

E|line Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	50 HZ Derating
ELP5P2G	575V	460V
	60HZ	50HZ
HP	5.0	5.0
KW	3.70	3.70
Frame	184T / TC	184T / TC
Sync Speed	1800	1500
FL Speed	1770	1455
Torque (lb.ft)	14.8	18.6
LRT (%)	300	230
BDT (%)	380	290
FL Amp	5.4	6.6
LR Amp	48.8	45.6
SF Amp	6.7	7.0
Eff. (1/4)	80.6	-
Eff. (1/2)	87.6	-
Eff. (3/4)	89.2	-
Eff. (FL)	89.5	88.1
Eff. (SF)	89	-
Garanteed Eff	88.1	86.6
PF (1/4)	37.0	-
PF (1/2)	58.0	-
PF (3/4)	71.0	-
PF (FL)	78.0	81.0
PF (SF)	82.0	-
Service Factor	1.30	1.06
NEMA Code Letter	L	J
NEMA Design	A	A
Max KVAR	3.3	3.0
WK ² (Lb-Ft ²)	0.34	0.34
Net Weight (lbs)	108	108
Bearing (DE)	6306 2Z	6306 2Z
Bearing (ODE)	6306 2Z	6306 2Z
Noise Level (dBA)	71	71

The Above Data is Typical, Sinewave Power Unless Noted Otherwise