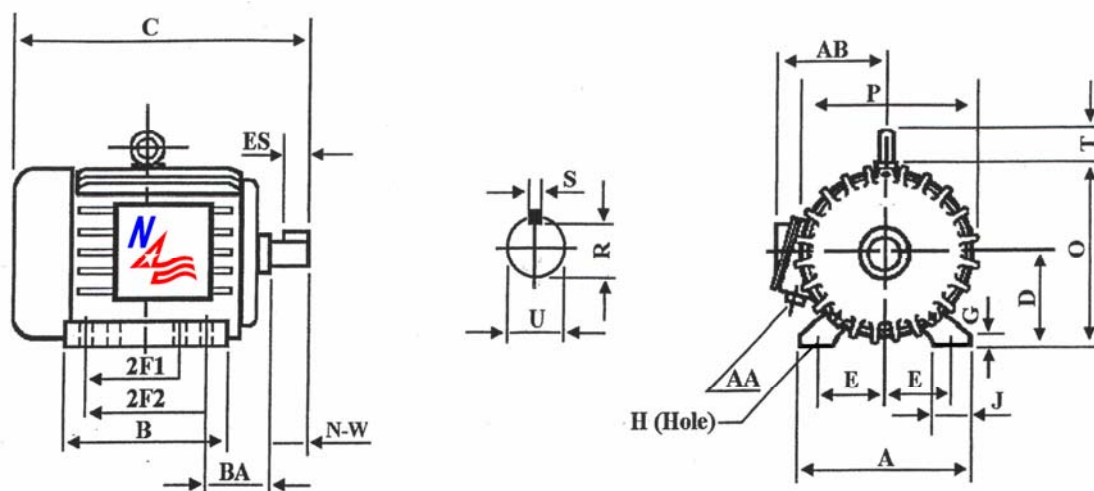


H1815

General Purpose Hostile Duty Motor

Energy Efficient – Three Phase – TEFC - AC Motor



DIMENSIONS – INCHES

A	B	C	D	E	2F1	2F2	G	H	J	O
12.5	12.5	26.2	6.25	10	8.25	10	0.8	0.53	2.75	12.8
P	R	S	T	U	ES	AA	AB	BA	N-W	Mount
14.1	1.416	0.375	2.35	1.625	2.91	1.25	12	4.25	4	F1

PERFORMANCE DATA

Three Phase – 60Hz - 208-230/460V – NEMA Design B - Max. Ambient: 40° C

HP	Speed	Frame	NEMA Code	Efficiency (%)			Power Factor			Torque (ft-lb)		
				100%	75%	50%	100%	75%	50%	FLT	BDT	LRT
15	1765	254T	G	91.0	92.1	92.1	0.892	0.877	0.804	44.63	116.04	100.42
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
17.0	108.4	6309	6309	F	TEFC	1.15	355					



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50Hz AND 60Hz DATA FOR 3 PHASE AC INDUCTION MOTOR AS IT APPEARS ON THE NAMEPLATE.

H1815

CAT. NO: H1815			FRAME: 254T			ENCL: TEFC			PHASE: 3		
SHAFT END BRG: 6309						OPP/END BRG: 6309					
MAX. AMB: 40° C			INS CLASS: F			RATING: CONT.			MOTOR WEIGHT: 355LBS		
USABLE ON 208V 60HZ AT: 37.6 MAX. AMPS									SER:		
60 HERTZ DATA	HP: 15 RPM: 1765					HP: 15 RPM: 1455					50 HERTZ DATA
	VOLTAGE: 230/460V					VOLTAGE: 190/380V					
	F. L. AMPS: 34.0/17.0					F. L. AMPS: 42.0/21.0					
	S.F. AMPS: 38.8/19.4					S.F. AMPS: 42.0/21.0					
	S.F. 1.15		DESIGN: B		CODE: G	S.F. 1.0		DESIGN:		CODE: H	
	NEMA NOM. EFF: 91.0%					NEMA NOM. EFF: 89.5%					
	NOM. P. F.: 0.892					NOM. P. F.: 0.889					
	NEMA MIN. EFF.: 89.5%					NEMA MIN. EFF.: 87.5%					
	MAX. KVAR: 4.30					MAX. KVAR: 3.76					

Note: F.L. = Full Load P.F. = Power Factor S.F. = Service Factor



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