

## 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>ELP7P2D</i>	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ	
HP	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	
KW	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	
Frame	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	
Sync Speed	1800	1800	1800	1800	1800	1500	1500	1500	1500	
FL Speed	1765	1765	1765	1745	1745	1455	1455	1460	1465	
Torque (lb.ft)	22.3	22.3	22.3	23.1	23.1	27.5	27.5	27.3	27.2	
LRT (%)	235	235	235	150	150	185	185	205	230	
BDT (%)	290	290	290	185	185	225	225	250	275	
FL Amp	9.3	18.6	20.4	20.8	10.4	10.9	21.8	10.4	10.4	
LR Amp	71.0	142.0	128.4	109.4	54.7	65.0	130.0	68.5	72.8	
SF Amp	12.1	24.2	24.2	24.2	12.1	12.1	24.2	12.1	12.1	
Eff. (1/4)	84.1	84.1	84.1	-	-	-	-	-	-	
Eff. (1/2)	90.5	90.5	90.5	-	-	-	-	-	-	
Eff. (3/4)	91.6	91.6	91.6	-	-	-	-	-	-	
Eff. (FL)	91.7	91.7	91.7	90.78	90.78	90.9	90.9	91.1	91.1	
Eff. (SF)	91.5	91.5	91.5	-	-	-	-	-	-	
Garanteed Eff	90.6	90.6	90.6	-	-	89.7	89.7	89.9	89.9	
PF (1/4)	48.0	48.0	48.0	-	-	-	-	-	-	
PF (1/2)	67.0	67.0	67.0	-	-	-	-	-	-	
PF (3/4)	78.0	78.0	78.0	-	-	-	-	-	-	
PF (FL)	82.0	82.0	82.0	88.0	88.0	86.0	86.0	84.0	81.0	
PF (SF)	85.0	85.0	85.0	-	-	-	-	-	-	
Service Factor	1.30	1.30	1.30	1.08	1.08	1.08	1.08	1.13	1.17	
NEMA Code Letter	J	J	J	E	E	G	G	J	H	
NEMA Design	A	A	A	0	0	A	A	A	A	
Max KVAR	4.2	4.2	4.2	3.3	3.3	3.7	3.7	3.9	4.4	
WK <sup>2</sup> (Lb-Ft <sup>2</sup> )	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	
Net Weight (lbs)	167	167	167	167	167	167	167	167	167	
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)	75	75	75	75	75	75	75	75	75	

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