

eLINE Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
ELP10P1D	460V	230V	208V	190V	380V	380V	190V	400V	415V
	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ
HP	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
KW	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
Frame	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC
Sync Speed	3600	3600	3600	3600	3600	3000	3000	3000	3000
FL Speed	3535	3535	3535	3495	3495	2910	2910	2925	2930
Torque (lb.ft)	14.8	14.8	14.8	15.3	15.3	18.4	18.4	18.2	18.2
LRT (%)	300	300	300	200	200	245	245	275	285
BDT (%)	335	335	335	220	220	255	255	285	310
FL Amp	11.4	22.8	25.2	27.6	13.8	13.9	27.8	13.2	12.7
LR Amp	93.0	186.0	168.2	153.3	76.7	89.3	178.5	94.3	96.6
SF Amp	16.8	33.6	33.6	33.6	16.8	16.8	33.6	16.8	16.81
Eff. (1/4)	83.5	83.5	83.5	-	-	-	-	-	-
Eff. (1/2)	89.3	89.3	89.3	-	-	-	-	-	-
Eff. (3/4)	90.4	90.4	90.4	-	-	-	-	-	-
Eff. (FL)	90.2	90.2	90.2	88.7	88.7	88.5	88.5	89.0	89.3
Eff. (SF)	89.6	89.6	89.6	-	-	-	-	-	-
Garanteed Eff	88.9	88.9	88.9	-	-	87.0	87.0	87.6	87.9
PF (1/4)	58.0	58.0	58.0	-	-	-	-	-	-
PF (1/2)	80.0	80.0	80.0	-	-	-	-	-	-
PF (3/4)	88.0	88.0	88.0	-	-	-	-	-	-
PF (FL)	91.0	91.0	91.0	93.0	93.0	92.0	92.0	92.0	91.0
PF (SF)	93.0	93.0	93.0	-	-	-	-	-	-
Service Factor	1.30	1.30	1.30	1.19	1.19	1.20	1.20	1.27	1.32
NEMA Code Letter	J	J	J	F	F	G	G	H	H
NEMA Design	A	A	A	A	A	A	A	A	A
Max KVAR	3.8	3.8	3.8	3.3	3.3	3.6	3.6	3.6	3.8
WK ² (Lb-Ft ²)	0.5	0.50	0.5	0.5	0.5	0.5	0.5	0.50	0.5
Net Weight (lbs)	173	173	173	173	173	173	173	173	173
Bearing (DE)	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z
Bearing (ODE)	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z
Noise Level (dBA)	82	82	82	82	82	82	82	82	82

The Above Data is Typical, Sinewave Power Unless Noted Otherwise