



WORLDWIDE ELECTRIC MOTOR DATA SHEET



WWE7.5-18-213JP

HORSEPOWER	7.5		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	213JP		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP54		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1760 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	18.6 / 9.3 A		
LOCKED ROTOR AMPS (STARTING); 230 / 460	127 / 63.5 A		
NO LOAD CURRENT	9.2 / 4.6 A		
NEMA CODE LETTER	H		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100%	89.5%	0.81
	75%	89.9%	0.75
	50%	88.4%	0.64
DUTY CYCLE	CONTINUOUS		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	22.0 lb.ft.	200%	330%
SLIP	2.20%		
NEMA DESIGN	B		
MOMENT OF INERTIA	0.602 lb.ft. ²		
MAX. TIME LOCKED ROTOR (Hot)	20 Seconds		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft. Above Sea Level		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	6309ZZ		
ODE BEARING	6306ZZ		
REGREASING INT. - DE BEARING	---		
REGREASING INT. - ODE BEARING	---		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1 (F2 Suitable)		
ROTATION	Bi-Directional		
SHAFT MATERIAL	1045 Carbon Steel		
CONNECTION DIAGRAM	230 / 460 V - 9 Lead Δ		
APPROXIMATE WEIGHT	150 Lbs.		



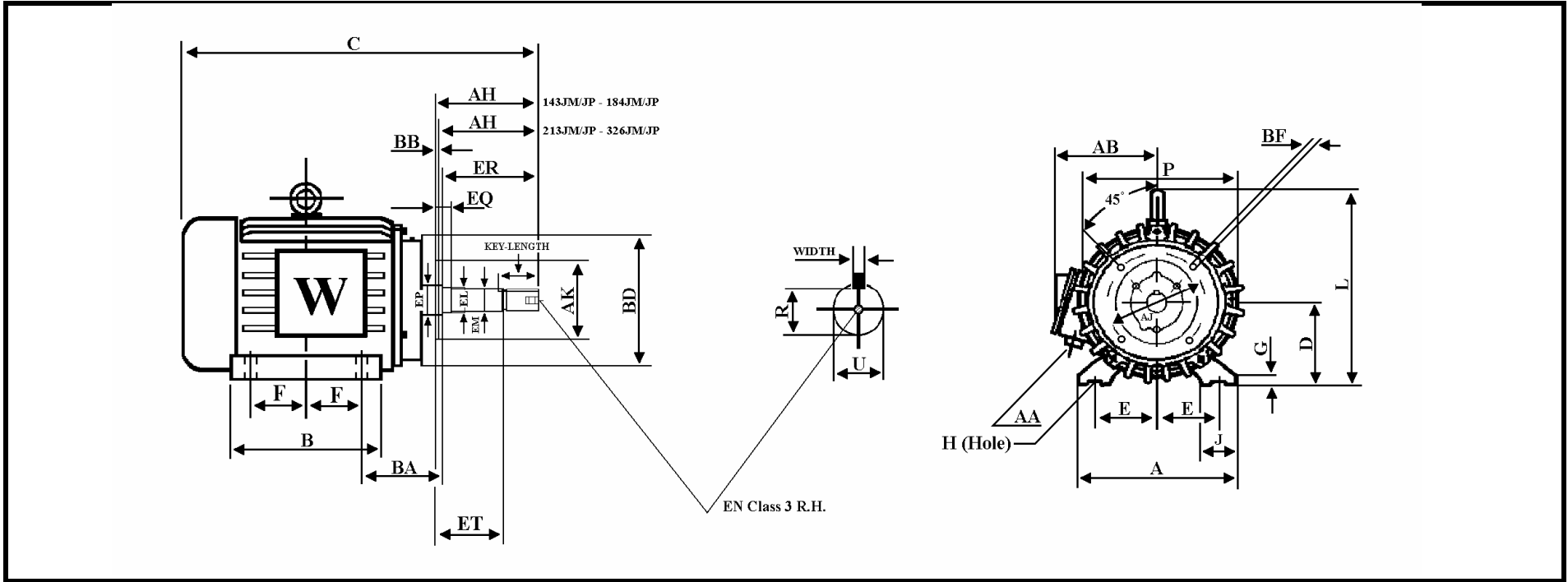
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CERTIFIED

NEMA FRAME 213JP



DIMENSIONS - Inches

MOUNTING				A	B	C	D	G	J	P	L	AH	AB	EQ	AA
E	F	H	BA												
4.25	2.75	0.41	4.25	10.5	7.5	24.37	5.25	0.709	2.36	10.63	12.4	8.125	8.27	2.375	1" NPT

KEY		KEYSET	U	FLANGE					ET	EM	EL	EP	ER	EN
WIDTH	LENGTH	R		AK	AJ	BF	BB	BD						
0.252	2.6	1.112	1.25	8.5	7.25	1/2-13	0.256	8.9	5.875	1.375	1.75	1.772	8.37	1/2-13