

E|line Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	50 HZ Derating
<i>ELP7P2G</i>	575V	460V
	60HZ	50HZ
HP	7.5	7.5
KW	5.60	5.60
Frame	213T / TC	213T / TC
Sync Speed	1800	1500
FL Speed	1765	1455
Torque (lb.ft)	22.3	27.5
LRT (%)	235	185
BDT (%)	290	225
FL Amp	7.4	9.0
LR Amp	56.8	53.7
SF Amp	9.7	10.0
Eff. (1/4)	84.1	-
Eff. (1/2)	90.5	-
Eff. (3/4)	91.6	-
Eff. (FL)	91.7	90.9
Eff. (SF)	91.5	-
Garanteed Eff	90.6	89.7
PF (1/4)	48.0	-
PF (1/2)	67.0	-
PF (3/4)	78.0	-
PF (FL)	82.0	86.0
PF (SF)	85.0	-
Service Factor	1.30	1.08
NEMA Code Letter	J	G
NEMA Design	A	A
Max KVAR	4.2	3.7
WK ² (Lb-Ft ²)	0.87	0.87
Net Weight (lbs)	167	167
Bearing (DE)	6308 2Z	6308 2Z
Bearing (ODE)	6308 2Z	6308 2Z
Noise Level (dBA)	75	75

The Above Data is Typical, Sinewave Power Unless Noted Otherwise