

eLINE Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
ELP1P2D	460V	230V	208V	190V	380V	380V	190V	400V	415V
	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ
HP	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
KW	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Frame	143T / TC	143T / TC	143T / TC	143T / TC	143T / TC	143T / TC	143T / TC	143T / TC	143T / TC
Sync Speed	1800	1800	1800	1800	1800	1500	1500	1500	1500
FL Speed	1765	1765	1765	1740	1740	1450	1450	1455	1460
Torque (lb.ft)	3.0	3.0	3.0	3.1	3.1	3.7	3.7	3.6	3.6
LRT (%)	300	300	300	180	180	215	215	240	270
BDT (%)	320	320	320	210	210	235	235	260	280
FL Amp	1.4	2.8	2.9	3	1.5	1.6	3.2	1.6	1.6
LR Amp	12.9	25.8	23.3	20.2	10.1	11.2	22.4	11.8	12.5
SF Amp	1.8	3.6	3.6	3.6	1.8	1.8	3.6	1.8	1.8
Eff. (1/4)	70.5	70.5	70.5	-	-	-	-	-	-
Eff. (1/2)	81.3	81.3	81.3	-	-	-	-	-	-
Eff. (3/4)	84.5	84.5	84.5	-	-	-	-	-	-
Eff. (FL)	85.5	85.5	85.5	84.3	84.3	83.8	83.8	84.0	84.0
Eff. (SF)	85.4	85.4	85.4	-	-	-	-	-	-
Garanteed Eff	83.7	83.7	83.7	-	-	81.8	81.8	82.0	82.0
PF (1/4)	37.0	37.0	37.0	-	-	-	-	-	-
PF (1/2)	57.0	57.0	57.0	-	-	-	-	-	-
PF (3/4)	70.0	70.0	70.0	-	-	-	-	-	-
PF (FL)	78.0	78.0	78.0	88.0	88.0	84.0	84.0	81.0	78.0
PF (SF)	83.0	83.0	83.0	-	-	-	-	-	-
Service Factor	1.40	1.40	1.40	1.15	1.15	1.16	1.16	1.21	1.24
NEMA Code Letter	M	M	M	H	H	J	J	K	K
NEMA Design	B	B	B	-	-	-	-	-	-
Max KVAR	0.7	0.7	0.7	0.5	0.5	0.6	0.6	0.7	0.7
WK ² (Lb-Ft ²)	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Net Weight (lbs)	53	53	53	53	53	53	53	53	53
Bearing (DE)	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z
Bearing (ODE)	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z	6205 2Z
Noise Level (dBA)	64	64	64	64	64	64	64	64	64

The Above Data is Typical, Sinewave Power Unless Noted Otherwise