

eLINE Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
ELP2P3D	460V	230V	208V	190V	380V	380V	190V	400V	415V
	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ
HP	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
KW	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Frame	184T / TC	184T / TC	184T / TC	184T / TC	184T / TC	184T / TC	184T / TC	184T / TC	184T / TC
Sync Speed	1200	1200	1200	1200	1200	1000	1000	1000	1000
FL Speed	1170	1170	1170	1145	1145	950	950	960	965
Torque (lb.ft)	9.0	9.0	9.0	9.3	9.3	11.1	11.1	0.0	10.9
LRT (%)	200	200	200	125	125	180	180	180	210
BDT (%)	300	300	300	210	210	260	260	260	280
FL Amp	3	6.0	6.8	7	3.5	3.5	7	3.4	3.3
LR Amp	25.0	50.0	45.2	41.6	20.8	22.5	45.0	24.1	25.7
SF Amp	4.1	8.1	8.1	8.1	4.07	4.07	8.1	4.1	4.07
Eff. (1/4)	79.3	79.3	79.3	-	-	-	-	-	-
Eff. (1/2)	86.9	86.9	86.9	-	-	-	-	-	-
Eff. (3/4)	88.6	88.6	88.6	-	-	-	-	-	-
Eff. (FL)	88.5	88.5	88.5	85.9	85.9	85.4	85.4	86.5	87.2
Eff. (SF)	87.5	87.5	87.5	-	-	-	-	-	-
Garanteed Eff	87.0	87.0	87.0	-	-	83.6	83.6	84.8	85.6
PF (1/4)	32.0	32.0	32.0	-	-	-	-	-	-
PF (1/2)	51.0	51.0	51.0	-	-	-	-	-	-
PF (3/4)	64.0	64.0	64.0	-	-	-	-	-	-
PF (FL)	72.0	72.0	72.0	75.0	75.0	75.0	75.0	74.0	73.0
PF (SF)	76.0	76.0	76.0	-	-	-	-	-	-
Service Factor	1.40	1.40	1.40	1.14	1.14	1.13	1.13	1.18	1.23
NEMA Code Letter	L	L	L	H	H	J	J	K	L
NEMA Design	B	B	B	-	-	B	B	B	B
Max KVAR	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.6	1.6
WK² (Lb-Ft²)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
Net Weight (lbs)	98	98	98	98	98	98	98	98	98
Bearing (DE)	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z
Bearing (ODE)	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z	6306 2Z
Noise Level (dBA)	65	65	65	65	65	65	65	65	65

The Above Data is Typical, Sinewave Power Unless Noted Otherwise