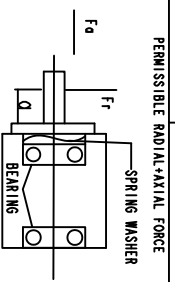


NUMBER OF PHASE	3	Wires for phase
NUMBER OF POLES	8	PHASE U YEL PHASE V RED PHASE W BLK
LINE TO LINE RESISTANCE	0.25±10% ohms@20°C	
LINE TO LINE INDUCTANCE	1.3±20% mH@1KHz	
NOMINAL VOLTAGE	48 VDC	Feedback info
NO. LOAD SPEED	4100±10% RPM	1000p/rev incremental encoder
NO. LOAD CURRENT	0.7 A	
RATED TORQUE	0.9Nm	
RATED SPEED	3000 RPM	
RATED CURRENT	7.6A	
PEAK TORQUE	2.7Nm	
PEAK CURRENT	23A	
BACK EMF CONSTANT	8.7 Vrms/kRPM	
TORQUE CONSTANT	0.118Nm/A	
INSULATION CLASS	B 130°C	
DIELECTRIC STRENG	600VAC 1SEC	
INSULATION RESIST	100MΩm @50VDC	
ROTOR INERTIA	0.544kg·cm <sup>2</sup>	
WEIGHT	1.7kg	
OPERATION AMBIENT	Ambient temperature: -20...+55°C, humidity Max. 85% (No condensation)	
STORAGE AMBIENT	Ambient temperature: -10...+35°C, humidity Max. 85% (No condensation)	



FEEDBACK WIRE:

COLOR	FUNCTION
RED/WHT	GND
RED	Vcc(+5V)
BLU	EA-
BLU/BLK	EA+
BLK	EB-
BLK/WHT	EB+
PUR	I+
GRY	I-
BRW	H1
DRG	H2
YEL	H3

REV	EQN NO	DESCRIPTION	DATE	P/N
UNLESS OTHERWISE SPECIFIED				
TOLERANCES:		ANGULAR:	CHECK	TITLE
.X	±0.5	±0.30°	APRD	USED ON
.XXX	±0.1			DWG NO.
UNIT: mm				REV
DD NOT SCALE DRAWING		FIRST ANGLE PROJECTION	SCALE	SHEET OF
				FULLING MOTOR