

MOTOR PERFORMANCE

MODEL NO.	CATALOG NO.	PHASE	TYPE	FRAME
FH57	HW25V2E2	3	CTI	284T

ORDER NO.	23757	LINE NO.
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MPI:		72636	72637	72638	72639
HP:		25	25	25	25
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.	93.1	93.1		
	FULL	93.6	93.6	92	92
	3/4	93.9	93.9	93.4	93.4
	1/2	93.3	93.3	93.8	93.8
	1/4	89.7	89.7	91.6	91.6
POWER FACTOR (%):					
	S.F.	84.9	84.9		
	FULL	83.8	83.8	85.7	85.7
	3/4	79.9	79.9	83.5	83.5
	1/2	70.9	70.9	76.6	76.6
	1/4	49.8	49.8	57	57
	NO LOAD	5.1	5.1	4.7	4.7
	LOCKED ROTOR	38.5	38.5	40.1	40.1
AMPS:					
	S.F.	34	68		
	FULL	29.8	60	36	72
	3/4	23.4	47	27.2	54
	1/2	17.7	35	19.7	39
	1/4	13.1	26.2	13.6	27.1
	NO LOAD	11.3	22.5	10.9	21.8
	LOCKED ROTOR	190	380	179	359
NEMA CODE LETTER		G	G	E	E
NEMA DESIGN LETTER		B	B	B	B
FULL LOAD RPM		1775	1775	1470	1470
NEMA NOMINAL / EFFICIENCY (%)		93.6	93.6	92	92
GUARANTEED EFFICIENCY (%)		92.4	92.4	90.2	90.2
MAX KVAR		7.7	7.6	6.1	6.1
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	0	0
TORQUES:					
	BREAKDOWN{% F.L.}	284	284	225	225
	LOCKED ROTOR{% F.L.}	208	208	160	160
	FULL LOAD{LB-FT}	73.9	73.9	89.4	89.4

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



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