

eLINE Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
ELP3P3D	460V	230V	208V	190V	380V	380V	190V	400V	415V
	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ
HP	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
KW	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
Frame	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC
Sync Speed	1200	1200	1200	1200	1200	1000	1000	1000	1000
FL Speed	1165	1165	1165	1140	1140	955	955	955	965
Torque (lb.ft)	13.5	13.5	13.5	13.7	13.7	16.4	16.4	0.0	16.2
LRT (%)	260	260	260	175	175	230	230	260	300
BDT (%)	360	360	360	225	225	275	275	305	335
FL Amp	4.2	8.4	9.2	8.8	4.4	4.9	9.8	4.4	4.4
LR Amp	32.0	64.0	57.9	47.6	23.8	29.1	58.2	31.2	33.0
SF Amp	6.7	13.4	13.4	13.4	6.7	6.7	13.4	6.7	6.7
Eff. (1/4)	80.9	80.9	80.9	-	-	-	-	-	-
Eff. (1/2)	88	88.0	88	-	-	-	-	-	-
Eff. (3/4)	89.5	89.5	89.5	-	-	-	-	-	-
Eff. (FL)	89.5	89.5	89.5	87	87	87.4	87.4	88.0	88.4
Eff. (SF)	88.9	88.9	88.9	-	-	-	-	-	-
Garanteed Eff	88.1	88.1	88.1	-	-	85.8	85.8	86.4	86.9
PF (1/4)	36.0	36.0	36.0	-	-	-	-	-	-
PF (1/2)	56.0	56.0	56.0	-	-	-	-	-	-
PF (3/4)	68.0	68.0	68.0	-	-	-	-	-	-
PF (FL)	74.0	74.0	74.0	81.0	81.0	79.0	79.0	77.0	74.0
PF (SF)	77.0	77.0	77.0	-	-	-	-	-	-
Service Factor	1.40	1.40	1.40	1.15	1.15	1.14	1.14	1.21	1.25
NEMA Code Letter	K	K	K	F	F	H	H	J	J
NEMA Design	B	B	B	-	-	B	B	B	B
Max KVAR	2.3	2.3	2.3	1.7	1.7	2.0	2.0	1.9	2.1
WK² (Lb-Ft²)	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45
Net Weight (lbs)	205	205	205	205	205	205	205	205	205
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)	65	65	65	65	65	65	65	65	65

The Above Data is Typical, Sinewave Power Unless Noted Otherwise