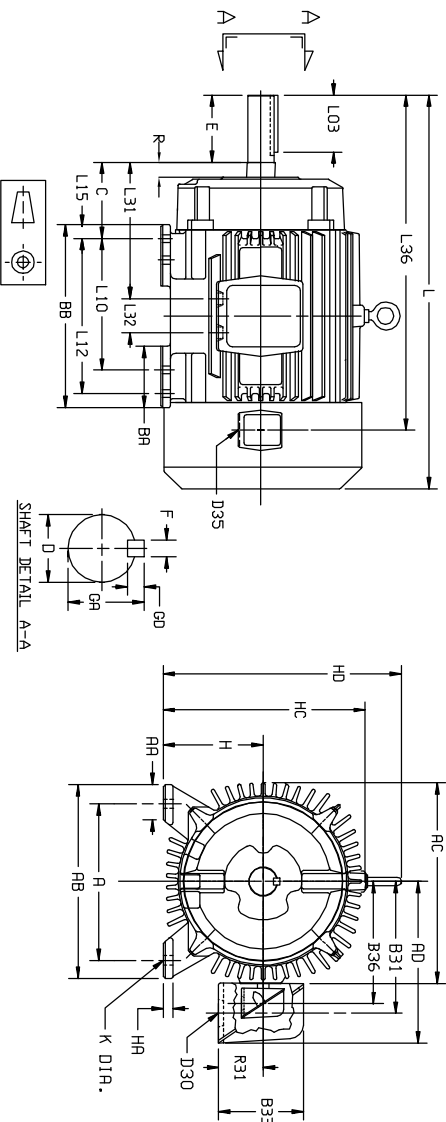


DUTY MASTER ALTERNATING CURRENT MOTORS

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   | H(2) | HA | HC  | HD  | K   | R31                 |
| 160                                                                | 254 | 64 | 318 | 337 | 298 | 305 | 236 | 152 | 108 | 160  | 20 | 337 | 399 | 145 | 76                  |
| 180                                                                | 279 | 64 | 349 | 378 | 364 | 330 | 270 | 201 | 121 | 180  | 21 | 375 | 436 | 145 | 92                  |
| 200                                                                | 318 | 70 | 394 | 432 | 426 | 114 | 321 | 242 | 133 | 200  | 19 | 424 | 486 | 185 | 105                 |
| 225                                                                | 356 | 70 | 432 | 495 | 458 | 99  | 353 | 242 | 149 | 225  | 19 | 470 | 545 | 185 | 105                 |
| 250                                                                | 406 | 83 | 483 | 572 | 488 | 117 | 385 | 242 | 168 | 250  | 25 | 541 | 616 | 24  | 105                 |
| 280                                                                | 457 | 83 | 533 | 641 | 595 | 133 | 462 | 324 | 190 | 280  | 29 | 594 | 677 | 24  | 178                 |
| (1)                                                                |     |    |     |     |     |     |     |     |     |      |    |     |     |     | (2) M63X1.5 365 105 |

| FRAME | NUMBER     | BB  | D(3) | E   | F  | R | (6)  | GA | GD    | L   | L03 | L10  | L12  | L15  | WEIGHT   |
|-------|------------|-----|------|-----|----|---|------|----|-------|-----|-----|------|------|------|----------|
| SIZE  | OF POLES   |     |      |     |    |   |      |    |       |     |     |      |      |      | 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 | 11 | 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  $\begin{cases} 160M - 250M +0, -5 \\ 280S - 280M +0, -10 \end{cases}$
- (3) TOLERANCE OF "D"  $\begin{cases} TD 50 DIA. \pm 6 \\ 50 AND LARGER \pm 6 \end{cases}$
- (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