

eLINE Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
ELP20P2D	460V	230V	208V	190V	380V	380V	190V	400V	415V
	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ
HP	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
KW	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
Frame	256T / TC	256T / TC	256T / TC	256T / TC	256T / TC	256T / TC	256T / TC	256T / TC	256T / TC
Sync Speed	1800	1800	1800	1800	1800	1500	1500	1500	1500
FL Speed	1775	1775	1775	1760	1760	1465	1465	1470	1475
Torque (lb.ft)	59.1	59.1	59.1	61.1	61.1	72.9	72.9	72.5	72.2
LRT (%)	380	380	380	240	240	300	300	330	365
BDT (%)	450	450	450	295	295	360	360	390	420
FL Amp	22.9	45.8	48.6	54.6	27.3	27.5	55	26.3	25.6
LR Amp	230.0	460.0	416.0	369.2	184.6	218.6	437.1	229.2	240.0
SF Amp	29.1	58.2	58.2	58.8	29.1	29.1	58.8	29.1	27.1
Eff. (1/4)	85.9	85.9	85.9	-	-	-	-	-	-
Eff. (1/2)	91.4	91.4	91.4	-	-	-	-	-	-
Eff. (3/4)	92.7	92.7	92.7	-	-	-	-	-	-
Eff. (FL)	93	93.0	93	92.1	92.1	92	92	92.3	92.4
Eff. (SF)	92.7	92.7	92.7	-	-	-	-	-	-
Garanteed Eff	92.0	92.0	92.0	-	-	90.9	90.9	91.2	91.4
PF (1/4)	55.0	55.0	55.0	-	-	-	-	-	-
PF (1/2)	76.0	76.0	76.0	-	-	-	-	-	-
PF (3/4)	84.0	84.0	84.0	-	-	-	-	-	-
PF (FL)	88.0	88.0	88.0	90.0	90.0	90.0	90.0	89.0	88.0
PF (SF)	90.0	90.0	90.0	-	-	-	-	-	-
Service Factor	1.20	1.20	1.20	1.05	1.05	1.06	1.06	1.11	1.15
NEMA Code Letter	L	L	L	G	G	J	J	J	K
NEMA Design	A	A	A	A	A	A	A	A	A
Max KVAR	8.7	8.7	8.7	7.8	7.8	7.9	7.9	8.3	8.7
WK ² (Lb-Ft ²)	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57
Net Weight (lbs)	390	390	390	390	390	390	390	390	390
Bearing (DE)	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z
Bearing (ODE)	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z	6309 2Z
Noise Level (dBA)	77	77	77	77	77	77	77	77	77

The Above Data is Typical, Sinewave Power Unless Noted Otherwise