



WORLDWIDE ELECTRIC MOTOR DATA SHEET



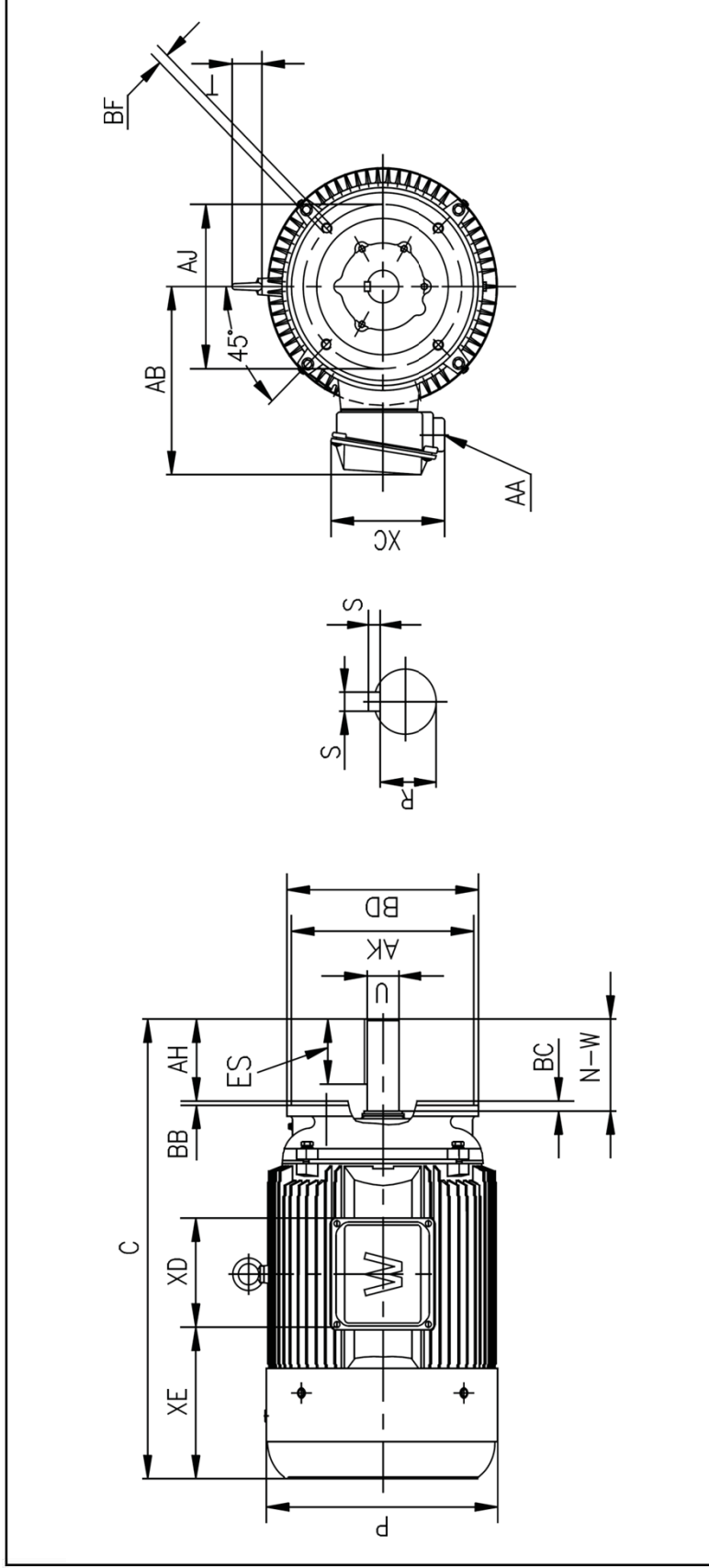
WWE3-18-182TCRD

HP	3	
RPM / POLES	1800 / 4	
VOLTAGE / PHASE	208-230/460 V / 3	
FRAME	182TC - ROUND BODY	
ENCLOSURE	TEFC (IP54)	
FREQUENCY	60 HZ	
RATED SPEED	1750 RPM	
FULL LOAD AMPS	8.6-7.8/3.9 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	B	
RATED TORQUE	9.07 LB. FT.	
LOCKED ROTOR TORQUE	280%	
BREAKDOWN TORQUE	330%	
LOCKED ROTOR AMPS (STARTING)	70.8-64.0/32.0 A	
IL / IN	8.3 / CODE K	
SLIP	2.78%	
NO LOAD CURRENT	4.9-4.4/2.2 A	
MAX. TIME LOCKED ROTOR (HOT)	20 SECONDS	
DE BEARING	6306-ZZ	
ODE BEARING	6306-ZZ	
REGREASING INT. - DE BEARING	---	
REGREASING INT. - ODE BEARING	---	
MOUNTING	F1 (F2 SUITABLE)	
ROTATION	CW / CCW	
MOMENT OF INERTIA	0.22 LB. FT. ²	
C-FLANGE	ATTACHED	
D-FLANGE	W180TD	
SHAFT MATERIAL	1045 CARBON STEEL	
CONNECTION DIAGRAM	208-230/460 V - 9 LEAD Y	
APPROX. WEIGHT	90 LBS.	
LOAD	POWER FACTOR	EFFICIENCY
100%	0.81	87.5%
75%	0.75	87.1%
50%	0.63	85.3%





WORLDWIDE ELECTRIC MOTOR DRAWING NEMA FRAME 182TC



		KEY			KEYSEAT			
C	P	T	AA	AB	BC	ES	S	R
15.11	8.82	1.42	1	7.45	0.12	1.78	0.25	0.986

FLANGE			SHAFT			TERMINAL BOX			
AJ	AK	BB	BD	BF	N-W	U	XC	XD	XE
7.25	8.5	0.25	9	1/2-13	2.75	1.125	5	4.57	4.88

ALL DIMENSIONS IN INCHES