

## eLINE Nema Premium Motor Performances



Catalog Number	60 HZ Original Motor		60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
	460V	230V	208V	190V	380V	380V	190V	400V	415V	
<i>ELP5P2D</i>	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ	
HP	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
KW	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	
Frame	184T / TC	184T / TC	184T / TC	184T / TC	184T / TC	184T / TC	184T / TC	184T / TC	184T / TC	
Sync Speed	1800	1800	1800	1800	1800	1500	1500	1500	1500	
FL Speed	1770	1770	1770	1745	1745	1455	1455	1460	1465	
Torque (lb.ft)	14.8	14.8	14.8	15.5	15.5	18.6	18.6	0.0	18.4	
LRT (%)	300	300	300	180	180	230	230	260	295	
BDT (%)	380	380	380	240	240	290	290	325	360	
FL Amp	6.7	13.4	14.3	15.6	7.8	7.9	15.8	7.7	7.6	
LR Amp	61.0	122.0	110.3	94.8	47.4	55.2	110.4	58.3	62.3	
SF Amp	8.42	16.8	16.8	16.8	8.42	8.42	16.8	8.4	8.42	
Eff. (1/4)	80.6	80.6	80.6	-	-	-	-	-	-	
Eff. (1/2)	87.6	87.6	87.6	-	-	-	-	-	-	
Eff. (3/4)	89.2	89.2	89.2	-	-	-	-	-	-	
Eff. (FL)	89.5	89.5	89.5	87.4	87.4	88.1	88.1	88.4	88.5	
Eff. (SF)	89	89.0	89	-	-	-	-	-	-	
Garanteed Eff	88.1	88.1	88.1	-	-	86.6	86.6	86.9	87.0	
PF (1/4)	37.0	37.0	37.0	-	-	-	-	-	-	
PF (1/2)	58.0	58.0	58.0	-	-	-	-	-	-	
PF (3/4)	71.0	71.0	71.0	-	-	-	-	-	-	
PF (FL)	78.0	78.0	78.0	83.0	83.0	81.0	81.0	79.0	77.0	
PF (SF)	82.0	82.0	82.0	-	-	-	-	-	-	
Service Factor	1.30	1.30	1.30	1.06	1.06	1.06	1.06	1.12	1.15	
NEMA Code Letter	L	L	L	G	G	J	J	K	K	
NEMA Design	A	A	A	-	-	A	A	A	A	
Max KVAR	3.3	3.3	3.3	2.9	2.9	3.0	3.0	3.3	3.5	
WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	
Net Weight (lbs)	108	108	108	108	108	108	108	108	108	
Bearing (DE)	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	
Bearing (ODE)	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	
Noise Level (dBA)	71	71	71	71	71	71	71	71	71	

*The Above Data is Typical, Sinewave Power Unless Noted Otherwise*