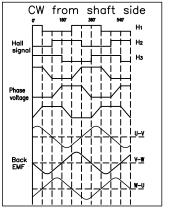
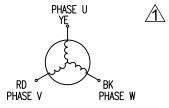


SPECIFICATION CONNECTION	STAR								
NO. OF POL./PHASE	POL./PHASE 6/3				PERMISSIBLE RADIAL+AXIAL FORCE				
VOLTAGE RATED (VDC)	24		ROTOR SPRING-	CDDINO					
CURRENT RATED/PEAK (AMP)	RENT RATED/PEAK (AMP) 9.4/28				MOUNTED IN WASHER				
RESISTANCE/PHASE TO PHASE (Ohms) @20°C	0.22 ±10%		AXIAL DIRECTION \	BEARING					
INDUCTANCE/PHASE TO PHASE (mH) @1KHz	0.29 ±20%	, I] Fr N						
TORQUE RATED/PEAK (Nm) [lb-in]	0.47/1.41 [4	.16/12.48]	Fa	ď					
TORQUE CONSTANT (Nm/A)/BACK-EMF (Vrms/kRPM)	0.05/ 3.8		_ - 		$\exists \exists$				
POWER RATED (W)	172]		Ч				
SPEED RATED/NO LOAD (RPM)	3500/4500	∆ \`] 4						
ROTOR INERTIA (Kg-m²) [lb-in²]	11.9x10 ⁻⁶ [0	.0406]] L						
WEIGHT (Kg) [lb]	0.72 [1.58]								
TEMPERATURE RISE: MAX.80°C			AXIAL-FORCE Fa (N)	Fa=1	5				
AMBIENT TEMPERATURE −10°~ 50°C [14°F ~ 1	DISTANCE a (mm)	20							
INSULATION RESISTANCE 100 MOhm (UNDER NO	RADIAL-FORCE Fr (N)	75							
INSULATION CLASS B 130° [266°F]		AXIAL RADIAL							
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN T	SHAFT PLAY (mm)	0.025	0.02	25					
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION	AT LOAD MAX: (N)	40	4.6	3					
2 change tol./revise draw. 30.05	6.17 A.S.	A VA	Nanote	-®		APV[

WIRING DIAGRAM						
	COLOR	FUNCTION	LEAD GAUGE			
	YE	U				
MOTOR 6 POL.	RD	٧	UL1332 AWG18			
0 1 02.	BK	w				
	RD	+5V	LII 1 4 70 AWCOC			
HALL	BU	H1	UL1430 AWG26			
18 IMPL.	GN	H2				
REV.	WH	Н3				
	BK	GND				



STAR CONNECTION



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2	change tol./revise draw.	30.05.17	A.S.		Vanote	• • • • • • • • • • • • • • • • • • •	APVD	G.S.	26.09.13	BRUSHLESS DC MOTOR
1	CORR. HALL ASSIGNM.	13.06.14	J.D.		PLUG & DI		CHKD			DIVOSITEESS DC MOTOR
D	CHG. NO LOAD SPEED	05.05.14	J.D.	Surface	General	Work piece	DRN	A.S.	26.09.13	DWG.NO
REV	DESCRIPTION	DATE	DRN	specification DIN ISO 1302	tolerances DIN ISO 2768- cH	edge DIN ISO 13715	SIGN	IATURE	DATE	DB59L024035-A