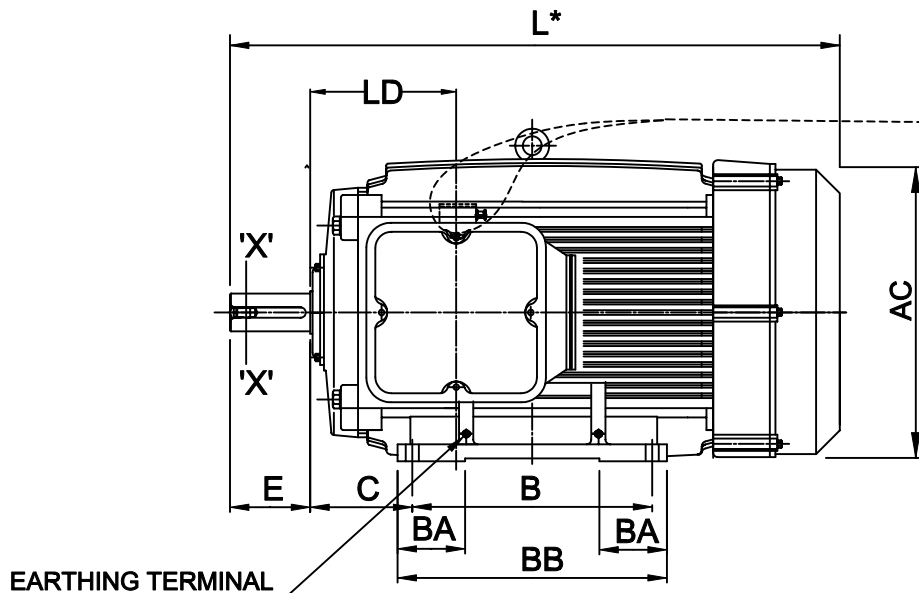
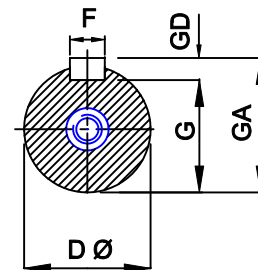
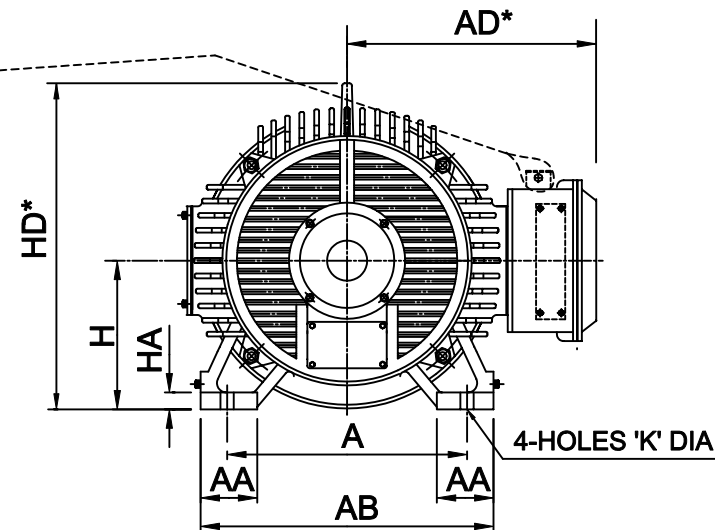




AUX. TERMINAL BOX
FOR SPACE HEATER
WITH D/COMPRESSION
CABLE GLAND SIZE-1X2CX2.5mm²
IS OPTIONAL-WILL BE PROVIDED
WHEN SPACE HEATER IS CALLED FOR



SECTION-"XX"



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consent of Marathon Electric Motors (India) Limited.

4	12-D280M	4-8	280	+0 -1	75	+0.030 +0.011	140	79.5	20	+0 -0.052	12	+0 -0.110	67.5	+0 -0.2	457	419	190	24	560	112	490	120	42	620	544	460	295	1110	T 20
3	12-D280M	2	280	+0 -1	65	+0.030 +0.011	140	69	18	+0 -0.043	11	+0 -0.110	58	+0 -0.2	457	419	190	24	560	112	490	120	42	620	544	460	295	1110	T 20
2	12-D280S	4-8	280	+0 -1	75	+0.030 +0.011	140	79.5	20	+0 -0.052	12	+0 -0.110	67.5	+0 -0.2	457	368	190	24	560	112	490	120	42	620	544	460	295	1110	T 20
1	12-D280S	2	280	+0 -1	65	+0.030 +0.011	140	69	18	+0 -0.043	11	+0 -0.110	58	+0 -0.2	457	368	190	24	560	112	490	120	42	620	544	460	295	1110	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	LD	L	TAPPED CENTER HOLE AT SHAFT END (AS PER IS: 2540)
			H CENTRE HEIGHT		D SHAFT DIA				F		GD		G		FIXING DIMENSIONS														

MAX. CABLE SIZE : - 1x3Cx185mm² / 2X3CX95mm²



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

05	08.09.08	AUX. T/BOX. FOR SP.HEATER ADDED.		
04	14.12.07	COMPANY NAME AND LOGO CHANGED		
03	07.03.07	T/BOX OPENING CHANGED		
02	22.04.02	'AD' DIMS. CHANGED TO 460 FROM 450		
01	23.09.99	THREADED CENTRE HOLE ADDED.		
REVISION	DATE	DETAIL OF REVISION	DONE BY	APPRVD

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

TITLE		OUTLINE DIMENSIONAL DRAWING FOR 12-D280S TO 12-D280M CHALLENGER MOTOR (AS PER IS:1231)				DRAWING NO.	REV.
DRAWN	S.B		11.04.99				
CHECKED	S.BHOWMICK					SCALE IF ANY	CM1363 05
APPRVD.	R.RANJAN						
		SIGN	DATE	N.T.S			