

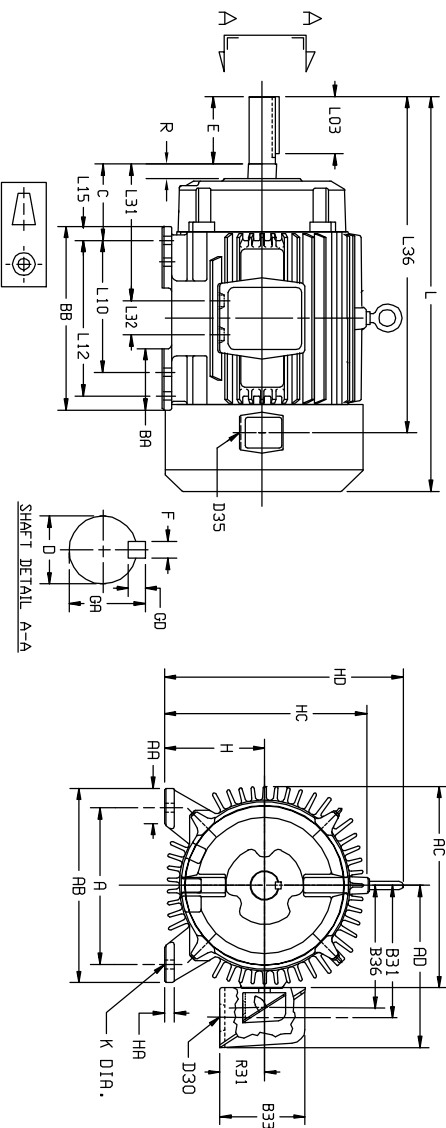
DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION
CAST IRON CONSTRUCTION

ENCLOSURE: IP54

MOUNTING: FOOT, 1M B3, 1M V5, 1M V6
FRAMES 160 THRU 280

COOLING: IC41



DIMENSION ARE IN INCHES; SEE SHEET 1 FOR DIMENSIONS IN MILLIMETERS

FRAME	A	AA	AB	AC	AD	BA	B31	B33	C	HC(2)	HA	HC	HD	K	R31	D30	L31	L32	D35	L36	B36
160	10.00	2.52	12.52	13.27	11.73	12.01	9.29	6.00	4.25	6.30	.79	13.27	15.71	.57	2.99	(2) M40X1.5	7.99	2.96	M20X1.5	13.87	9.31
180	10.98	2.52	13.74	14.88	14.33	12.99	10.63	7.91	4.76	7.09	.83	14.76	17.17	.57	3.62	(2) M40X1.5	9.02	2.96	M20X1.5	17.15	10.50
200	12.52	2.76	15.51	17.01	16.77	14.49	12.64	9.53	5.24	7.87	.75	16.69	19.13	.73	4.13	(2) M50X1.5	9.72	3.34	M20X1.5	19.47	10.50
225	14.02	2.76	17.01	19.49	18.03	3.90	13.50	9.53	5.87	8.86	.75	18.50	21.46	.73	4.13	(2) M50X1.5	11.10	3.54	M20X1.5	21.23	11.62
250	15.98	3.27	19.02	22.52	19.21	4.61	15.16	9.53	6.61	9.84	.98	21.30	24.25	.94	4.13	(2) M63X1.5	12.48	4.14	M20X1.5	24.22	14.44
280	17.99	3.27	20.98	25.24	23.43	5.24	18.19	12.76	7.48	11.02	1.14	23.39	26.65	.94	7.01	(2) M63X1.5	14.37	4.14	M20X1.5	27.61	15.25

FRAME	SIZE	NUMBER	DF	POLES	BB	D(3)	E	F	R	GA	GD	L	L03	L10	L12	L15	WEIGHT LBS. (G)
160M	2	AND MORE	12.01	16.539	4.33	4.724	.13	1.77	.31	24.92	3.15	8.27	---	---	---	1.00	3.33
160L	2	AND MORE	12.01	16.539	4.33	4.724	.13	1.77	.31	24.92	3.15	---	---	---	---	---	3.44
180M	2	AND MORE	12.99	18.902	4.33	5.512	.34	2.03	.35	27.17	3.15	9.49	---	---	---	1.00	4.74
180L	2	AND MORE	12.99	18.902	4.33	5.512	.34	2.03	.35	27.17	3.15	---	---	---	---	1.00	4.89
200L	2	AND MORE	14.76	21.662	4.33	6.299	.31	2.32	.39	29.53	3.15	10.51	---	---	---	1.38	5.89
200L	2	AND MORE	14.76	21.662	4.33	6.299	.31	2.32	.39	29.53	3.15	---	---	---	---	1.38	6.28
225S	2	AND MORE	15.00	21.662	4.33	6.299	.31	2.32	.39	31.89	3.15	11.26	---	---	---	1.38	8.64
225S	4	AND MORE	15.00	21.662	4.33	6.299	.31	2.32	.43	33.07	3.94	11.26	---	---	---	1.38	8.64
225M	2	AND MORE	15.00	21.662	4.33	6.299	.31	2.32	.39	31.89	3.15	---	---	---	---	---	8.88
225M	4	AND MORE	15.00	21.662	4.33	6.299	.31	2.32	.43	33.07	3.94	---	---	---	---	---	8.88
250S	2	AND MORE	15.98	23.630	5.51	7.087	.25	2.52	.43	36.61	3.94	12.24	---	---	---	1.13	12.19
250S	4	AND MORE	15.98	23.630	5.51	7.087	.25	2.52	.43	36.61	3.94	12.24	---	---	---	1.13	12.19
250M	2	AND MORE	15.98	23.630	5.51	7.087	.25	2.52	.43	36.61	3.94	---	---	---	---	---	13.74
250M	4	AND MORE	15.98	23.630	5.51	7.087	.25	2.52	.43	36.61	3.94	---	---	---	---	---	13.74
280S	2	AND MORE	19.02	25.599	5.51	7.087	.27	2.72	.43	41.73	3.94	14.49	---	---	---	1.25	16.69
280S	4	AND MORE	19.02	25.599	5.51	7.087	.27	2.72	.43	41.73	3.94	14.49	---	---	---	1.25	16.69
280M	2	AND MORE	19.02	25.599	5.51	7.087	.27	2.72	.43	41.73	3.94	---	---	---	---	1.25	18.58
280M	4	AND MORE	19.02	25.599	5.51	7.087	.27	2.72	.43	41.73	3.94	---	---	---	---	1.25	18.58

(1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.
(2) "H" VARIES $\begin{cases} 160M - 250M +.00, -.02 \\ 280S - 280M +.00, -.04 \end{cases}$

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN REQUESTED. IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

(3) TOLERANCE OF ".01" $\begin{cases} TD 1.9685 DIA. \pm .0003 \\ 1.9685 \text{ AND LARGER } \pm .0004 \end{cases}$ MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STD. SHAFT EXTENSION IS .002 T.I.R. UP TO AND INCLUDING 1.969 DIA. AND .003 T.I.R. OVER 1.969 DIA. TO 5 INCH DIA.

(4) ALL FRAMES HAVE EIGHT MOUNTING HOLES FOR DUAL MOUNTING.

(5) MOTOR WEIGHTS MAY VARY BY 15% DEPENDING UPON RATING.

(6) "GA" VARIES +.00, -.02

(7) AUXILIARY CONDUIT BOX SUPPLIED ONLY WHEN SPECIFIED.

FRAME- _____ TYPE- _____ CERTIFIED FOR- _____
ORDER- _____ ITEM- _____ HP- _____ RPM- _____ PH- _____ HZ _____ VOLTS _____
SALES ORDER- _____ APPROVED BY- _____ DATE _____

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: ADD AUX CBOX	VERSION: 03	TDR: 000000779678
REV. LTR: C	REVISED: 09:53:42 01/25/2013	BY: RAGEC
FILE: \RAG\00009\748		
MTL: -		

BALDOR

DIM SHEET-FRAME 160-280 OPTIONAL AUX CBOX

SH 1 of 1