



WORLDWIDE ELECTRIC MOTOR DATA SHEET



NATE1-18-56

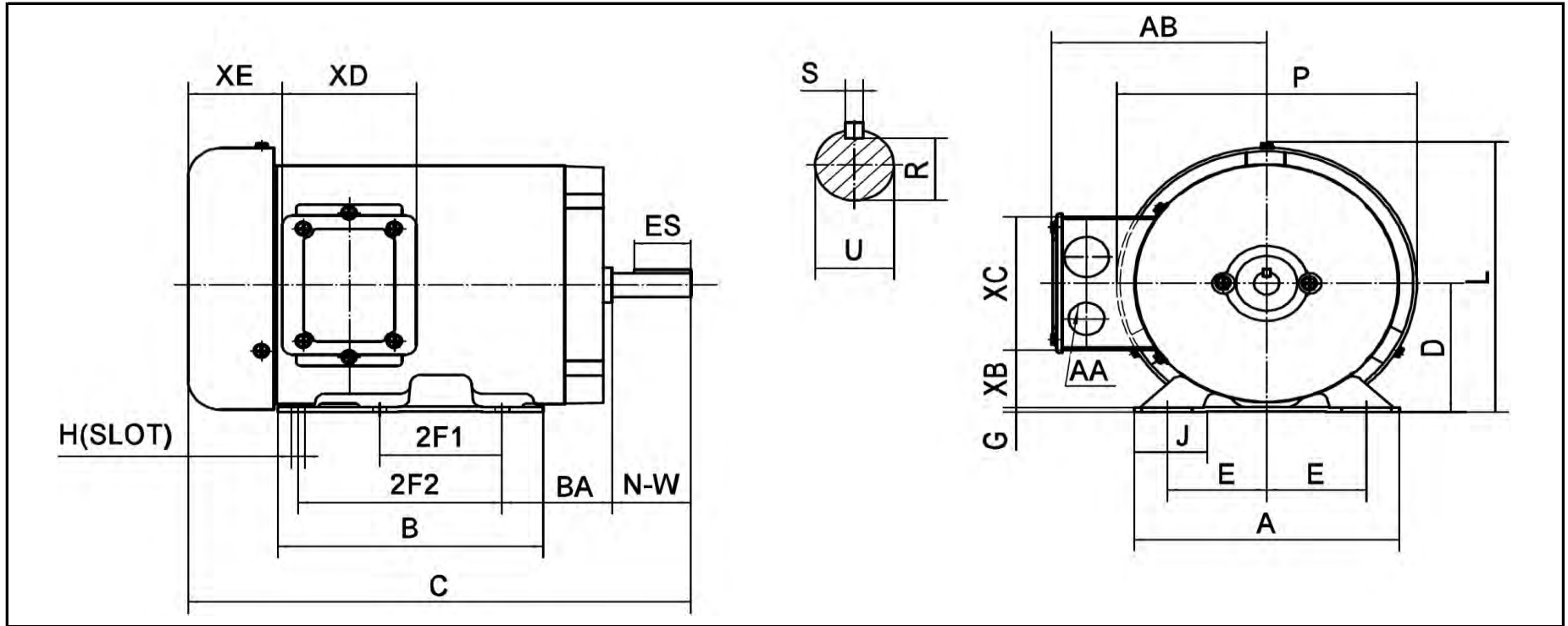
HORSEPOWER	1 (3/4)																								
RPM / POLES	1800 / 4 (1500 / 4)																								
VOLTAGE / PHASE	230 / 460 V / 3 (190 / 380 V / 3)																								
FRAME	56H																								
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP43																								
FREQUENCY	60 HZ (50 HZ)																								
FULL LOAD SPEED	1760 RPM (1465 RPM)																								
SERVICE FACTOR	1.15 (1.15)																								
INSULATION CLASS	F																								
FULL LOAD AMPS; 230 / 460 (190 / 380)	3.22 / 1.61 A (3.06 / 1.53 A)																								
EFFICIENCY / POWER FACTOR	<table border="1"> <thead> <tr> <th>LOAD</th> <th>EFF.</th> <th>P.F.</th> </tr> </thead> <tbody> <tr> <td>100%</td> <td>85.5%</td> <td>0.73</td> </tr> </tbody> </table>	LOAD	EFF.	P.F.	100%	85.5%	0.73																		
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DUTY CYCLE	Continuous																								
MAX. AMBIENT TEMPERATURE	40° C																								
MAX. ELEVATION	3300 Ft. Above Sea Level																								
TEMPERATURE RISE (At Full Load)	80° C																								
BASE TYPE	Rigid																								
DE BEARING	6203ZZ																								
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REGREASING INT. - DE BEARING	---																								
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GREASE TYPE	Mobil Polyrex EM																								
MOUNTING	F1																								
ROTATION	Bi-Directional																								
CONNECTION DIAGRAM	230 / 460 V (190 / 380 V) - 9 Lead																								
APPROXIMATE WEIGHT	35 lbs.																								
INVERTER RATING	4:1 CT / 10:1 VT PWM Type																								
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WORLDWIDE ELECTRIC MOTOR DRAWING

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DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	L	P	AB
E	2F1	2F2	H	BA									
2.44	3	5	0.34	2.75	6.54	6.54	12.4	3.5	0.12	1.65	7.4	7.3	5.2

KEY		KEYSET		SHAFT		TERMINAL BOX				
S	ES	R	N-W	U	AA	XB	XC	XD	XE	
0.188	1.41	0.517	1.88	0.625	3-0.88 / 2-1.109	1.65	3.7	3.2	2.15	