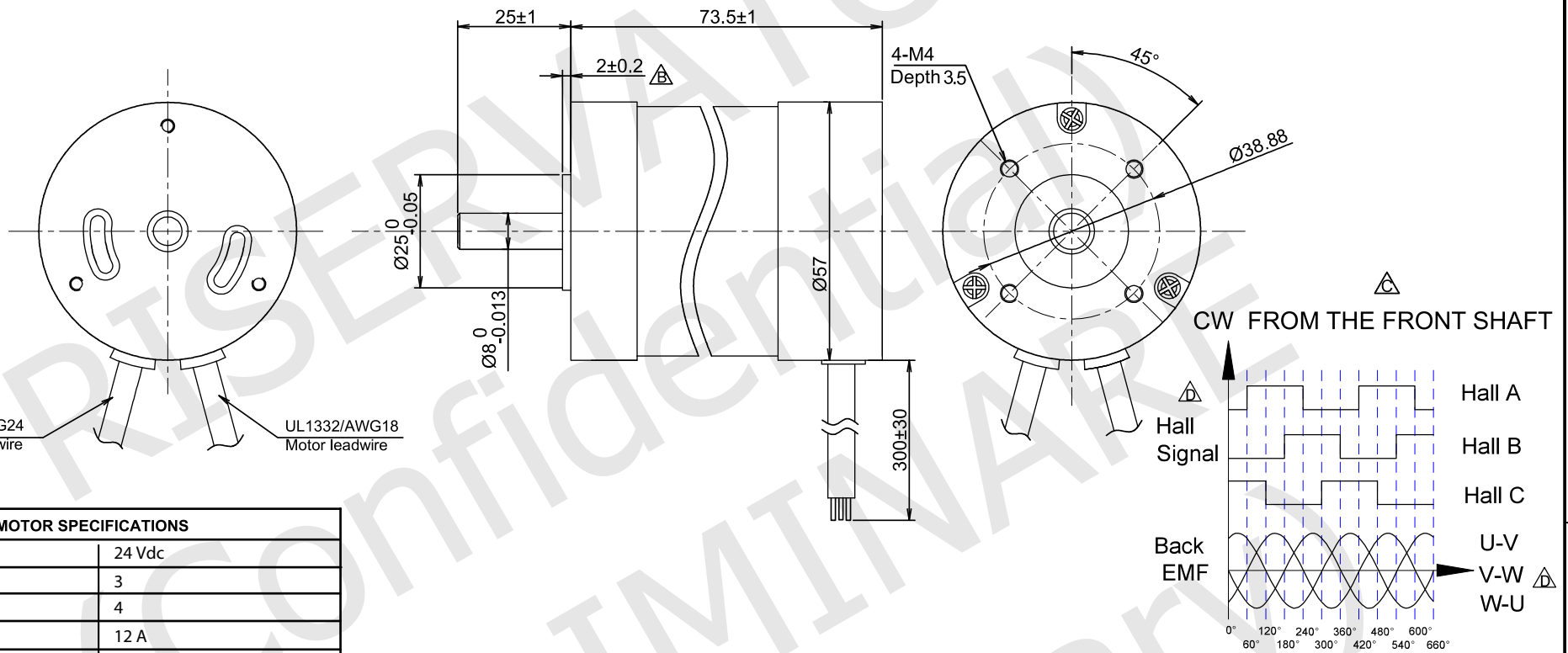


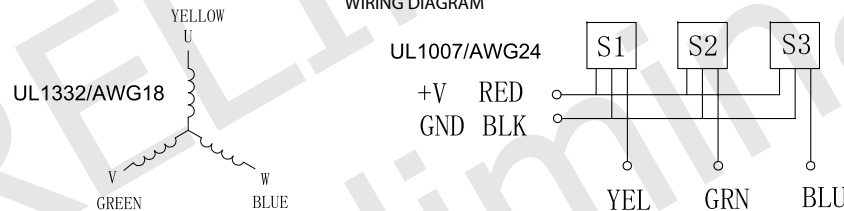
RoHS



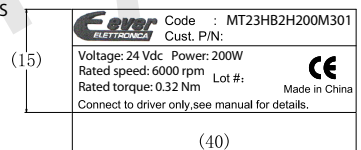
**MOTOR SPECIFICATIONS**

APPLIED VOLTAGE	24 Vdc
PHASES	3
POLES	4
RATED CURRENT	12 A
RATED POWER	200 Watts
RATED TORQUE	0.32 Nm
PEAK TORQUE	0.96 Nm
RATED SPEED	6000 rpm ±10%
NO LOAD SPEED	7000 rpm ±10%
INSULATION CLASS	Class B, 130°C
IP CODE	IP20
DIELECTRIC STRENGTH	600 Vac / 2 mA / 1 S
INSULATION RESISTANCE	≥50 Mohm/500Vdc
LINE TO LINE RESISTANCE	0.11 ohm ±10%
LINE TO LINE INDUCTANCE	0.30 mH ±20%
ROTOR INERTIA	
BACK EMF	2.5±5% V/Krpm
OPERATING TEMPERATURE	
STORAGE TEMPERATURE	
WEIGHT	730 g. approx

**WIRING DIAGRAM**



**LABELS**



YYWWXXXXX (25 x 8)  
Stator barcode label

**MT23HB2H200M301**  
DC BRUSHLESS MOTOR SPECIFICATION



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UNIT: mm	DESIGN	Stm01791-00d
UNLESS OTHERWISE SPECIFIED TOLERANCES	CHECK	
DIMENSIONS : ±0.3 mm DEGREES : ±5%	APPROVED	
DRAWING NOT TO SCALE	DATE	05 / 01 / 2023
REV	00a - First release.	
	00b - Modify the thickness of the front flange spigot.	
	00c - Added some electrical parameters and the graph.	
	00d - Change hall timing and some other electrical parameters.	