



WORLDWIDE ELECTRIC MOTOR DATA SHEET



WWE250-12-449T-F2

HORSEPOWER	250		
RPM / POLES	1200 / 6		
VOLTAGE / PHASE	460 V / 3		
FRAME	449T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP54		
FREQUENCY	60 HZ		
FULL LOAD SPEED	1192 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS	300 A		
LOCKED ROTOR AMPS (STARTING)	1716.4 A		
NO LOAD CURRENT	113.7 A		
NEMA CODE LETTER	F		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	95.4%	0.82
	75%	95.6%	0.77
	50%	94.9%	0.69
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	1093 lb.ft.	188%	279%
SLIP	0.68%		
NEMA DESIGN	B		
MOMENT OF INERTIA	86.000 lb.ft. ²		
SOUND PRESSURE LEVEL	84 dB(A)		
MAX. TIME LOCKED ROTOR (Hot)	20 Seconds		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft. Above Sea Level		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	NU320		
ODE BEARING	6320		
REGREASING INT. - DE BEARING	3,500 Hours (1.82 oz.)		
REGREASING INT. - ODE BEARING	3,800 Hours (1.61 oz.)		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F2		
ROTATION	Bi-Directional		
C FLANGE	---		
D FLANGE	---		
CONNECTION DIAGRAM	460 V - 6 Lead Y/Δ		
SHAFT MATERIAL	4140 Carbon Steel		
APPROX. WEIGHT	2750 lbs.		
INVERTER RATING	2:1 CT / 5:1 VT PWM Type		



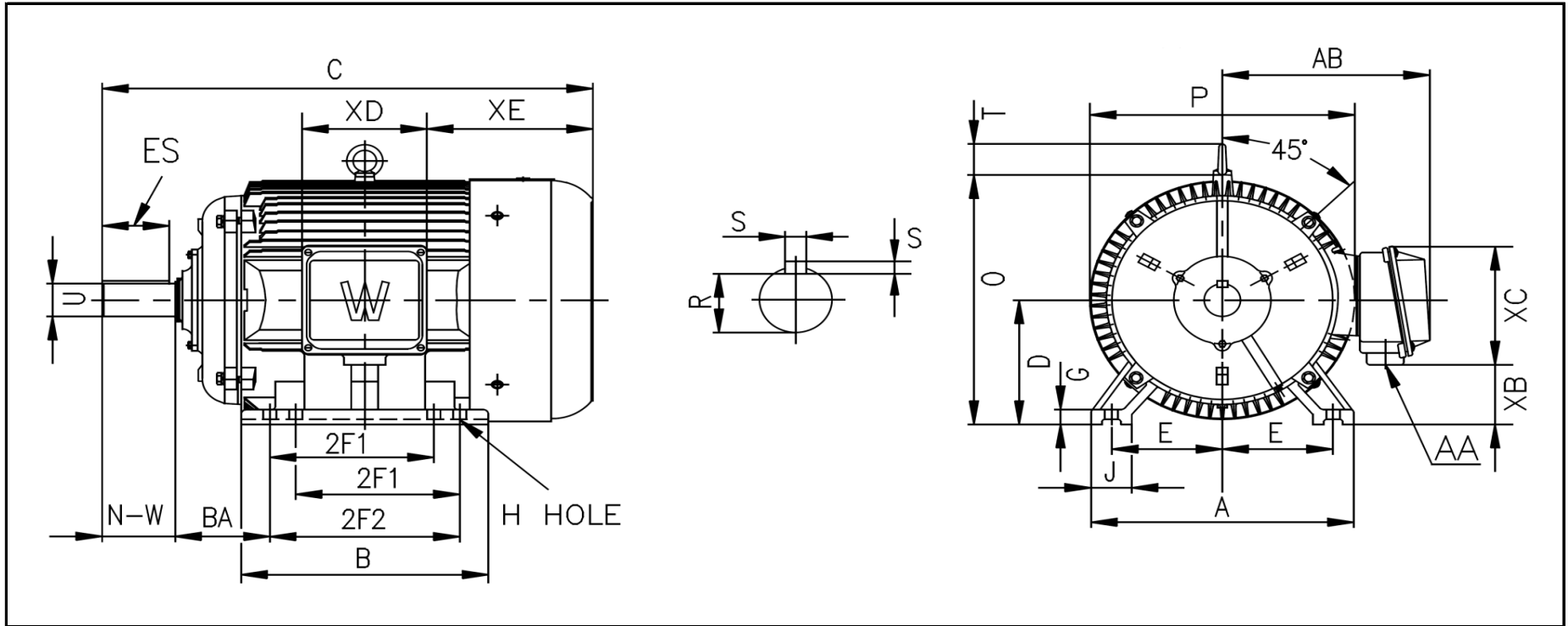
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WORLDWIDE ELECTRIC MOTOR DRAWING

WWE-449T-F2



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	AB
E	2F1	2F2	H	BA										
9	25	---	0.81	7.5	22	31	55.51	11	1.575	3.35	24	23	4.25	19.07

KEY		KEYSET	SHAFT		TERMINAL BOX				
S	ES	R	N-W	U	AA	XB	XC	XD	XE
0.875	7.01	2.88	8.5	3.375	2 x 3	4.74	---	---	20