

eLINE Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
ELP2P1D	460V	230V	208V	190V	380V	380V	190V	400V	415V
	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ
HP	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
KW	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Frame	145T / TC	145T / TC	145T / TC	145T / TC	145T / TC	145T / TC	145T / TC	145T / TC	145T / TC
Sync Speed	3600	3600	3600	3600	3600	3000	3000	3000	3000
FL Speed	3525	3525	3525	3475	3475	2900	2900	2910	2920
Torque (lb.ft)	3.0	3.0	3.0	3.1	3.1	3.7	3.7	3.6	3.6
LRT (%)	360	360	360	225	225	280	280	315	330
BDT (%)	400	400	400	270	270	300	300	335	370
FL Amp	2.7	5.4	5.4	6.2	3.1	3.2	6.4	3.1	3
LR Amp	25.4	50.8	45.9	40.4	20.2	22.9	45.8	24.0	24.8
SF Amp	3.5	7.0	7	7	3.5	3.5	7	3.5	3.5
Eff. (1/4)	74.4	74.4	74.4	-	-	-	-	-	-
Eff. (1/2)	83.3	83.3	83.3	-	-	-	-	-	-
Eff. (3/4)	85.7	85.7	85.7	-	-	-	-	-	-
Eff. (FL)	85.5	85.5	85.5	84	84	83.6	83.6	84.2	84.6
Eff. (SF)	85.4	85.4	85.4	-	-	-	-	-	-
Garanteed Eff	83.7	83.7	83.7	-	-	81.6	81.6	82.3	82.7
PF (1/4)	41.0	41.0	41.0	-	-	-	-	-	-
PF (1/2)	62.0	62.0	62.0	-	-	-	-	-	-
PF (3/4)	75.0	75.0	75.0	-	-	-	-	-	-
PF (FL)	82.0	82.0	82.0	86.0	86.0	85.0	85.0	84.0	82.0
PF (SF)	86.0	86.0	86.0	-	-	-	-	-	-
Service Factor	1.40	1.40	1.40	1.08	1.08	1.07	1.07	1.15	1.20
NEMA Code Letter	L	L	L	H	H	J	J	K	K
NEMA Design	B	B	B	B	B	B	B	B	B
Max KVAR	1.2	1.2	1.2	1.0	1.0	1.1	1.1	1.2	1.2
WK² (Lb-Ft²)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Net Weight (lbs)	57	57	57	57	57	57	57	57	57
Bearing (DE)	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z
Bearing (ODE)	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z
Noise Level (dBA)	79	79	79	79	79	79	79	79	79

The Above Data is Typical, Sinewave Power Unless Noted Otherwise