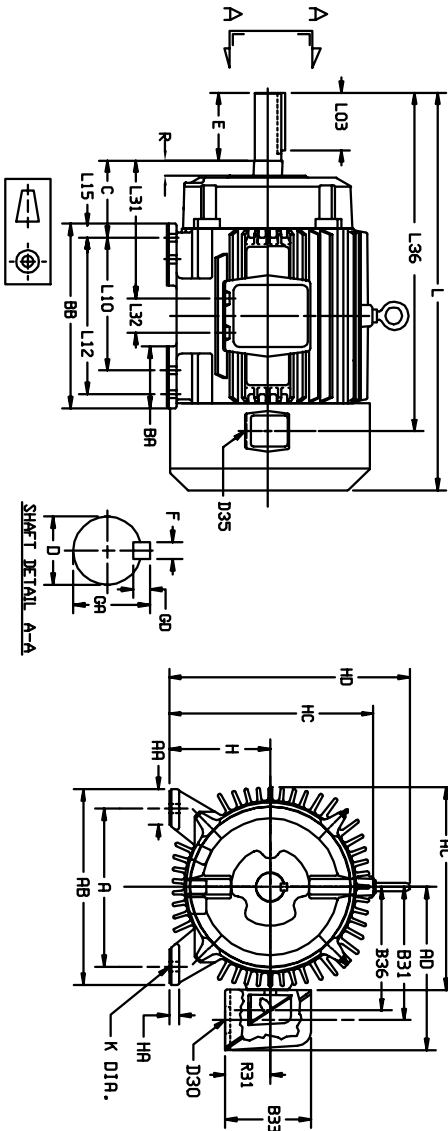


# DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION  
CAST IRON CONSTRUCTION

COOLING: IC41

ENCLOSURE: IP54  
MOUNTING: FOOT, 1M B3, 1M V5, 1M V6  
FRAMES 160 THRU 280



DIMENSION ARE IN MILLIMETERS; SEE SHEET 2 FOR DIMENSIONS IN INCHES

FRAME	A	AA	AB	AC	AD	BA	B31	B33	C	HC(2)	HA	HC	HD	K	R31	D30	L31	L32	D35	L36	B36	
160	254	64	318	337	298	305	236	192	108	180	20	337	399	145	76	(2)	M40X1.5	203	75	M20X1.5	352.3	236.5
180	279	64	349	378	364	330	270	201	121	180	21	375	436	145	92	(2)	M40X1.5	229	75	M20X1.5	435.6	266.7
200	318	70	394	432	426	348	321	242	133	200	19	424	486	185	105	(2)	M50X1.5	247	85	M20X1.5	494.5	286.7
225	356	70	432	495	458	399	353	242	149	225	19	470	545	185	105	(2)	M50X1.5	282	90	M20X1.5	539.2	295.1
250	405	83	483	572	488	448	385	242	168	250	25	541	616	24	105	(2)	M63X1.5	317	105	M20X1.5	615.2	366.8
280	457	83	533	641	595	533	462	324	190	280	29	594	677	24	178	(2)	M63X1.5	365	105	M20X1.5	701.3	387.4

FRAME	NUMBER	BB	DX(3)	E	F	R	GA	GD	L	L03	L10	L12	L15	WEIGHT (KGS. (5))
160M	2 AND MORE	305	42	110	12	3	45	8	633	80	210	---	25.4	151
160L	2 AND MORE	305	42	110	12	3	45	8	633	80	---	25.4	156	
180M	2 AND MORE	330	48	110	14	9	51.5	9	690	80	241	---	25.4	215
180L	2 AND MORE	330	48	110	14	9	51.5	9	690	80	---	27.9	222	
200M	2 AND MORE	375	55	110	16	8	59	10	750	80	267	---	35.1	267
200L	2 AND MORE	375	55	110	16	8	59	10	750	80	---	30.5	351	
225S	2	381	55	110	16	8	59	10	810	80	286	---	35.1	392
225M	4 AND MORE	381	60	140	18	8	64	11	840	100	286	---	35.1	392
225L	2	381	55	110	16	8	59	10	810	80	---	31.1	403	
225M	4 AND MORE	381	60	140	18	8	64	11	840	100	---	31.1	403	
225L	2	381	55	110	16	8	59	10	810	80	---	31.1	403	
225M	4 AND MORE	381	60	140	18	8	64	11	840	100	---	31.1	403	
225L	2	381	55	110	16	8	59	10	810	80	---	31.1	403	
250M	4 AND MORE	406	65	140	18	6	64	11	930	100	311	---	31.8	553
250L	2	406	60	140	18	6	64	11	930	100	311	---	28.7	553
250M	4 AND MORE	406	65	140	18	6	64	11	930	100	---	34.9	571	
250L	2	406	60	140	18	6	64	11	930	100	---	28.7	571	
280M	4 AND MORE	483	65	140	18	7	69	11	1060	100	368	---	31.8	757
280L	2	483	65	140	18	7	69	11	1060	100	368	---	31.8	757
280M	4 AND MORE	483	75	140	18	7	79.5	12	1060	100	---	41.9	843	
280L	2	483	65	140	18	7	69	11	1060	100	---	31.8	843	

- (1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.
- (2) 'H' VARIES — 160M - 250M +0, -5  
280S - 280M +0, -1.0
- (3) TOLERANCE OF 'D' — 50 AND LARGER #6  
TO 50 DIA. #6
- (4) ALL FRAMES HAVE EIGHT MOUNTING HOLES FOR DUAL MOUNTING.
- (5) MOTOR WEIGHTS MAY VARY BY 15% DEPENDING UPON RATING.
- (6) 'GA' VARIES +02, -30.
- (7) AUXILIARY CONDUIT BOX SUPPLIED ONLY WHEN SPECIFIED.

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN REQUESTED. IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.  
MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STD. SHAFT EXTENSION IS .05 T.I.R. UP TO AND INCLUDING 50 DIA. AND .06 T.I.R. OVER 50 DIA. TO 80 DIA.

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: 09:33:44 01/25/2013	BY: RAGEC
FILE: \RAG\00009\747		
MTL: -		

**BALDOR**

DIM SHEET-FRAME 160-280 OPTIONAL AUX CBOX

SH 1 of 1

FRAME-\_\_\_\_\_ TYPE-\_\_\_\_\_ HP-\_\_\_\_\_ RPM-\_\_\_\_\_ PH-\_\_\_\_\_ HZ \_\_\_\_\_ VOLTS \_\_\_\_\_  
ORDER-\_\_\_\_\_ ITEM-\_\_\_\_\_ APPROVED BY-\_\_\_\_\_ DATE \_\_\_\_\_  
SALES ORDER-\_\_\_\_\_