

## Eline Nema Premium Motor Performances

| Catalog Number                        | 60 HZ Original Motor | 50 HZ Derating |
|---------------------------------------|----------------------|----------------|
| <b>ELP7P3G</b>                        | <b>575V</b>          | <b>460V</b>    |
|                                       | <b>60HZ</b>          | <b>50HZ</b>    |
| HP                                    | 7.5                  | 7.5            |
| KW                                    | 5.60                 | 5.60           |
| Frame                                 | 254T / TC            | 254T / TC      |
| Sync Speed                            | 1200                 | 1000           |
| FL Speed                              | 1185                 | 980            |
| Torque (lb.ft)                        | 33.2                 | 40.8           |
| LRT (%)                               | 320                  | 260            |
| BDT (%)                               | 350                  | 270            |
| FL Amp                                | 8.3                  | 10.0           |
| LR Amp                                | 62                   | 62.0           |
| SF Amp                                | 10.2                 | 10.6           |
| Eff. (1/4)                            | 81.1                 | -              |
| Eff. (1/2)                            | 88.6                 | -              |
| Eff. (3/4)                            | 90.6                 | -              |
| Eff. (FL)                             | 91                   | 90.0           |
| Eff. (SF)                             | 90.9                 | -              |
| Garanteed Eff                         | 89.8                 | 88.7           |
| PF (1/4)                              | 34.0                 | -              |
| PF (1/2)                              | 54.0                 | -              |
| PF (3/4)                              | 67.0                 | -              |
| PF (FL)                               | 74.0                 | 78.0           |
| PF (SF)                               | 78.0                 | -              |
| Service Factor                        | 1.30                 | 1.06           |
| NEMA Code Letter                      | K                    | H              |
| NEMA Design                           | A                    | A              |
| Max KVAR                              | 5.6                  | 5.0            |
| WK <sup>2</sup> (Lb-Ft <sup>2</sup> ) | 2.63                 | 2.63           |
| Net Weight (lbs)                      | 321                  | 321            |
| Bearing (DE)                          | 6309 2Z              | 6309 2Z        |
| Bearing (ODE)                         | 6309 2Z              | 6309 2Z        |
| Noise Level (dBA)                     | 69                   | 69             |

*The Above Data is Typical, Sinewave Power Unless Noted Otherwise*