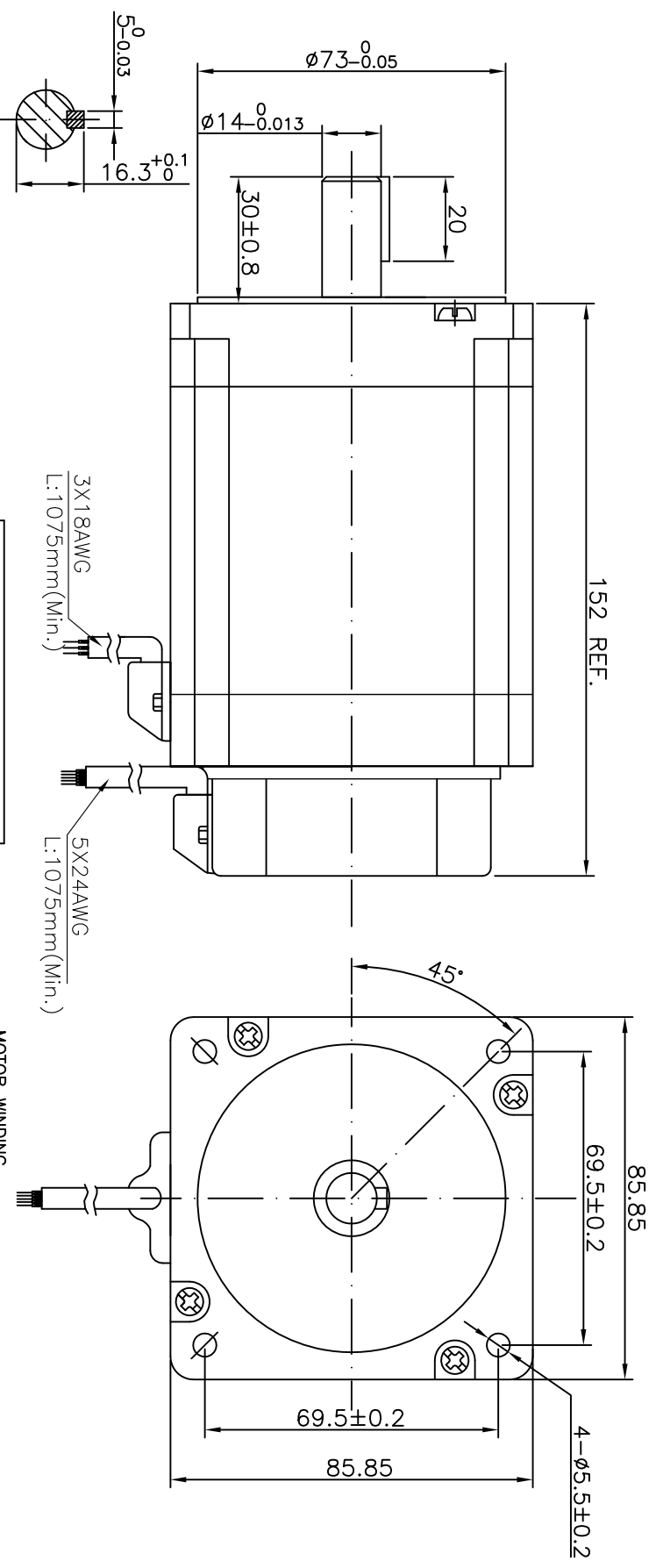


REV	DESCRIPTION	DATE	APPROVE
P1	PRELIMINARY	13/12/04	YJW



Motor Specification	
Resistance	TBD Ohms $\pm 10\%$
Inductance	TBD mH $\pm 20\%$
Voltage	230 VDC
Rated power	660W
Rated Speed	3000 rpm
Rated Current	3.8 A
Rated Torque	2.1Nm
Peak Current	11.4 A
Peak Torque	6.3 Nm
Ke	41 V/Krpm
Rotor Inertia	2.4 Kg.cm ²
Number of Poles	8
Insulation Class	B
Weight	4.0 Kg

TIMING DIAGRAM							
ELECTRICAL DEGREES	°	60°	120°	180°	240°	300°	360°
HALL A							
HALL B							
HALL C							
PHASE R-S							
PHASE S-T							
PHASE T-R							

ROTATION: CLOCKWISE AS VIEWED FROM SHAFT END.

MOTOR WINDING CONFIGURATION

PHASE S GRN PHASE R YEL

PHASE T BLU

8 POLE AS VIEWED OPPOSITE LEAD END

CONNECTION CHART	
SENSOR	MOTOR
YELLOW	YELLOW
GREEN	GREEN
BLUE	BLUE
YELLOW	YELLOW
GREEN	GREEN
BLUE	BLUE
RED	RED
BLACK	BLACK
	4.5 -24 VDC
	GROUND

NOTE: THIS DRAWING HAS BEEN CREATED BY AUTOCAD. MANUAL REVISIONS ARE NOT ALLOWED.

MATERIAL		TOLERANCE UNLESS OTHERWISE SPECIFIED	
		ISO 2768-1 MEDIUM	
DRAWN	CHECKED	APPROVED - DATE	SCALE
			N/A

Exmex

BRUSHLESS D.C. MOTOR

ME086AS3XX

SHEET 1/1

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