



WORLDWIDE ELECTRIC MOTOR DATA SHEET

SS50-12-404T



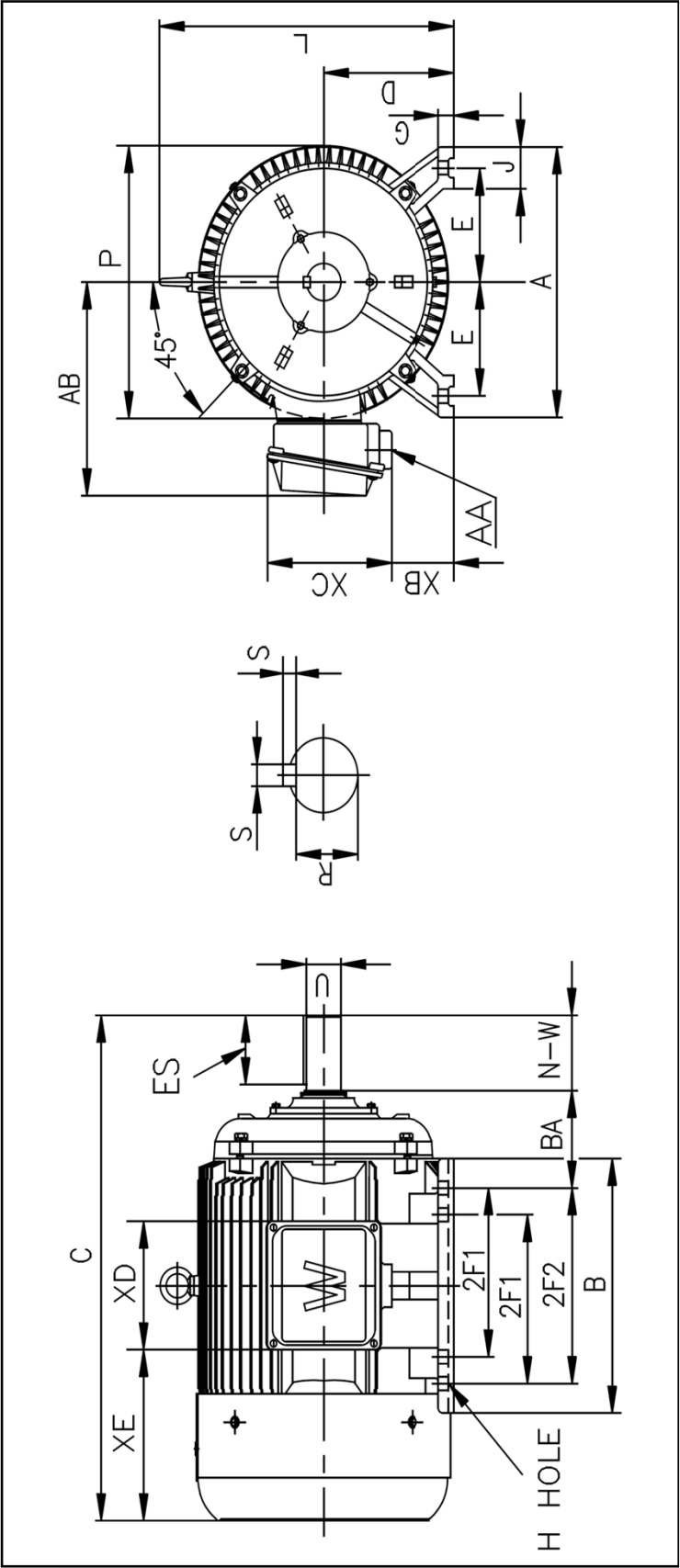
HP	50	
RPM / POLES	1200 / 6	
VOLTAGE / PHASE	230/460/796 V / 3 PH	
FRAME	404T	
ENCLOSURE	TEFC (IP54)	
FREQUENCY	60 HZ	
RATED SPEED	1130 RPM	
FULL LOAD AMPS	120 / 60.0 / 34.7 A	
DUTY CYCLE	CONTINUOUS	
SERVICE FACTOR	1.15	
INSULATION CLASS	F	
AMBIENT TEMP.	40° C	
ALTITUDE	3300 FT.	
TEMP. RISE @ FULL LOAD	80° C	
DESIGN	D	
RATED TORQUE	230 LB. FT.	
LOCKED ROTOR TORQUE	330%	
BREAKDOWN TORQUE	300%	
LOCKED ROTOR AMPS (STARTING)	725 / 362.5 / 209.5 A	
IL / IN	6.04 / CODE G	
SLIP	5.80%	
NO LOAD CURRENT	30.0 / 15.0 / 8.7 A	
MAX. TIME LOCKED ROTOR (HOT)	20 SECONDS	
DE BEARING	NU316	
ODE BEARING	6313C3	
REGREASING INT. - DE BEARING	4,400 HOURS (1.22 OZ.)	
REGREASING INT. - ODE BEARING	12,200 HOURS (0.86 OZ.)	
MOUNTING	F1 (F2 SUITABLE)	
ROTATION	CW / CCW	
MOMENT OF INERTIA	41.1 LB. FT. ²	
C-FLANGE	---	
D-FLANGE	---	
SHAFT MATERIAL	1045 CARBON STEEL	
CONNECTION DIAGRAM	230/460 V - 12 LEAD Δ	
APPROX. WEIGHT	1035 LBS.	
LOAD	POWER FACTOR	EFFICIENCY (%)
100%	0.91	89.0
75%	0.90	89.6
50%	0.93	89.3





WORLDWIDE ELECTRIC MOTOR DRAWING

SS-404T



MOUNTING					
E	2F1	2F2	H	BA	P
8	---	12.25	0.81	6.62	21.42

KEY			KEYSEAT			SHAFT			TERMINAL BOX		
T	AA	AB	ES	S	R	N-W	U	XB	XC	XD	XE
2.83	3	18.31	5.65	0.75	2.45	7.25	2.875	4.57	11.73	9.76	11.69

ALL DIMENSIONS IN INCHES