

4160 V Westinghouse World Series Induction Motor - 500 HP

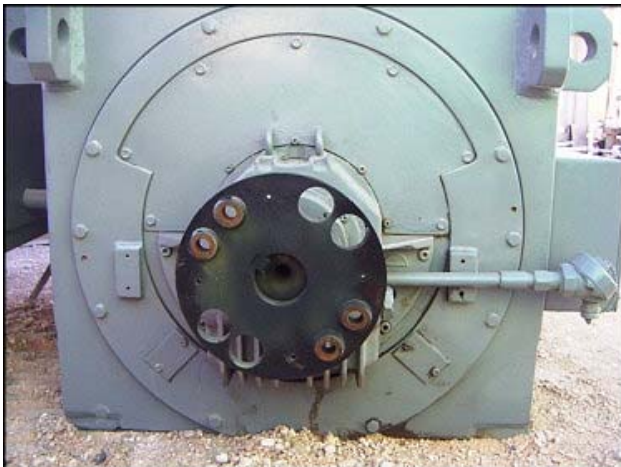
Mfg: Westinghouse

Model:

Stock No: DTTC2062A

Serial No: 5806AA-1

4160 V Westinghouse World Series Induction Motor - 500 HP. S/N: 5806AA-1. Motor specifications: 3576rpm, 4160V, 65 amps, 60 Hz, 3 phase, Frame 3506, Enclosure ODP. Space heater: 110/220 V, 1.7/8 amps, single phase. Shaft extension from Bearing face: 4 ½ in. Shaft overall extension from face of motor: 11 in. Shaft diameter: 2-3/8 in. Overall dimensions: 4 ft. 7 ½ in. L x 5 ft. 4 ½ in. W x 3 ft. 8 in. H.





WORLD SERIES			
HP	600	ENCL.	ODP
HZ	60	3 PHASE	VOLTS 4160
RPM	3676	LOCKED KVA CODE	
TIME	CONTIN.	1.15	SERVICE FACTOR
WT. LBS. 3160		SERIAL 5806AA-1	
WESTINGHOUSE MOTOR COMPANY ROUND ROCK TEXAS 9857			

INDUCTION MOTOR			
ENCL.	ODP	FRAME	3005
VOLTS	4160	F.L. AMPS	38
LOCKED KVA CODE	G	INS CL	AMBIENT 40°C
1.15	SERVICE FACTOR	CAUTION: BEFORE INSTALLING OR OPERATING READ INSTRUCTIONS.	
SERIAL 5806AA-1		DATE CODE	

ROTOR END PLAY

COUPLING MUST LIMIT END PLAY TO .19 TOTAL

ALIGN MOTOR SO THAT .19 SHAFT MOTION OCCURS MIDWAY BETWEEN LIMITS SHOWN BELOW

DIMENSION FROM SHAFT SHOULDER TO BEARING HOUSING WITH

MAX ROTOR FLOAT OUT 3.240 IN

MAX ROTOR FLOAT IN 2.720 IN

ROTOR IS AT MAGNETIC CENTER WHEN SHAFT SHOULDER ALIGNS WITH POINTER WHEN FURNISHED 1864B75H01

SPACE HEATER

MAX ROTOR FLOAT OUT 3.240 IN

MAX ROTOR FLOAT IN 2.720 IN

ROTOR IS AT MAGNETIC CENTER WHEN SHAFT SHOULDER ALIGNS WITH POINTER WHEN FURNISHED 1864B75H01

SPACE HEATER

VOLTS 110/220 AMPS 17.8 PHASE 1

DE-ENERGIZE SPACE HEATER BEFORE WORKING ON MACHINE

1864B90H01 MOTOR

CAUTION

With rated voltage & frequency - within NEMA limits at motor terminals and with connected load inertia not exceeding value shown below, the following starting duty should not be exceeded:

LOAD INERTIA AT MOTOR SHAFT 880 LB. FT.²

MOTOR COLD CONSECUTIVE STARTS

MOTOR AT OPERATING TEMP. CONSECUTIVE STARTS

SUBSEQUENT STARTS WITH MOTOR RUNNING BETWEEN STARTS 30 MINUTES APART

SUBSEQUENT STARTS WITH MOTOR STANDING BETWEEN STARTS 45 MINUTES APART

STARTS SHOULD NOT AVERAGE MORE THAN PER DAY THROUGHOUT THE LIFE OF THE MOTOR

1864B71H01 **LUBRICATION**

OIL USE TURBINE GRADE 40-60 SSSU AT 100°F. POUR POINT 10°F. BELOW MIN. AMBIENT

BEARING REPLACEMENT FRONT: 2WJ953129M858 REAR: 4WJ164129M858

NUMBERS

WARNING-TO PREVENT BEARING DAMAGE

MAX. CENTER OF GAUGE GLASS STANDSTILL

5° BELOW CENTER OF GAUGE GLASS