

E|line Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	50 HZ Derating
ELP5P1G	575V	460V
	60HZ	50HZ
HP	5.0	5.0
KW	3.70	3.70
Frame	184T / TC	184T / TC
Sync Speed	3600	3000
FL Speed	3535	2910
Torque (lb.ft)	7.4	9.2
LRT (%)	450	355
BDT (%)	530	405
FL Amp	5	6.1
LR Amp	58.4	54.8
SF Amp	6.7	6.9
Eff. (1/4)	78.9	-
Eff. (1/2)	86.7	-
Eff. (3/4)	88.6	-
Eff. (FL)	89	87.5
Eff. (SF)	88.6	-
Garanteed Eff	87.6	85.9
PF (1/4)	46.0	-
PF (1/2)	68.0	-
PF (3/4)	80.0	-
PF (FL)	85.0	88.0
PF (SF)	89.0	-
Service Factor	1.40	1.13
NEMA Code Letter	N	K
NEMA Design	A	A
Max KVAR	2.6	2.3
WK ² (Lb-Ft ²)	0.2	0.2
Net Weight (lbs)	102	102
Bearing (DE)	6306 2Z	6306 2Z
Bearing (ODE)	6306 2Z	6306 2Z
Noise Level (dBA)	75	75

The Above Data is Typical, Sinewave Power Unless Noted Otherwise