

## MOTOR PERFORMANCE

MODEL NO.	CATALOG NO.	PHASE	TYPE	FRAME
DY94	U7P3H	3		NA
ORDER NO.		NA	LINE NO.	
MPI:				116040
HP:				7.5
POLES:				6
VOLTS:				200
HZ:				60
SERVICE FACTOR:				1.15
EFFICIENCY (%):				
			S.F.	91.3
			FULL	91.7
			3/4	92
			1/2	91.1
			1/4	86.3
POWER FACTOR (%):				
			S.F.	82.6
			FULL	80.8
			3/4	75.7
			1/2	65.2
			1/4	43.2
			NO LOAD	5.5
			LOCKED ROTOR	43.3
AMPS:				
			S.F.	24.6
			FULL	21.8
			3/4	17.4
			1/2	13.6
			1/4	10.8
			NO LOAD	9.8
			LOCKED ROTOR	144.2
NEMA CODE LETTER				H
NEMA DESIGN LETTER				B
FULL LOAD RPM				1185
NEMA NOMINAL / EFFICIENCY (%)				91.7
GUARANTEED EFFICIENCY (%)				90.2
MAX KVAR				2.9
AMBIENT (°C)				40
ALTITUDE (FASL)				3300
SAFE STALL TIME-HOT (SEC)				30
SOUND PRESSURE (DBA @ 1M)				56
TORQUES:				
			BREAKDOWN{% F.L.}	303
			LOCKED ROTOR{% F.L.}	213
			FULL LOAD{LB-FT}	33.3

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

