

eLINE Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
ELP25P2D	460V	230V	208V	190V	380V	380V	190V	400V	415V
	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ
HP	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
KW	18.70	18.70	18.70	18.70	18.70	18.70	18.70	18.70	18.70
Frame	284T / TC	284T / TC	284T / TC	284T / TC	284T / TC	284T / TC	284T / TC	284T / TC	284T / TC
Sync Speed	1800	1800	1800	1800	1800	1500	1500	1500	1500
FL Speed	1780	1780	1780	1765	1765	1475	1475	1475	1480
Torque (lb.ft)	73.7	73.7	73.7	75.9	75.9	90.9	90.9	90.3	90.2
LRT (%)	380	380	380	240	240	300	300	330	360
BDT (%)	420	420	420	275	275	325	325	365	395
FL Amp	30.5	61.0	64.6	72	36	36.3	72.6	34.7	33.9
LR Amp	300.0	600.0	542.6	474.6	237.3	282.1	564.2	295.5	309.6
SF Amp	35.7	71.5	71.5	71.5	35.74	36.3	72.6	35.7	35.74
Eff. (1/4)	85.6	85.6	85.6	-	-	-	-	-	-
Eff. (1/2)	91.6	91.6	91.6	-	-	-	-	-	-
Eff. (3/4)	93.1	93.1	93.1	-	-	-	-	-	-
Eff. (FL)	93.6	93.6	93.6	92.6	92.6	92.7	92.7	92.9	93.1
Eff. (SF)	93.5	93.5	93.5	-	-	-	-	-	-
Garanteed Eff	92.7	92.7	92.7	-	-	91.7	91.7	91.9	92.1
PF (1/4)	44.0	44.0	44.0	-	-	-	-	-	-
PF (1/2)	66.0	66.0	66.0	-	-	-	-	-	-
PF (3/4)	76.0	76.0	76.0	-	-	-	-	-	-
PF (FL)	82.0	82.0	82.0	85.0	85.0	84.0	84.0	83.0	82.0
PF (SF)	85.0	85.0	85.0	-	-	-	-	-	-
Service Factor	1.20	1.20	1.20	1.00	1.00	1.00	1.00	1.07	1.09
NEMA Code Letter	L	L	L	G	G	J	J	K	K
NEMA Design	A	A	A	A	A	A	A	A	A
Max KVAR	13.9	13.9	13.9	12.5	12.5	13.0	13.0	13.4	13.9
WK ² (Lb-Ft ²)	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59
Net Weight (lbs)	397	397	397	397	397	397	397	397	397
Bearing (DE)	6311 2Z	6311 2Z	6311 2Z	6311 2Z	6311 2Z	6311 2Z	6311 2Z	6311 2Z	6311 2Z
Bearing (ODE)	6311 2Z	6311 2Z	6311 2Z	6311 2Z	6311 2Z	6311 2Z	6311 2Z	6311 2Z	6311 2Z
Noise Level (dBA)	78	78	78	78	78	78	78	78	78

The Above Data is Typical, Sinewave Power Unless Noted Otherwise