

MOTOR PERFORMANCE

MODEL NO.	CATALOG NO.	PHASE	TYPE	FRAME	
NA	8D7P1C-P	3	CE	213T	
ORDER NO.		21704264	LINE NO.		100
MPI:					304643
HP:					7.5
POLES:					2
VOLTS:					460
HZ:					60
SERVICE FACTOR:					1.15
EFFICIENCY (%):					
S.F.					89.3
FULL					90.2
3/4					90.9
1/2					90.2
1/4					85.9
POWER FACTOR (%):					
S.F.					86.5
FULL					86
3/4					83.5
1/2					76.4
1/4					57.4
NO LOAD					7.9
LOCKED ROTOR					36.2
AMPS:					
S.F.					10.3
FULL					9
3/4					6.9
1/2					5
1/4					3.5
NO LOAD					2.9
LOCKED ROTOR					62.7
NEMA CODE LETTER					H
NEMA DESIGN LETTER					B
FULL LOAD RPM					3523
NEMA NOMINAL / EFFICIENCY (%)					90.2
GUARANTEED EFFICIENCY (%)					88.5
MAX KVAR					2
AMBIENT (°C)					41
ALTITUDE (FASL)					3300
SAFE STALL TIME-HOT (SEC)					24
SOUND PRESSURE (DBA @ 1M)					65
TORQUES:					
BREAKDOWN{% F.L.}					284
LOCKED ROTOR{% F.L.}					201
FULL LOAD{LB-FT}					11.2

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
ST. LOUIS, MO



Nidec trademarks followed by the ® symbol are registered with the U.S. Patent and Trademark Office.



DATE: 11/22/21

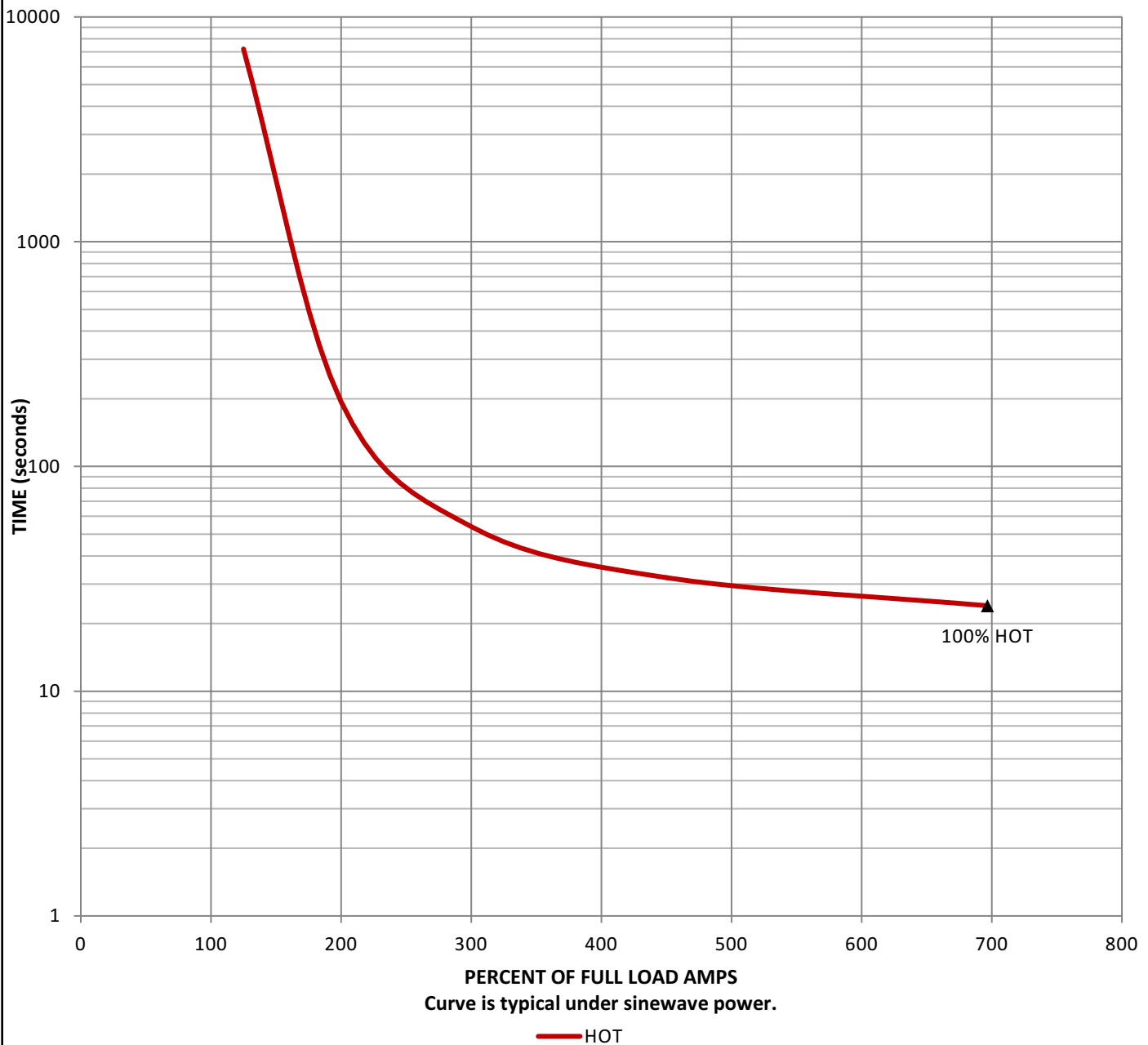
Customer: MOTORES US DE MEXICO SA DE Order No.: 21704264-100

HP: 7.5
Poles: 2
MPI: 304643

Frequency: 60
FL Amps: 9
Frame: 213T

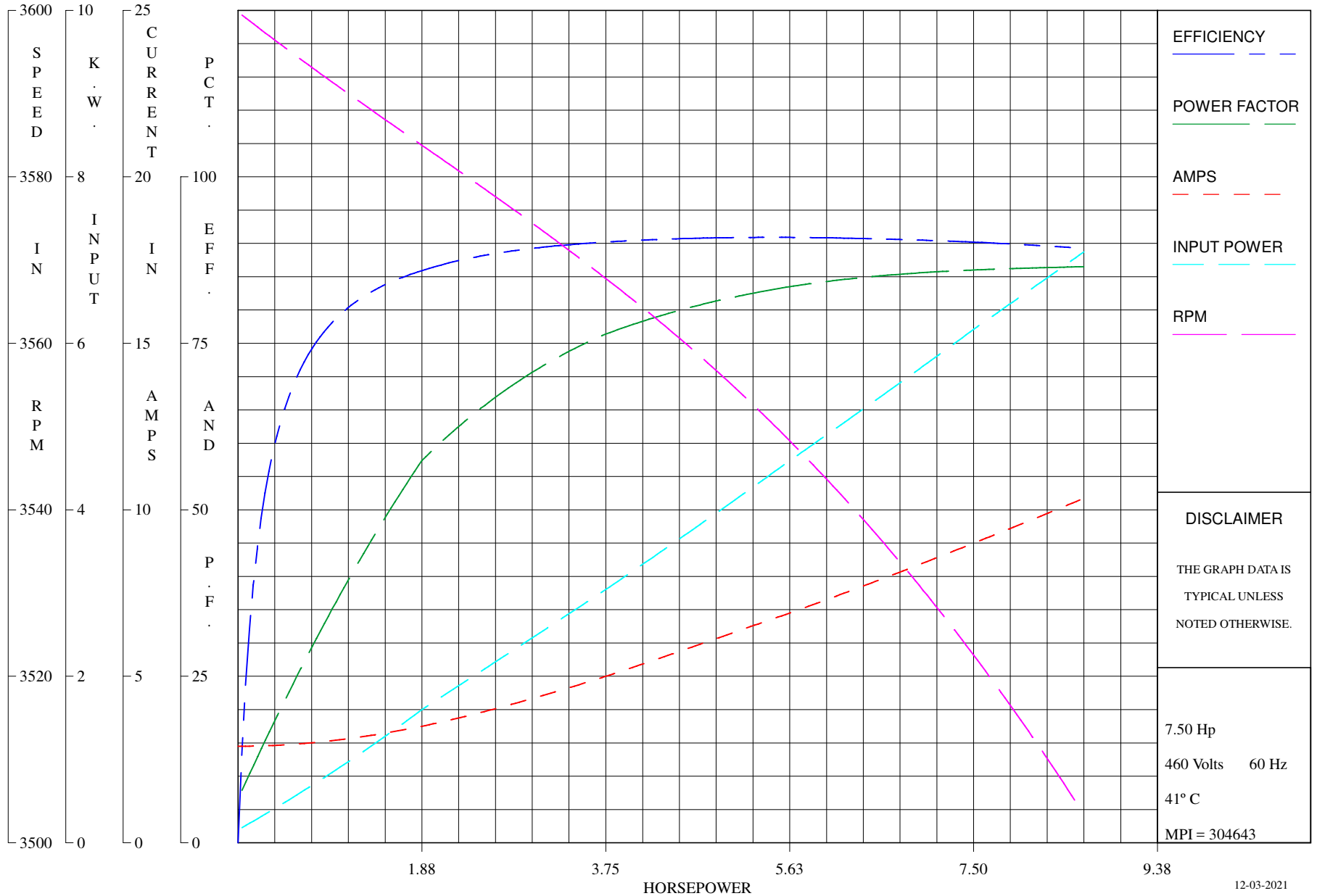
Volts: 460
FL RPM: 3523
Type: CE

SAFE STALL TIME (HOT) / THERMAL LIMIT CURVE



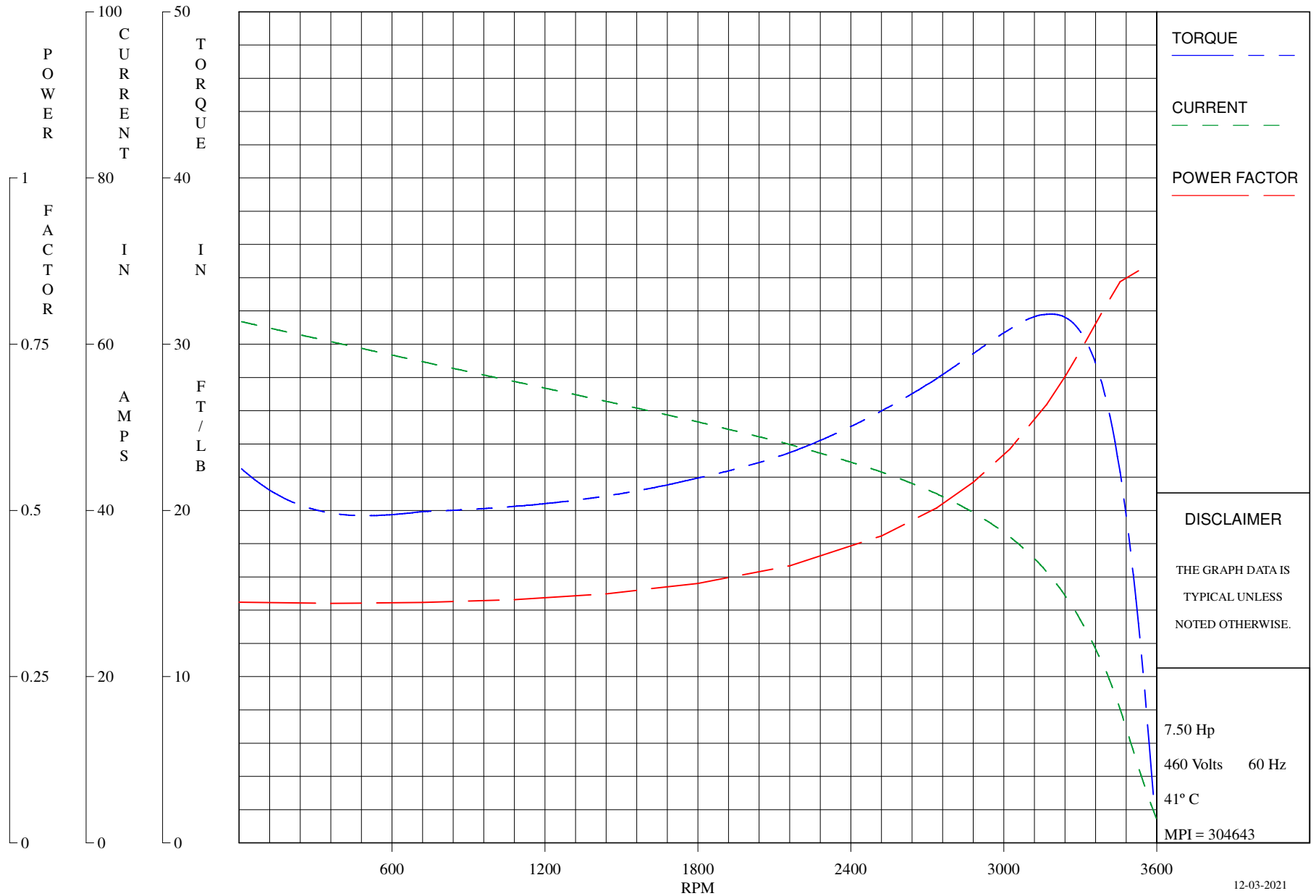


Performance vs Horsepower





Torque, Current, PF vs RPM



12-03-2021