



# WORLDWIDE ELECTRIC MOTOR DATA SHEET

## NATE1-18-56CB



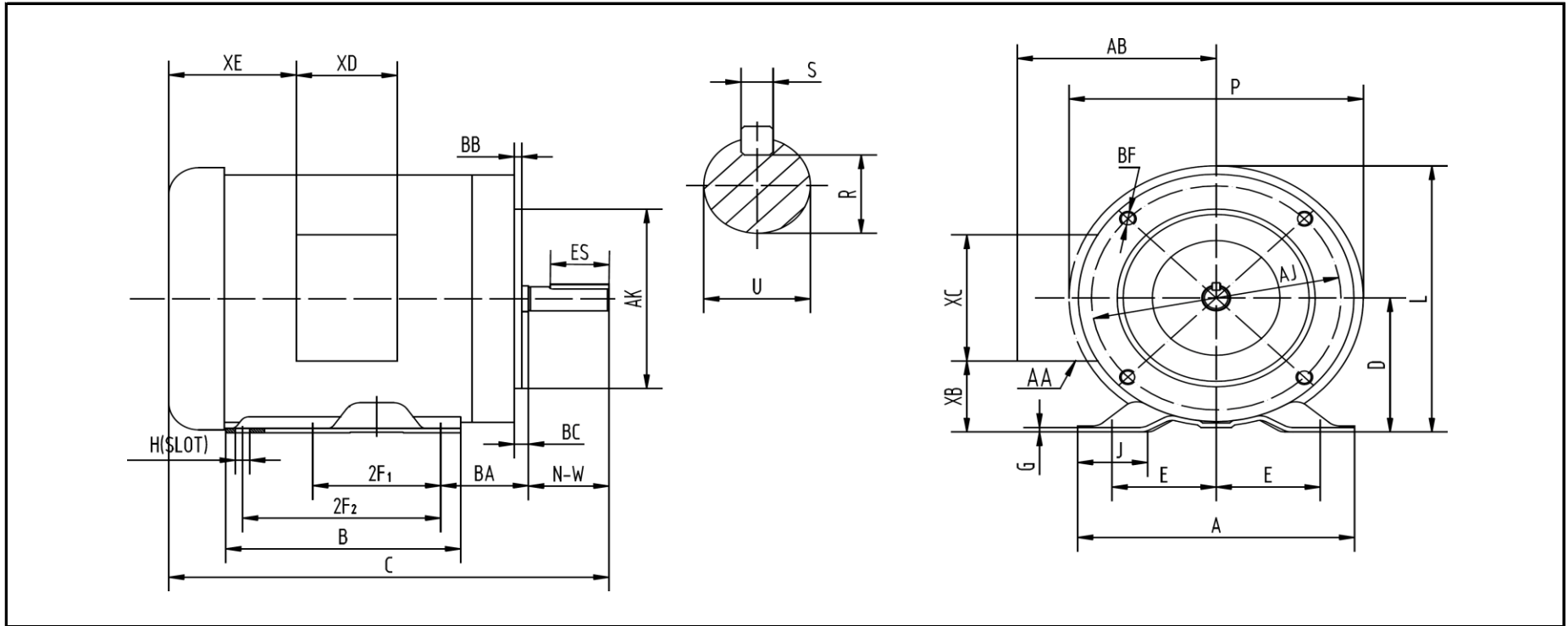
HORSEPOWER	1 (3/4)		
RPM / POLES	1800 / 4 (1500 / 4)		
VOLTAGE / PHASE	230 / 460 V / 3 (190 / 380 V / 3)		
FRAME	56HC		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP43		
FREQUENCY	60 HZ (50 HZ)		
FULL LOAD SPEED	1760 RPM (1465 RPM)		
SERVICE FACTOR	1.15 (1.15)		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460 (190 / 380)	3.22 / 1.61 A (3.06 / 1.53 A)		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	85.5%	0.73
DUTY CYCLE	Continuous		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft. Above Sea Level		
TEMPERATURE RISE (At Full Load)	80° C		
BASE TYPE	C-Face - Removable		
DE BEARING	6203ZZ		
ODE BEARING	6203ZZ		
REGREASING INT. - DE BEARING	---		
REGREASING INT. - ODE BEARING	---		
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		
OPTIONS / ACCESSORIES	Base	NBASE56-2	
	Capacitor (Start)	---	
	Capacitor (Run)	---	
	Capacitor Cover (Start)	---	
	Capacitor Cover (Run)	---	
	Centrifugal Switch	---	
	Endbell (DE)	NDEEBELL56-2	
	Endbell (ODE)	NODEEBELL56	
	Fan	NEFAN56-1	
	Fan Cover	NFCOVER56	
	Junction Box	NJBOX56	
	Stationary Switch	---	





# WORLDWIDE ELECTRIC MOTOR DRAWING

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**DIMENSIONS - INCHES**

MOUNTING					A	B	C	D	G	J	L	P	AB	BC
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	-0.19

KEY		KEYSET	FLANGE				SHAFT		TERMINAL BOX				
ES	S	R	AJ	AK	BB	BF	N-W	U	AA	XB	XC	XD	XE
1.41	0.188	0.517	5.875	4.5	0.16	3/8-16	1.88	0.625	3-0.88 / 2-1.109	1.65	3.7	3.2	2.15