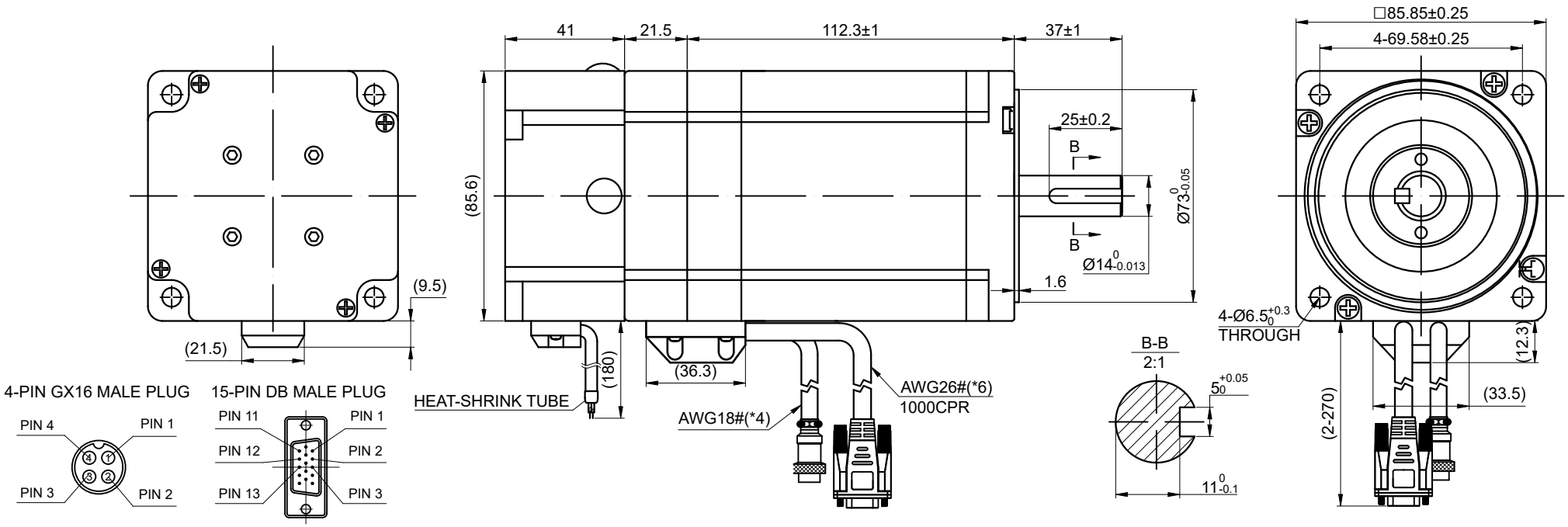
DWG NO. -



BRAKE CONNECTIONS

24V 5.0N.m

RED +

BLK -

15-PIN DB MALE PLUG	1	2	3	11	12	13
DESCRIPTION	EA+	VCC	GND	EB+	EB-	EA-

FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)

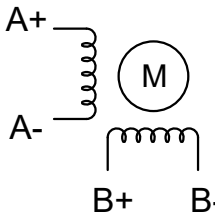
STEP	A+	B+	A-	B-
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

CW ↓ CCW ↑

UNIT mm
GB/T 1804-M EQV.ISO 2768-1 CLASS M:

<=6	±0.1
>6~30	±0.2
>30~120	±0.3
>120~400	±0.5

WINDING



PIN NO	BIPOLAR	LEADS
1	A+	--
2	A-	--
3	B+	--
4	B-	--

SPECIFICATION \ CONNECTION	BIPOLAR
AMPS/PHASE	6.00
RESISTANCE/PHASE(Ohms)@25°C	0.54±10%
INDUCTANCE/PHASE(mH)@1KHz	5.00±20%
HOLDING TORQUE(Nm)[lb-in]	8.50 [75.29]
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
ROTOR INERTIA(g-cm²)	3600
WEIGHT(Kg)[lb]	——
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

OSMTEC®

Stepper Motor Specialists

mm			
UNITS	DRN	ZPJ	1.16.2026
1:2	APVD	YSX	1.16.2026
SCALE	SIGNATURE		DATE

STEPPER MOTOR

34E1KBK50-85