

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>ELP10P3D</i>	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	256T / TC	256T / TC	256T / TC	256T / TC	256T / TC	256T / TC	256T / TC	256T / TC	256T / TC	
Sync Speed	1200	1200	1200	1200	1200	1000	1000	1000	1000	
FL Speed	1180	1180	1180	1170	1170	975	975	980	980	
Torque (lb.ft)	44.5	44.5	44.5	45.3	45.3	54.7	54.7	54.3	54.1	
LRT (%)	290	290	290	200	200	245	245	275	300	
BDT (%)	330	330	330	235	235	275	275	310	335	
FL Amp	13.4	26.8	28.8	30.8	15.4	15.9	31.8	15.6	15.5	
LR Amp	94.0	188.0	170.0	164.1	82.0	96.7	193.5	102.6	107.0	
SF Amp	16.6	33.2	33.2	33.2	16.59	16.59	33.2	16.6	16.59	
Eff. (1/4)	82	82.0	82	-	-	-	-	-	-	
Eff. (1/2)	89.2	89.2	89.2	-	-	-	-	-	-	
Eff. (3/4)	90.8	90.8	90.8	-	-	-	-	-	-	
Eff. (FL)	91	91.0	91	90.3	90.3	89.9	89.9	90.1	90.1	
Eff. (SF)	90.8	90.8	90.8	-	-	-	-	-	-	
Garanteed Eff	89.8	89.8	89.8	-	-	88.6	88.6	88.8	88.8	
PF (1/4)	36.0	36.0	36.0	-	-	-	-	-	-	
PF (1/2)	58.0	58.0	58.0	-	-	-	-	-	-	
PF (3/4)	70.0	70.0	70.0	-	-	-	-	-	-	
PF (FL)	77.0	77.0	77.0	82.0	82.0	79.0	79.0	77.0	74.0	
PF (SF)	81.0	81.0	81.0	-	-	-	-	-	-	
Service Factor	1.30	1.30	1.30	1.07	1.07	1.06	1.06	1.11	1.14	
NEMA Code Letter	J	J	J	F	F	H	H	J	J	
NEMA Design	A	A	A	A	A	A	A	A	A	
Max KVAR	6.8	6.8	6.8	5.8	5.8	6.4	6.4	6.9	7.5	
WK ² (Lb-Ft ²)	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	
Net Weight (lbs)	363	363	363	363	363	363	363	363	363	
Bearing (DE)	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	
Bearing (ODE)	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	
Noise Level (dBA)	70	70	70	70	70	70	70	70	70	

The Above Data is Typical, Sinewave Power Unless Noted Otherwise