

eLINE Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
ELP10P2D	460V	230V	208V	190V	380V	380V	190V	400V	415V
	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	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC
Sync Speed	1800	1800	1800	1800	1800	1500	1500	1500	1500
FL Speed	1770	1770	1770	1745	1745	1460	1460	1465	1470
Torque (lb.ft)	29.6	29.6	29.6	30.9	30.9	36.9	36.9	36.5	36.5
LRT (%)	230	230	230	150	150	175	175	195	220
BDT (%)	280	280	280	190	190	215	215	240	265
FL Amp	12.5	25.0	26.9	29.2	14.6	14.8	29.4	14.5	14.4
LR Amp	87.0	174.0	157.4	135.2	67.6	78.7	157.4	83.1	88.8
SF Amp	16.1	32.2	32.2	32.2	16.1	16.1	32.2	16.1	16.1
Eff. (1/4)	84	84.0	84	-	-	-	-	-	-
Eff. (1/2)	90.4	90.4	90.4	-	-	-	-	-	-
Eff. (3/4)	91.7	91.7	91.7	-	-	-	-	-	-
Eff. (FL)	91.7	91.7	91.7	89.6	89.6	91.1	91.1	91.4	91.5
Eff. (SF)	91.6	91.6	91.6	-	-	-	-	-	-
Garanteed Eff	90.6	90.6	90.6	-	-	89.9	89.9	90.2	90.3
PF (1/4)	46.0	46.0	46.0	-	-	-	-	-	-
PF (1/2)	66.0	66.0	66.0	-	-	-	-	-	-
PF (3/4)	77.0	77.0	77.0	-	-	-	-	-	-
PF (FL)	82.0	82.0	82.0	86.0	86.0	84.0	84.0	82.0	78.0
PF (SF)	84.0	84.0	84.0	-	-	-	-	-	-
Service Factor	1.30	1.30	1.30	1.06	1.06	1.06	1.06	1.12	1.15
NEMA Code Letter	H	H	H	D	D	F	F	G	H
NEMA Design	A	A	A	-	-	-	-	-	A
Max KVAR	5.7	5.7	5.7	4.9	4.9	5.3	5.3	5.7	6.5
WK ² (Lb-Ft ²)	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Net Weight (lbs)	185	185	185	185	185	185	185	185	185
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)	74	74	74	74	74	74	74	74	74

The Above Data is Typical, Sinewave Power Unless Noted Otherwise