

MOTOR PERFORMANCE

MODEL NO.	CATALOG NO.	PHASE	TYPE	FRAME
FH50	HW15V2E2	3	CTI	254T

ORDER NO.	23742	LINE NO.
-----------	-------	----------

MPI:	62336	62337	65669	65670
HP:	15	15	15	15
POLES:	4	4	4	4
VOLTS:	460	230	380	190
HZ:	60	60	50	50
SERVICE FACTOR:	1.15	1.15	1	1
EFFICIENCY (%):				
S.F.	92	92		
FULL	92.4	92.4	90.4	90.4
3/4	93.4	93.4	92.4	92.4
1/2	92.9	92.9	93.1	93.1
1/4	89.4	89.4	91.1	91.1
POWER FACTOR (%):				
S.F.	83.6	83.6		
FULL	82.7	82.7	84.3	84.3
3/4	79.3	79.3	82.5	82.5
1/2	70.6	70.6	76.1	76.1
1/4	49.6	49.6	56.8	56.8
NO LOAD	5.1	5.1	4.9	4.9
LOCKED ROTOR	45.3	45.3	46.9	46.9
AMPS:				
S.F.	21	42		
FULL	18.4	37	22.4	45
3/4	14.2	28.5	16.7	33
1/2	10.7	21.4	12	24
1/4	7.9	15.8	8.2	16.4
NO LOAD	6.8	13.6	6.6	13.2
LOCKED ROTOR	111	222	103	205
NEMA CODE LETTER	G	G	E	E
NEMA DESIGN LETTER	B	B	B	B
FULL LOAD RPM	1775	1775	1465	1465
NEMA NOMINAL / EFFICIENCY (%)	92.4	92.4	90.4	90.4
GUARANTEED EFFICIENCY (%)	91	91	88.5	88.5
MAX KVAR	4.6	4.6	3.7	3.7
AMBIENT (°C)	40	40	40	40
ALTITUDE (FASL)	3300	3300	3300	3300
SAFE STALL TIME-HOT (SEC)	30	30	30	30
SOUND PRESSURE (DBA @ 1M)	0	0	63	63
TORQUES:				
BREAKDOWN{% F.L.}	247	247	196	196
LOCKED ROTOR{% F.L.}	231	231	175	175
FULL LOAD{LB-FT}	44.4	44.4	53.8	53.8

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.