

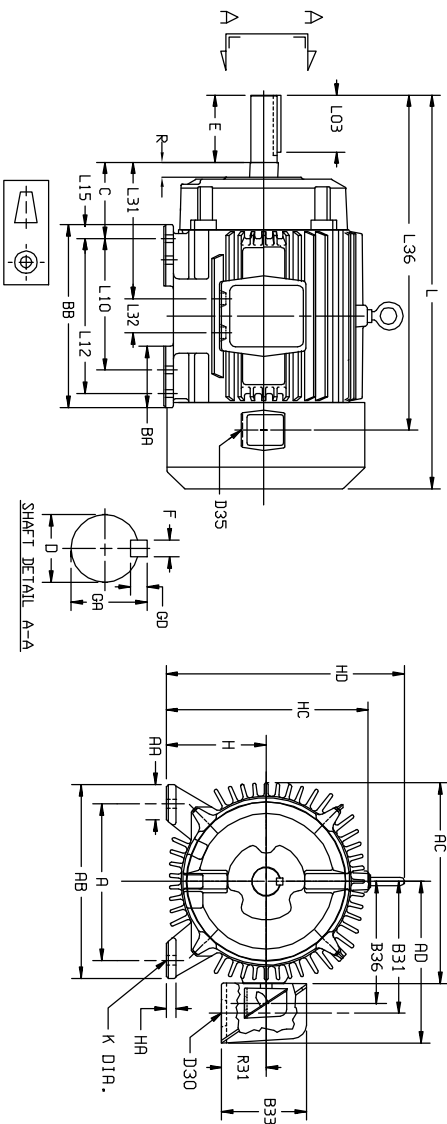
DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIREL-CAGE INDUCTION
CAST IRON CONSTRUCTION

ENCLOSURE: MEETS IP54 & IP55

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

COOLING: IC41



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	L32	D35	L36	B36	
160	254	64	318	337	298	305	236	152	108	160	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	114	321	242	133	200	19	424	486	185	105	(2) M50X1.5	247	85	M20X1.5	494.5	266.7
225	356	70	432	495	458	99	353	242	149	225	19	470	545	185	105	(2) M50X1.5	282	90	M20X1.5	539.2	295.1
250	406	83	483	572	488	117	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	133	462	324	190	280	29	594	677	24	178	(2) M63X1.5	365	105	M20X1.5	701.3	387.4

(1)

FRAME SIZE	NUMBER OF POLES	BB	D(3)	E	F	R	GA	(6)	GD	L	L03	L10	L12	L15	WEIGHT KGS. (5)
160M	2 AND MORE	305	42	110	12	3	45	8	6.33	80	210	---	25.4	25.4	151
160L	2 AND MORE	305	42	110	12	3	45	8	6.33	80	---	25.4	25.4	156	
180M	2 AND MORE	330	48	110	14	9	51.5	9	6.90	80	241	---	25.4	215	
180L	2 AND MORE	330	48	110	14	9	51.5	9	6.90	80	---	279	25.4	222	
200M	2 AND MORE	375	55	110	16	8	59	10	7.50	80	267	---	35.1	267	
200L	2 AND MORE	375	55	110	16	8	59	10	7.50	80	---	305	35.1	285	
225S	2	381	55	110	16	8	59	10	8.10	80	286	---	35.1	392	
225S	4 AND MORE	381	60	140	18	8	64	11	8.40	100	286	---	35.1	392	
225M	2	381	55	110	16	8	59	10	8.10	80	---	311	35.1	403	
225M	4 AND MORE	381	60	140	18	8	64	11	8.40	100	---	311	35.1	403	
250S	2	406	60	140	18	6	64	11	9.30	100	311	---	28.7	553	
250S	4 AND MORE	406	65	140	18	6	69	11	9.30	100	311	---	28.7	553	
250M	2	406	60	140	18	6	64	11	9.30	100	---	349	28.7	571	
250M	4 AND MORE	406	65	140	18	6	69	11	9.30	100	---	349	28.7	571	
280S	2	483	65	140	18	7	69	12	10.60	100	368	---	31.8	757	
280S	4 AND MORE	483	75	140	20	7	79.5	12	10.60	100	368	---	31.8	757	
280M	2	483	65	140	18	7	69	11	10.60	100	---	419	31.8	843	
280M	4 AND MORE	483	75	140	20	7	79.5	12	10.60	100	---	419	31.8	843	

(1)

(1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.
(2) "H" VARIES $\begin{cases} 160M - 250M +0, -5 \\ 280S - 280M +0, -10 \end{cases}$

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

(3) TOLERANCE OF "D" $\begin{cases} TD 50 DIA. \pm 6 \\ 50 AND LARGER \pm 6 \end{cases}$

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. TD 80 DIA.

(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.

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 IP 55	VERSION: 04	TDR: 000000979474
REV. LTR: D	REVISED: 11:03:20 06/03/2016	BY: RAGEC
FILE: \RAG\00009\747		
MTL: -		

BALDOR

DIM SHEET-FRAME 160-280 OPTIONAL AUX CBOX

SH 1 of 1