

eLINE Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
ELP32P2D	460V	230V	208V	190V	380V	380V	190V	400V	415V
	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ
HP	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
KW	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
Frame	145T / TC	145T / TC	145T / TC	145T / TC	145T / TC	145T / TC	145T / TC	145T / TC	145T / TC
Sync Speed	1800	1800	1800	1800	1800	1500	1500	1500	1500
FL Speed	1750	1750	1750	1715	1715	1430	1430	1440	1445
Torque (lb.ft)	4.5	4.5	4.5	4.6	4.6	5.5	5.5	5.5	5.5
LRT (%)	300	300	300	180	180	230	230	260	275
BDT (%)	400	400	400	255	255	360	360	325	360
FL Amp	2.1	4.2	4.2	4.8	2.4	2.4	4.8	2.3	2.3
LR Amp	16.6	33.2	30.0	26.6	13.3	15.4	30.8	16.0	16.6
SF Amp	2.8	5.6	5.6	5.6	2.78	2.78	5.6	2.8	2.78
Eff. (1/4)	77.1	77.1	77.1	-	-	-	-	-	-
Eff. (1/2)	85	85.0	85	-	-	-	-	-	-
Eff. (3/4)	86.8	86.8	86.8	-	-	-	-	-	-
Eff. (FL)	86.5	86.5	86.5	84	84	84.1	84.1	85.0	85.4
Eff. (SF)	86.3	86.3	86.3	-	-	-	-	-	-
Garanteed Eff	84.8	84.8	84.8	-	-	82.1	82.1	83.1	83.6
PF (1/4)	38.0	38.0	38.0	-	-	-	-	-	-
PF (1/2)	59.0	59.0	59.0	-	-	-	-	-	-
PF (3/4)	72.0	72.0	72.0	-	-	-	-	-	-
PF (FL)	79.0	79.0	79.0	84.0	84.0	83.0	83.0	81.0	79.0
PF (SF)	84.0	84.0	84.0	-	-	-	-	-	-
Service Factor	1.40	1.40	1.40	1.08	1.08	1.10	1.10	1.18	1.23
NEMA Code Letter	K	K	K	G	G	H	H	J	J
NEMA Design	B	B	B	-	-	B	B	B	B
Max KVAR	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0
WK ² (Lb-Ft ²)	0.1	0.10	0.1	0.1	0.1	0.1	0.1	0.10	0.1
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)	66	66	66	66	66	66	66	66	66

The Above Data is Typical, Sinewave Power Unless Noted Otherwise