



## North American Direct Drive Blowers Motor Shaft Dimensions

**KWY** = Keyway on all manufacturers' motors with standard shafts. Keyway is not used except where marked <sup>f</sup>.

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**RD** = Round shaft on all special length motor shafts, (used for multistage blowers), except where flat is used.

**FLAT** = No. 56 frame motor with special length shaft.

**Motor Speed** is 3600 rpm, except blowers marked <sup>Ⓢ</sup> require 1800 rpm motors with T-frame construction (not TS).

| Blower designation            | motor frame no. |      | KWY, RD, or FLAT | motor shaft specifications |       |                          |                    |
|-------------------------------|-----------------|------|------------------|----------------------------|-------|--------------------------|--------------------|
|                               | drip-proof      | TEFC |                  | diameter, in. <sup>a</sup> |       | length, in. <sup>b</sup> |                    |
|                               |                 |      |                  | drip-proof                 | TEFC  | drip-proof               | TEFC               |
| 2304-11/1-_.3D                | 56              | 56   | KWY              | 0.625                      | 0.625 | 1.875                    | 1.875              |
| 2304-44/1-_.10D <sup>fⓈ</sup> | 215T            | 215T | KWY              | 1.375                      | 1.375 | 3.375                    | 3.375              |
| 2308-11/3-_.3D                | 56              | 56   | FLAT             | 0.625                      | 0.625 | 4.000 <sup>c</sup>       | 4.000 <sup>c</sup> |
| 2308-14/1-_.5D                | 56              | 56   | KWY              | 0.625                      | 0.625 | 1.875                    | 1.875              |
| 2308-14/1-_.75D               | 56              | 56   | KWY              | 0.625                      | 0.625 | 1.875                    | 1.875              |
| 2308-14/1-_.1D                | 56              | 56   | KWY              | 0.625                      | 0.625 | 1.875                    | 1.875              |
| 2308-17/1-_.1D                | 56              | 56   | KWY              | 0.625                      | 0.625 | 1.875                    | 1.875              |
| 2308-17/1-_.15D               | 143T            | 143T | KWY              | 0.875                      | 0.875 | 2.250                    | 2.250              |
| 2308-24/1-_.2D                | 145T            | 145T | KWY              | 0.875                      | 0.875 | 2.250                    | 2.250              |
| 2308-24/1-_.3D                | 145T            | 182T | KWY              | 0.875                      | 1.125 | 2.250                    | 2.750              |
| 2308-31/1-_.5D                | 182T            | 184T | KWY              | 1.125                      | 1.125 | 2.750                    | 2.750              |
| 2308-31/1-_.75D               | 184T            | 213T | KWY              | 1.125                      | 1.375 | 3.375                    | 3.375              |
| 2308-21/1-_.10D               | 213T            | 215T | KWY              | 1.375                      | 1.375 | 3.375                    | 3.375              |
| 2308-44/1-_.10D <sup>fⓈ</sup> | 215T            | 215T | KWY              | 1.375                      | 1.375 | 3.375                    | 3.375              |
| 2308-44/1-_.15D <sup>fⓈ</sup> | 254T            | 254T | KWY              | 1.625                      | 1.625 | 4.000                    | 4.000              |
| 2308-44/1-_.20D <sup>fⓈ</sup> | 256T            | 256T | KWY              | 1.625                      | 1.625 | 4.000                    | 4.000              |
| 2308-44/1-_.25D <sup>fⓈ</sup> | 284T            | 284T | KWY              | 1.875                      | 1.875 | 4.625                    | 4.625              |
| 2308-44/1-_.30D <sup>fⓈ</sup> | 286T            | 286T | KWY              | 1.875                      | 1.875 | 4.625                    | 4.625              |
| 2308-47/1-_.40D <sup>Ⓢ</sup>  | 324T            | 324T | KWY              | 2.125                      | 2.125 | 5.250                    | 5.250              |
| 2308-47/1-_.50D <sup>Ⓢ</sup>  | 326T            | 326T | KWY              | 2.125                      | 2.125 | 5.250                    | 5.250              |
| 2408-D-_.5D                   | 182T            | 184T | KWY              | 1.125                      | 1.125 | 2.750                    | 2.750              |
| 2408-D-_.75D                  | 184T            | 213T | KWY              | 1.125                      | 1.375 | 2.750                    | 3.375              |
| 2408-F-_.10D                  | 213T            | 215T | KWY              | 1.375                      | 1.375 | 3.375                    | 3.375              |
| 2408-F-_.15D                  | 215T            | 254T | KWY              | 1.375                      | 1.625 | 3.375                    | 4.000              |
| 2408-F-_.20D                  | 254T            | 256T | KWY              | 1.625                      | 1.625 | 4.000                    | 4.000              |
| 2408-G-_.20D <sup>Ⓢ</sup>     | 256T            | 256T | KWY              | 1.625                      | 1.625 | 4.000                    | 4.000              |
| 2408-G-_.25D <sup>Ⓢ</sup>     | 284T            | 284T | KWY              | 1.875                      | 1.875 | 4.625                    | 4.625              |
| 2408-G-_.30D <sup>Ⓢ</sup>     | 286T            | 286T | KWY              | 1.875                      | 1.875 | 4.625                    | 4.625              |
| 2408-G-_.40D <sup>Ⓢ</sup>     | 324T            | 324T | KWY              | 2.125                      | 2.125 | 5.250                    | 5.250              |
| 2408-G-_.50D <sup>Ⓢ</sup>     | 326T            | 326T | KWY              | 2.125                      | 2.125 | 5.250                    | 5.250              |
| 2408-H-_.50D <sup>Ⓢ</sup>     | 326T            | 326T | KWY              | 2.125                      | 2.125 | 5.250                    | 5.250              |
| 2310-11/4-_.5D                | 56              | 56   | FLAT             | 0.625                      | 0.625 | 5.250 <sup>c</sup>       | 5.250 <sup>c</sup> |
| 2310-19/1-_.75D               | 56              | 56   | KWY              | 0.625                      | 0.625 | 1.875                    | 1.875              |
| 2310-19/1-_.1D                | 56              | 56   | KWY              | 0.625                      | 0.625 | 1.875                    | 1.875              |
| 2310-19/1-_.15D               | 143T            | 143T | KWY              | 0.875                      | 0.875 | 2.250                    | 2.250              |