

eLINE Nema Premium Motor Performances



Catalog Number	60 HZ Original Motor		60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
	460V	230V	208V	190V	380V	380V	190V	400V	415V	
ELP7P1D	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ	
HP	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	
KW	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	
Frame	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	213T / TC	
Sync Speed	3600	3600	3600	3600	3600	3000	3000	3000	3000	
FL Speed	3525	3525	3525	3480	3480	2900	2900	2910	2920	
Torque (lb.ft)	11.2	11.2	11.2	11.6	11.6	13.8	13.8	13.7	13.7	
LRT (%)	290	290	290	190	190	240	240	270	290	
BDT (%)	315	315	315	210	210	240	240	270	290	
FL Amp	8.5	17.0	18.6	20.6	10.3	10.4	20.8	9.8	9.5	
LR Amp	76.0	152.0	137.5	123.6	61.8	73.5	147.0	77.5	80.6	
SF Amp	10.9	21.8	21.8	21.8	10.9	10.9	21.8	10.9	10.9	
Eff. (1/4)	82.5	82.5	82.5	-	-	-	-	-	-	
Eff. (1/2)	88.7	88.7	88.7	-	-	-	-	-	-	
Eff. (3/4)	90	90.0	90	-	-	-	-	-	-	
Eff. (FL)	89.5	89.5	89.5	88.3	88.3	88.1	88.1	88.7	89.0	
Eff. (SF)	89.4	89.4	89.4	-	-	-	-	-	-	
Garanteed Eff	88.1	88.1	88.1	-	-	86.6	86.6	87.2	87.6	
PF (1/4)	61.0	61.0	61.0	-	-	-	-	-	-	
PF (1/2)	81.0	81.0	81.0	-	-	-	-	-	-	
PF (3/4)	89.0	89.0	89.0	-	-	-	-	-	-	
PF (FL)	92.0	92.0	92.0	93.0	93.0	93.0	93.0	93.0	92.0	
PF (SF)	94.0	94.0	94.0	-	-	-	-	-	-	
Service Factor	1.30	1.30	1.30	1.05	1.05	1.05	1.05	1.10	1.15	
NEMA Code Letter	K	K	K	F	F	H	H	J	J	
NEMA Design	A	A	A	A	A	A	A	A	A	
Max KVAR	2.7	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.7	
WK ² (Lb-Ft ²)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	
Net Weight (lbs)	159	159	159	159	159	159	159	159	159	
Bearing (DE)	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	
Bearing (ODE)	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	
Noise Level (dBA)	78	78	78	78	78	78	78	78	78	

The Above Data is Typical, Sinewave Power Unless Noted Otherwise