

Eline Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	50 HZ Derating
ELP5P3G	575V	460V
	60HZ	50HZ
HP	5.0	5.0
KW	3.70	3.70
Frame	215T / TC	215T / TC
Sync Speed	1200	1000
FL Speed	1170	955
Torque (lb.ft)	22.4	28.1
LRT (%)	250	225
BDT (%)	350	305
FL Amp	5.6	6.9
LR Amp	36.8	34.2
SF Amp	6.7	6.9
Eff. (1/4)	81.2	-
Eff. (1/2)	88.2	-
Eff. (3/4)	89.6	-
Eff. (FL)	89.5	86.4
Eff. (SF)	88.7	-
Garanteed Eff	88.1	84.7
PF (1/4)	37.0	-
PF (1/2)	57.0	-
PF (3/4)	69.0	-
PF (FL)	75.0	79.0
PF (SF)	78.0	-
Service Factor	1.30	1.00
NEMA Code Letter	J	F
NEMA Design	B	B
Max KVAR	3.7	3.3
WK ² (Lb-Ft ²)	1.56	1.56
Net Weight (lbs)	220	220
Bearing (DE)	6308 2Z	6308 2Z
Bearing (ODE)	6308 2Z	6308 2Z
Noise Level (dBA)	69	69

The Above Data is Typical, Sinewave Power Unless Noted Otherwise