

E|line Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	50 HZ Derating
ELP32P1G	575V	460V
	60HZ	50HZ
HP	1.5	1.5
KW	1.10	1.10
Frame	143T / TC	143T / TC
Sync Speed	3600	3000
FL Speed	3540	2915
Torque (lb.ft)	2.3	2.8
LRT (%)	350	270
BDT (%)	410	305
FL Amp	1.7	2.1
LR Amp	16	15.1
SF Amp	2.3	2.3
Eff. (1/4)	69	-
Eff. (1/2)	79.8	-
Eff. (3/4)	83.2	-
Eff. (FL)	84	82.7
Eff. (SF)	84	-
Garanteed Eff	82.0	80.6
PF (1/4)	38.0	-
PF (1/2)	57.0	-
PF (3/4)	69.0	-
PF (FL)	78.0	82.0
PF (SF)	83.0	-
Service Factor	1.40	1.13
NEMA Code Letter	M	K
NEMA Design	B	B
Max KVAR	1.0	0.9
WK ² (Lb-Ft ²)	0.07	0.07
Net Weight (lbs)	56	56
Bearing (DE)	6205 2Z	6205 2Z
Bearing (ODE)	6205 2Z	6205 2Z
Noise Level (dBA)	80	80

The Above Data is Typical, Sinewave Power Unless Noted Otherwise