

Eline Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	50 HZ Derating
ELP10P3G	575V	460V
	60HZ	50HZ
HP	10.0	10.0
KW	7.50	7.50
Frame	256T / TC	256T / TC
Sync Speed	1200	1000
FL Speed	1180	975
Torque (lb.ft)	44.5	54.7
LRT (%)	290	245
BDT (%)	330	275
FL Amp	10.7	13.1
LR Amp	75.2	79.9
SF Amp	13.3	13.7
Eff. (1/4)	82	-
Eff. (1/2)	89.2	-
Eff. (3/4)	90.8	-
Eff. (FL)	91	89.9
Eff. (SF)	90.8	-
Garanteed Eff	89.8	88.6
PF (1/4)	36.0	-
PF (1/2)	58.0	-
PF (3/4)	70.0	-
PF (FL)	77.0	79.0
PF (SF)	81.0	-
Service Factor	1.30	1.06
NEMA Code Letter	J	H
NEMA Design	A	A
Max KVAR	6.8	6.4
WK ² (Lb-Ft ²)	3.31	3.31
Net Weight (lbs)	363	363
Bearing (DE)	6309 2Z	6309 2Z
Bearing (ODE)	6309 2Z	6309 2Z
Noise Level (dBA)	70	70

The Above Data is Typical, Sinewave Power Unless Noted Otherwise