

MOTOR PERFORMANCE

Model Number:	DI=178196
Status:	PUB
Motor Type:	JTCE
Frame:	5813
MPI:	322977
HP:	1500.00
POLES:	2
VOLTS:	4160
HZ:	60
SERVICE FACTOR:	1.15
EFFICIENCY (%):	
S.F.	96.3
FULL	96.2
3/4	96.5
1/2	95.9
1/4	93.3
POWER FACTOR (%):	
S.F.	91.5
FULL	91.1
3/4	89.1
1/2	83.6
1/4	65.3
NO LOAD	5.3
LOCKED ROTOR	16.7
AMPS:	
S.F.	202.0
FULL	177.0
3/4	135.0
1/2	97.0
1/4	64.0
NO LOAD	47.1
LOCKED ROTOR	1482.0
NEMA CODE LETTER	J
NEMA DESIGN LETTER	#
FULL LOAD RPM	3585
NEMA NOMINAL / EFFICIENCY (%)	96.2
GUARANTEED EFFICIENCY (%)	95.4
MAX KVAR	288.5
AMBIENT (°C)	40
ALTITUDE (FASL)	3300
SOUND PRESSURE (DBA @ 1M)	82.0
TORQUES:	
BREAKDOWN{% F.L.}	200
LOCKED ROTOR{% F.L.}	90
FULL LOAD{LB-FT}	2198.4
SAFE STALL TIME-HOT (SEC)	6

NEMA Nominal and Guaranteed Efficiencies are up to 3,300 feet above sea level and 25 ° C ambient.

The Above Data Is Typical, Sinewave Power Unless Noted Otherwise

NIDEC MOTOR CORPORATION
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