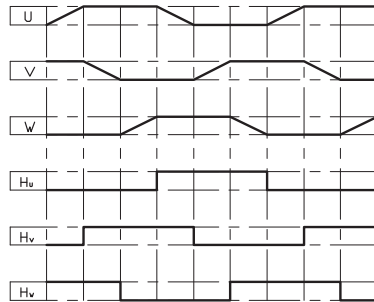


CCW COMMUTATION
VIEWED FROM OUTPUT SHAFT



EASY DRIVE DC BRUSHLESS PACKAGE

PER LE VERSIONI A LOOP CHIUSO CON FEEDBACK DA ENCODER, I MOTORI SONO FORNITI CON POSIZIONATORE IN MODBUS, RS232485, ANALOGICA E STEP+DIR E CAN BUS.

DIRVER CONNECTING INDICATING

+5V	F/R	SV	PG	GND	GND	+Vp
0	0	0	0	0	0	0
1	2	3	4	5	6	7

DETAILS:

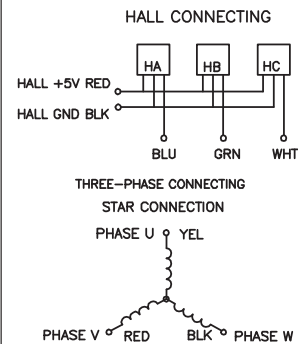
- 7 +Vp---DC POWER INPUT +24VDC
- 6 GND---COMMON GROUND OF SYSTEM
- 5 GND---COMMON GROUND OF SYSTEM
- 4 PG---SPEED PULSE OUTPUT(TTL),24 PULSE/REV
- 3 SV---SPEED VOLTAGE 0--5VDC
- 2 F/R---ROTATING DIRECTION, Hi=CW
- 1 +5V---+5V VOLTAGE OUTPUT

NOTE:

SPFGD-GLOSF L00P CONTPOL 6000 PPM-MAX @.SV 5VDC

MOTOR: FL42BLSH01-2423-IE	
NUMBER OF POLES	10
LINE TO LINE RESISTANCE	8.2±10% ohms@20°C
LINE TO LINE INDUCTANCE	5.8±20% mH
NOMINAL VOLTAGE	24V
NOLOAD SPEED	2300±10% RPM
NOLOAD CURRENT	< 0.3A @25°C
RATED TORQUE	0.025N.m
RATED SPEED	1700±10% RPM
PEAK TORQUE	0.15 N.m
TORQUE CONSTANT	0.095 N.m/A
BACK EMF	7.43±10%Vrms/Krpm
ROTOR INERTIA	48 g.cm ²
WEIGHT	0.26 Kg
GEAR MOTOR: FL42BLSH01-2423-IE-40JXG50K56	
Reduction ratio	1/56
Number of gear trains	3
Rated Torque (Output)	1 N.m
Rated Speed (Output)	30 rpm

MOTOR INTERNAL CONNECTION



REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P.N.
								3.1.02.042.
UNLESS OTHERWISE SPECIFIED TOLERANCES:						MATERIAL	CONTR.	CHECK
DECIMALS: .x ±0.5 .xx ±0.25 .xxx ±0.1						THIRD ANGLE PROJECTION		SCALE
ANGULAR: ±0°30'						UNIT: mm		SHEET OF
DO NOT SCALE DRAWING								
TITLE								Speci fications
USED ON								FL42BLSH01-2423-IE-40JXG50K56
DWG NO.								REV