WORLDWIDE ELECTRIC MOTOR DATA SHEET

NAT1-18-56CB

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	**1725 RPM (1425 RPM)**		
SERVICE FACTOR	**1.15 (1.0)**		
INSULATION CLASS	**F**		
FULL LOAD AMPS; 230 / 460 (190 / 380)	**3.6 / 1.8 A (3.4 / 1.7 A)**		
EFFICIENCY / POWER FACTOR	LOAD	EFF.	P.F.
	100%	**73.5%**	**0.73**
DUTY CYCLE	**Continuous**		
MAX. AMBIENT TEMPERATURE	**40° C**		
MAX. ELEVATION	**3300 Ft. Above Sea Level**		
TEMPERATURE RISE (At Full Load)	**80° C**		
DE BEARING	**6203**		
ODE BEARING	**6203**		
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	**25 lbs.**		
INVERTER RATING	**2:1 CT / 5:1 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	NFAN56	
	Fan Cover	NFCOVER56	
	Junction Box	NJBOX56	
	Stationary Switch	---	

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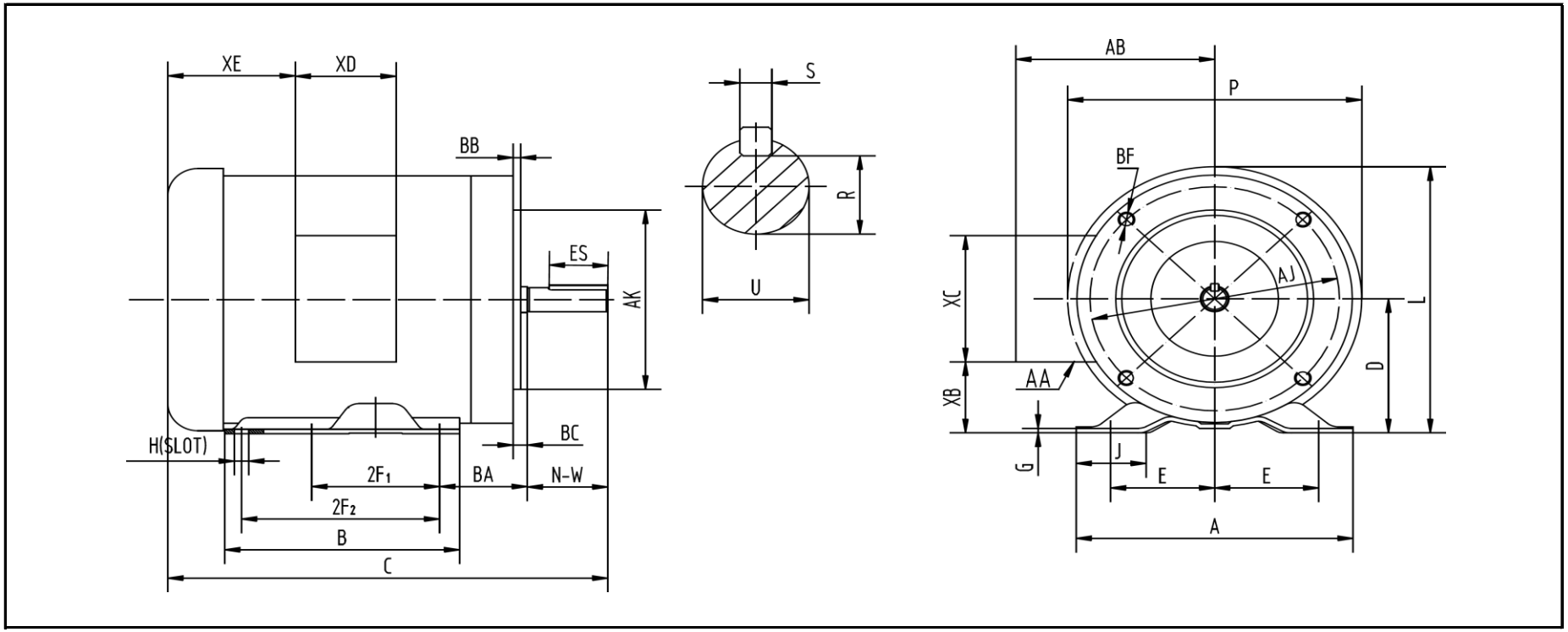
REVISED - 02/12/14

WORLDWIDE ELECTRIC MOTOR DRAWING

NAT1-18-56CB



DIMENSIONS - INCHES

MOUNTING														
E	2F1	2F2	H	BA	A	B	C	D	G	J	L	P	AB	BC
2.44	3	5	0.34	2.75	6.54	6.54	12.4	3.5	0.1	1.65	7.4	7.3	5.2	-0.19

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

REVISED - 09/05/13