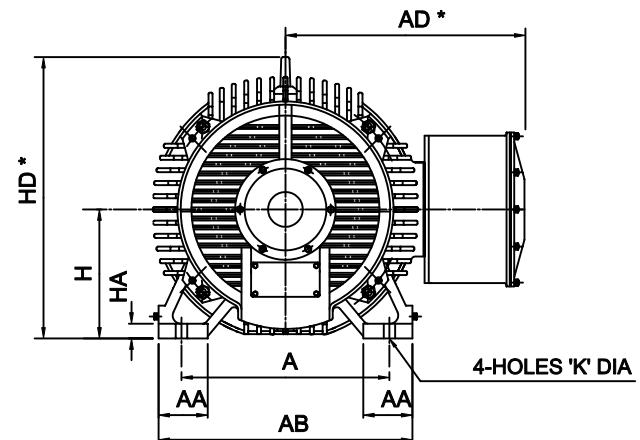


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SECTION - "XX"



7	12-D315L	4-8	315	⁺⁰ ₋₁	80	^{+0.030} _{+0.011}	170	85	22	⁺⁰ _{-0.052}	14	⁺⁰ _{-0.110}	71	⁺⁰ _{-0.2}	508	508	216	28	620	120	570	143	50	742	664	630	1310	411	1475	T 20
6	12-D315L	2	315	⁺⁰ ₋₁	65	^{+0.030} _{+0.011}	140	69	18	⁺⁰ _{-0.043}	11	⁺⁰ _{-0.110}	58	⁺⁰ _{-0.2}	508	508	216	28	620	120	570	143	50	742	664	630	1280	411	1415	T 20
5	12-D315M2	4-8	315	⁺⁰ ₋₁	80	^{+0.030} _{+0.011}	170	85	22	⁺⁰ _{-0.052}	14	⁺⁰ _{-0.110}	71	⁺⁰ _{-0.2}	508	457	216	28	620	120	570	143	50	742	664	630	1310	462	1475	T 20
4	12-D315M2	2	315	⁺⁰ ₋₁	65	^{+0.030} _{+0.011}	140	69	18	⁺⁰ _{-0.043}	11	⁺⁰ _{-0.110}	58	⁺⁰ _{-0.2}	508	457	216	28	620	120	570	143	50	742	664	630	1280	462	1415	T 20
3	12-D315M1	4-8	315	⁺⁰ ₋₁	80	^{+0.030} _{+0.011}	170	85	22	⁺⁰ _{-0.052}	14	⁺⁰ _{-0.110}	71	⁺⁰ _{-0.2}	508	457	216	28	620	120	520	143	50	710	598	605	1220	428	1390	T 20
2	12-D315S	4-8	315	⁺⁰ ₋₁	80	^{+0.030} _{+0.011}	170	85	22	⁺⁰ _{-0.052}	14	⁺⁰ _{-0.110}	71	⁺⁰ _{-0.2}	508	406	216	28	620	120	520	143	50	710	598	605	1220	428	1390	T 20
1	12-D315S	2	315	⁺⁰ ₋₁	65	^{+0.030} _{+0.011}	140	69	18	⁺⁰ _{-0.043}	11	⁺⁰ _{-0.110}	58	⁺⁰ _{-0.2}	508	406	216	28	620	120	520	143	50	710	598	605	1190	428	1330	T 20
PART NO.	FRAME SIZE	NO.OF POLE	NOM	TOL	NOM	TOL	E SHAFT EXTN.	GA	NOM	TOL	NOM	TOL	NOM	TOL	A	B	C	K	AB	AA	BB	BA	HA	HD	AC	AD	L	CA	LA	TAPPED CENTRE HOLE AT SHAFT ENDS (AS PER IS:2540)
			H CENTRE HEIGHT		D SHAFT DIA				F		GD		G		FIXING DIMENSIONS															

MAX. CABLE SIZE- 1X3CX300mm² / 2X3CX185mm²

04	14.12.07	COMPANY NAME AND LOGO CHANGED		
03	18.01.07	12-D315M1 ADDED IN PLACE OF PT3. ORIGINAL BE COMES PT. 4, 5, 6, 7 RESPECTIVELY & CABLE SIZE ADDED.		
02	07.08.03	PT. 1 & 2 "HD" DIMENSIONS CHANGED 710 WAS 660		
01	24.03.03	PT. 1 & 2 "AD" DIMENSIONS CHANGED 605 WAS 595		
REVISION	DATE	DETAIL OF REVISION	DONE BY	APPRVD

NOTE:
1.0 ALL DIMENSIONS ARE IN mm EXCEPT OTHERWISE SPECIFIED.
2.0 FOR GENERAL TOLERANCES OF DIMENSIONS REFER TO IS:2102.
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 D315S TO D315M & L TEFC-SC
DOUBLE CYLINDRICAL MOTOR (CHALLENGER SERIES) AS PER IS:1231

DRAWN
CHECKED
APPRVD

B.BISWAS
S.BHOWMICK
R.RANJAN

11.6.99

SCALE IF ANY

DRAWING NO.

REV.

CM2098

04

SIGN

DATE

N.T.S