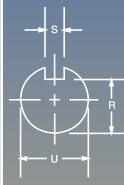


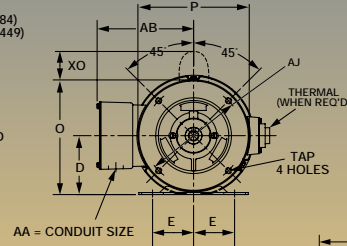
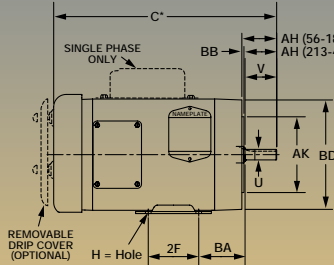
# BALDOR

MOTORS • DRIVES • GENERATORS

Leader in Energy Efficient Industrial Electric Motors and Drives

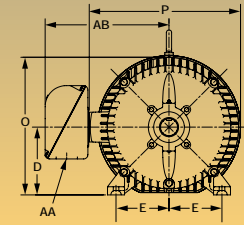
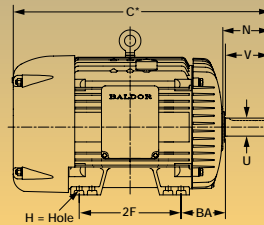


| NEMA Shaft (U) | Keyseat Dimensions |      |       | NEMA Shaft (U) | Keyseat Dimensions |     |      |
|----------------|--------------------|------|-------|----------------|--------------------|-----|------|
|                | (R)                | (S)  | FLAT  |                | (R)                | (S) | FLAT |
| 3/8            | 21/64              | FLAT | FLAT  | 1-7/8          | 1-19/32            | 1/2 |      |
| 1/2            | 29/64              | FLAT | FLAT  | 2-1/8          | 1-27/32            | 1/2 |      |
| 5/8            | 33/64              | 3/16 | 2-3/8 | 2-3/8          | 2-1/64             | 5/8 |      |
| 7/8            | 49/64              | 3/16 | 2-1/2 | 2-3/16         | 5/8                |     |      |
| 1-1/8          | 63/64              | 1/4  | 2-7/8 | 2-29/64        | 3/4                |     |      |
| 1-3/8          | 1-13/64            | 5/16 | 3-3/8 | 2-7/8          | 7/8                |     |      |
| 1-5/8          | 1-13/32            | 3/8  | 3-7/8 | 3-5/16         | 1                  |     |      |




Authorized Distributor:  
Pacific Marine & Industrial  
www.pacificmarine.net  
info@pacificmarine.net

Drawings represent standard TEFC general purpose motors  
Refer Data Section 502 for various models, OPEN or TEFC  
\*Dimensions are for reference only.



\*Contact your local Baldor office for "C" Dimensions.

Dimensions - N, O, P, AB and XO are specific to Baldor.

## NEMA QUICK REFERENCE CHART

| NEMA FRAME   | D     | E      | 2F      | H          | N       | O       | P        | U     | V     | AA    | AB      | AH      | AJ    | AK     | BA     | BB  | BD     | XO     | TAP    |
|--|-------|--------|---------|------------|---------|---------|----------|-------|-------|-------|---------|---------|-------|--------|--------|-----|--------|--------|--------|
| 42   | 2-5/8 | 1-3/4  | 1-11/16 | 9/32 SLOT  | 1-1/2   | 5       | 4-11/16  | 3/8   | 1-1/8 | 3/8   | 4-1/32  | 1-5/16  | 3-3/4 | 3      | 2-1/16 | 1/8 | 4-5/8  | 1-9/16 | 1/4-20 |
| 48   | 3     | 2-1/8  | 2-3/4   | 11/32 SLOT | 1-7/8   | 5-7/8   | 5-11/16  | 1/2   | 1-1/2 | 1/2   | 4-3/8   | 1-11/16 | 3-3/4 | 3      | 2-1/2  | 1/8 | 5-5/8  | 2-1/4  | 1/4-20 |
| 56<br>56H  | 3-1/2 | 2-7/16 | 3       | 11/32 SLOT | 2-7/16  | 6-7/8   | 6-5/8    | 5/8   | 1-7/8 | 1/2   | 5       | 2-1/16  | 5-7/8 | 4-1/2  | 2-3/4  | 1/8 | 6-1/2  | 2-1/4  | 3/8-16 |
| 143T<br>145T   | 3-1/2 | 2-3/4  | 4       | 11/32      | 2-1/2   | 6-7/8   | 6-5/8    | 7/8   | 2-1/4 | 3/4   | 5-1/4   | 2-1/8   | 5-7/8 | 4-1/2  | 2-1/4  | 1/8 | 6-1/2  | 2-1/4  | 3/8-16 |
| 182<br>184<br>182T<br>184T   | 4-1/2 | 3-3/4  | 4-1/2   | 13/32      | 2-11/16 | 8-11/16 | 7-7/8    | 7/8   | 2-1/4 | 3/4   | 5-7/8   | 2-1/8   | 5-7/8 | 4-1/2  | 2-3/4  | 1/8 | 6-1/2  | 2-3/8  | 3/8-16 |
| 213<br>215<br>213T<br>215T   | 5-1/4 | 4-1/4  | 5-1/2   | 13/32      | 3-1/2   | 10-1/4  | 9-9/16   | 1-1/8 | 3     | 3/4   | 2       | 2-1/8   | 7-1/4 | 8-1/2  | 3-1/2  | 1/4 | 9      | 2-3/4  | 1/2-13 |
| 254U<br>256U<br>254T<br>256T   | 6-1/4 | 5      | 10      | 17/32      | 4-11/16 | 12-7/8  | 12-15/16 | 1-3/8 | 3-3/4 | 1     | 9-5/8   | 3-1/2   | 7-1/4 | 8-1/2  | 4-1/4  | 1/4 | 10     | —      | 1/2-13 |
| 284U<br>286U<br>284T<br>286T<br>284TS<br>286TS                                   | 7     | 5-1/2  | 11      | 17/32      | 5-1/8   | 14-5/8  | 14-5/8   | 1-5/8 | 4-7/8 | 1-1/2 | 13-1/8  | 4-5/8   | 9     | 10-1/2 | 4-3/4  | 1/4 | 11-1/4 | —      | 1/2-13 |
| 324U<br>326U<br>324TS<br>326TS   | 8     | 6-1/4  | 12      | 21/32      | 5-7/8   | 16-1/2  | 16-1/2   | 1-7/8 | 5-5/8 | 2     | 14-1/8  | 5-3/8   | 11    | 12-1/2 | 5-1/4  | 1/4 | 13-3/8 | —      | 5/8-11 |
| 364U<br>365U<br>364T<br>365T<br>364TS<br>365TS                                   | 9     | 7      | 12      | 21/32      | 6-3/4   | 18-1/2  | 18-1/4   | 2-1/8 | 6-3/8 | 2-1/2 | 15-1/16 | 6-1/8   | 11    | 12-1/2 | 5-7/8  | 1/4 | 13-3/8 | —      | 5/8-11 |
| 404U<br>405U<br>404T<br>405T<br>404TS<br>405TS                                   | 10    | 8      | 12      | 13/16      | 7-3/16  | 20-5/16 | 20-1/8   | 2-3/8 | 5-5/8 | 3     | 18      | 6-7/8   | 11    | 12-1/2 | 6-5/8  | 1/4 | 13-7/8 | —      | 5/8-11 |
| 444U<br>445U<br>444T<br>445T<br>447T<br>449T<br>444TS<br>445TS<br>447TS<br>449TS | 11    | 9      | 20      | 13/16      | 8-5/8   | 22-7/8  | 22-3/8   | 2-7/8 | 8-5/8 | 3     | 19-9/16 | 8-3/8   | 14    | 16     | 7-1/2  | 1/4 | 16-3/4 | —      | 5/8-11 |

| 5000 FRAME | D      | E  | 2F | H     | O        | P  | U     | V      | AA    | AB     | BA    |
|------------|--------|----|----|-------|----------|----|-------|--------|-------|--------|-------|
| 5007S      | 12-1/2 | 10 | 22 | 15/16 | 26-27/32 | 30 | 2-1/2 | 6-1/2  | 4-NPT | 26-7/8 | 8-1/2 |
| 5007L      | 12-1/2 | 10 | 22 | 15/16 | 26-27/32 | 30 | 3-7/8 | 11-1/8 | 4-NPT | 26-7/8 | 8-1/2 |
| 5009S      | 12-1/2 | 10 | 28 | 15/16 | 26-27/32 | 30 | 2-1/2 | 6-1/2  | 4-NPT | 26-7/8 | 8-1/2 |
| 5009L      | 12-1/2 | 10 | 28 | 15/16 | 26-27/32 | 30 | 3-7/8 | 11-1/8 | 4-NPT | 26-7/8 | 8-1/2 |
| 5011S      | 12-1/2 | 10 | 36 | 15/16 | 26-27/32 | 30 | 2-1/2 | 6-1/2  | 4-NPT | 26-7/8 | 8-1/2 |
| 5011L      | 12-1/2 | 10 | 36 | 15/16 | 26-27/32 | 30 | 3-7/8 | 11-1/8 | 4-NPT | 26-7/8 | 8-1/2 |

| NEMA C-Face | BA Dimensions |
|-------------|---------------|
| 143-5TC     | 2-3/4         |
| 182-4TC     | 3-1/2         |
| 213-5TC     | 4-1/4         |
| 254-6TC     | 4-3/4         |

| Frame | NEMA FRAMES PRIOR TO 1953 |         |       |        |       |       |       |  |
|-------|---------------------------|---------|-------|--------|-------|-------|-------|--|
|       | D                         | E       | F     | N      | U     | V     | BA    |  |
| 66    | 4-1/8                     | 2-15/16 | 2-1/2 | 2-1/4  | 3/4   | 2-1/4 | 3-1/8 |  |
| 203   | 5                         | 4       | 2-3/4 | 2-7/16 | 3/4   | 2     | 3-1/8 |  |
| 204   |                           |         | 3-1/4 |        |       |       |       |  |
| 224   | 5-1/2                     | 4-1/2   | 3-3/8 | 3-1/4  | 1     | 3     | 3-1/2 |  |
| 225   |                           |         | 3-3/4 |        |       |       |       |  |
| 254   | 6-1/4                     | 5       | 4-1/8 | 3-7/16 | 1-1/8 | 3-3/8 | 4-1/4 |  |
| 284   | 7                         | 5-1/2   | 4-3/4 | 4-1/4  | 1-1/4 | 3-3/4 | 4-3/4 |  |
| 324   | 8                         | 6-1/4   | 5-1/4 | 5-3/8  | 1-5/8 | 4-7/8 | 5-1/4 |  |
| 326   |                           |         | 6     |        |       |       |       |  |
| 364   | 9                         | 7       | 5-5/8 | 5-5/8  | 1-7/8 | 5-3/8 | 5-7/8 |  |
| 365   |                           |         | 6-1/8 |        |       | 6-1/8 |       |  |
| 404   | 10                        | 8       | 6-1/8 | 6-3/8  | 2-1/8 | 6-1/8 | 6-5/8 |  |
| 405   |                           |         | 6-7/8 |        |       |       |       |  |
| 444   | 11                        | 9       | 7-1/4 | 7-1/8  | 2-3/8 | 6-7/8 | 7-1/2 |  |
| 445   |                           |         | 8-1/4 |        |       |       |       |  |
| 504   | 12-1/2                    | 10      | 8     | 8-5/8  | 2-7/8 | 8-3/8 | 8-1/2 |  |
| 505   |                           |         | 9     |        |       |       |       |  |