

eLINE Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
ELP32P1D	460V	230V	208V	190V	380V	380V	190V	400V	415V
	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ
HP	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
KW	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
Frame	143T / TC	143T / TC	143T / TC	143T / TC	143T / TC	143T / TC	143T / TC	143T / TC	143T / TC
Sync Speed	3600	3600	3600	3600	3600	3000	3000	3000	3000
FL Speed	3540	3540	3540	3495	3495	2915	2915	2925	2930
Torque (lb.ft)	2.3	2.3	2.3	2.3	2.3	2.8	2.8	2.7	2.7
LRT (%)	350	350	350	220	220	270	270	290	320
BDT (%)	410	410	410	270	270	305	305	340	340
FL Amp	2.1	4.3	4.3	5	2.5	2.5	5	2.4	2.4
LR Amp	20.0	40.0	36.2	32.7	16.4	18.3	36.5	18.8	19.9
SF Amp	2.8	5.6	5.6	5.6	2.82	2.82	5.6	2.8	2.82
Eff. (1/4)	69	69.0	69	-	-	-	-	-	-
Eff. (1/2)	79.8	79.8	79.8	-	-	-	-	-	-
Eff. (3/4)	83.2	83.2	83.2	-	-	-	-	-	-
Eff. (FL)	84	84.0	84	81.5	81.5	82.7	82.7	83.1	83.2
Eff. (SF)	84	84.0	84	-	-	-	-	-	-
Garanteed Eff	82.0	82.0	82.0	-	-	80.6	80.6	81.0	81.2
PF (1/4)	38.0	38.0	38.0	-	-	-	-	-	-
PF (1/2)	57.0	57.0	57.0	-	-	-	-	-	-
PF (3/4)	69.0	69.0	69.0	-	-	-	-	-	-
PF (FL)	78.0	78.0	78.0	84.0	84.0	82.0	82.0	80.0	78.0
PF (SF)	83.0	83.0	83.0	-	-	-	-	-	-
Service Factor	1.40	1.40	1.40	1.13	1.13	1.13	1.13	1.20	1.24
NEMA Code Letter	M	M	M	J	J	K	K	K	L
NEMA Design	B	B	B	B	B	B	B	B	B
Max KVAR	1.0	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.1
WK² (Lb-Ft²)	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Net Weight (lbs)	56	56	56	56	56	56	56	56	56
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)	80	80	80	80	80	80	80	80	80

The Above Data is Typical, Sinewave Power Unless Noted Otherwise