

eLINE Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
ELP32P3D	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	182T / TC	182T / TC	182T / TC	182T / TC	182T / TC	182T / TC	182T / TC	182T / TC	182T / TC
Sync Speed	1200	1200	1200	1200	1200	1000	1000	1000	1000
FL Speed	1170	1170	1170	1145	1145	960	960	960	970
Torque (lb.ft)	6.7	6.7	6.7	6.9	6.9	8.2	8.2	8.1	8.1
LRT (%)	190	190	190	130	130	150	150	170	195
BDT (%)	280	280	280	175	175	215	215	240	265
FL Amp	2.4	4.8	4.8	5.4	2.7	2.7	5.4	2.7	2.7
LR Amp	14.0	28.0	25.3	20.7	10.4	12.7	25.4	13.6	14.4
SF Amp	3	6.0	6	6	3	3	6	3.0	3
Eff. (1/4)	75.4	75.4	75.4	-	-	-	-	-	-
Eff. (1/2)	84.5	84.5	84.5	-	-	-	-	-	-
Eff. (3/4)	86.9	86.9	86.9	-	-	-	-	-	-
Eff. (FL)	87.5	87.5	87.5	85	85	85.4	85.4	86.0	86.4
Eff. (SF)	87	87.0	87	-	-	-	-	-	-
Garanteed Eff	85.9	85.9	85.9	-	-	83.6	83.6	84.2	84.7
PF (1/4)	29.0	29.0	29.0	-	-	-	-	-	-
PF (1/2)	47.0	47.0	47.0	-	-	-	-	-	-
PF (3/4)	59.0	59.0	59.0	-	-	-	-	-	-
PF (FL)	68.0	68.0	68.0	75.0	75.0	73.0	73.0	71.0	68.0
PF (SF)	73.0	73.0	73.0	-	-	-	-	-	-
Service Factor	1.40	1.40	1.40	1.10	1.10	1.10	1.10	1.16	1.21
NEMA Code Letter	J	J	J	E	E	E	E	G	H
NEMA Design	B	B	B	-	-	-	-	-	B
Max KVAR	1.4	1.4	1.4	1.2	1.2	1.2	1.2	1.3	1.4
WK ² (Lb-Ft ²)	0.4	0.40	0.4	0.4	0.4	0.4	0.4	0.40	0.4
Net Weight (lbs)	85	85	85	85	85	85	85	85	85
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)	63	63	63	63	63	63	63	63	63

The Above Data is Typical, Sinewave Power Unless Noted Otherwise