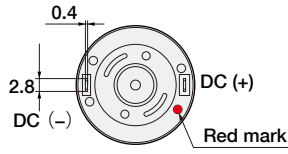


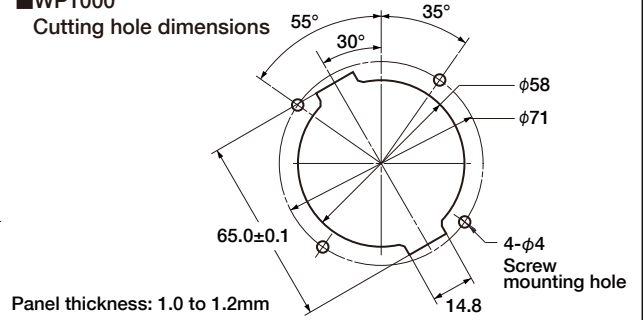
DC Brush Motor & Gear



Motor wiring and terminal dimensions diagrams

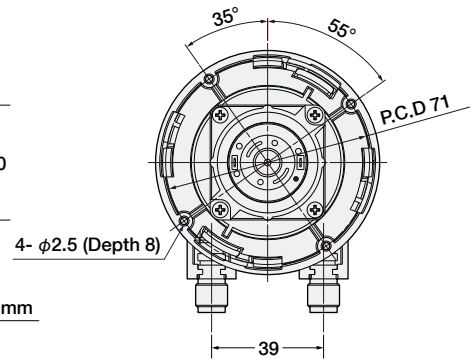
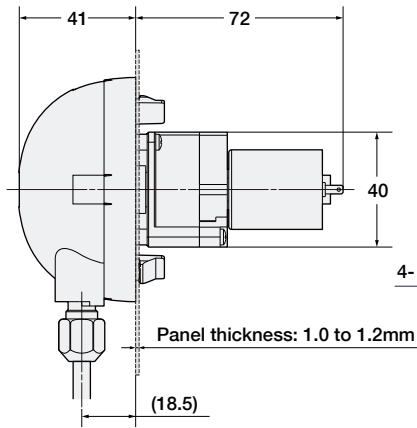
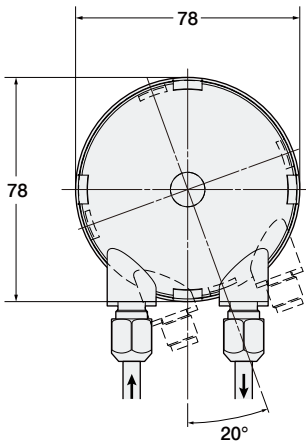


WP1000 Cutting hole dimensions



WP10 - □□S

WP10 - □□DS

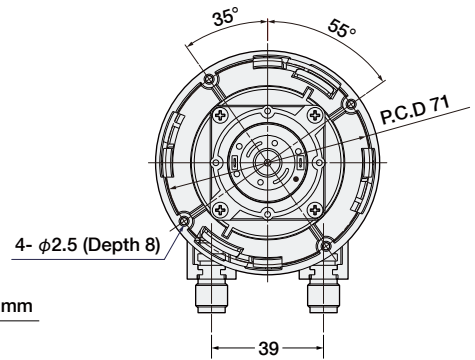
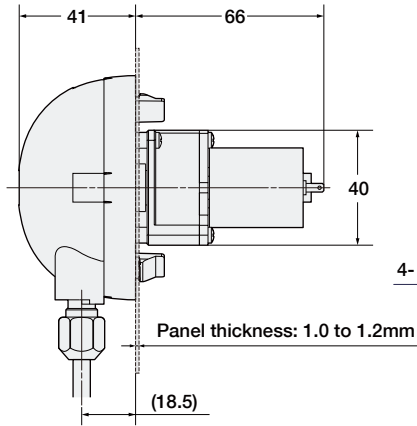
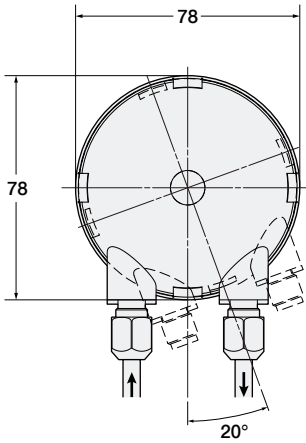


Weight: 185g

WP10 - □□M

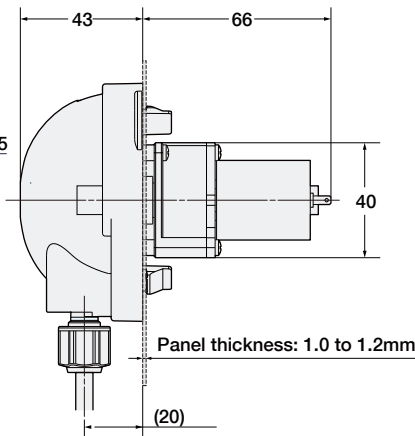
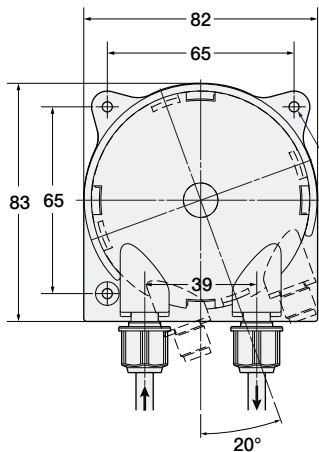
WP10 - □□L

WP10 - □□DM



Weight: 178g

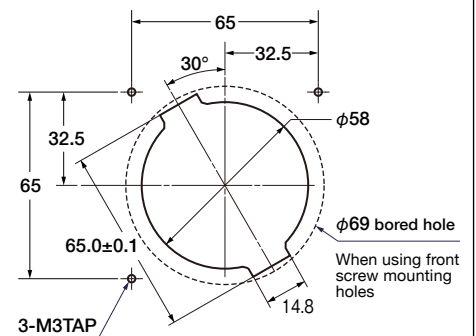
WP11 - □□L



Weight: 186g

WP1000

Cutting hole dimensions

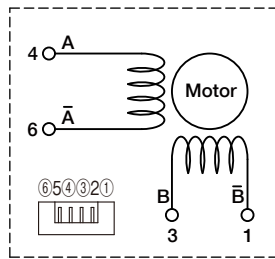


Panel thickness: 1.0 to 1.2mm

Stepper Motor & Gear

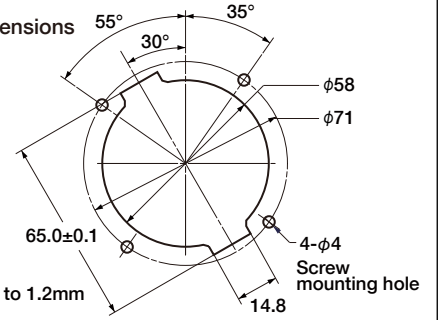


BI POLAR Winding Diagram



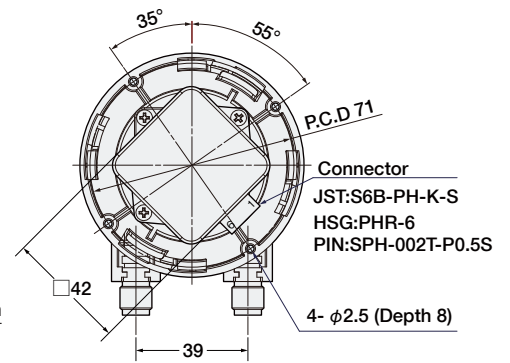
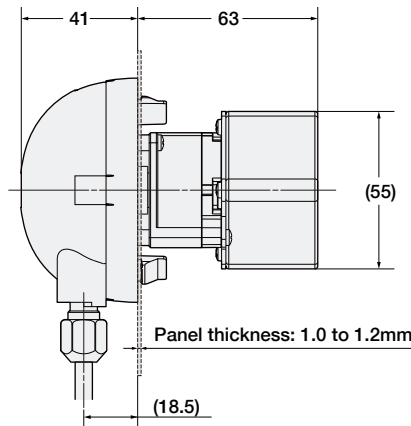
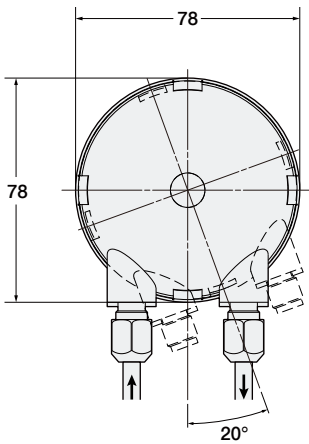
WP1000

Cutting hole dimensions



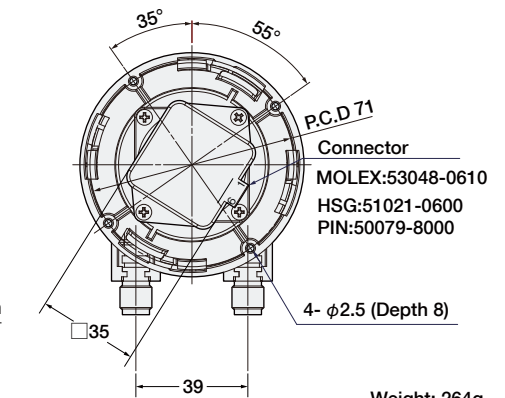
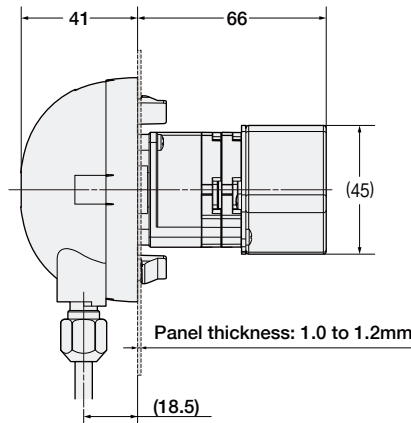
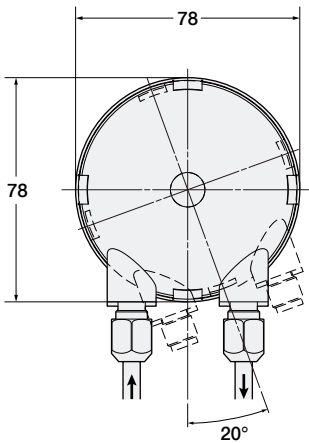
Panel thickness: 1.0 to 1.2mm

WP10 - □□BA



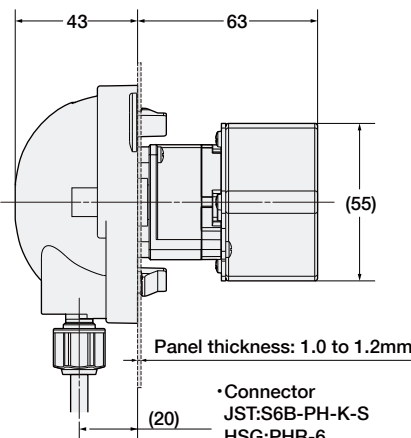
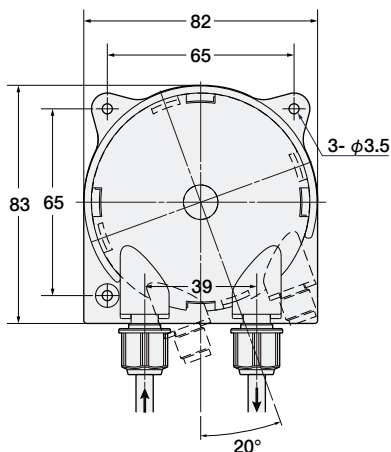
Weight: 322g

WP10 - □□FB

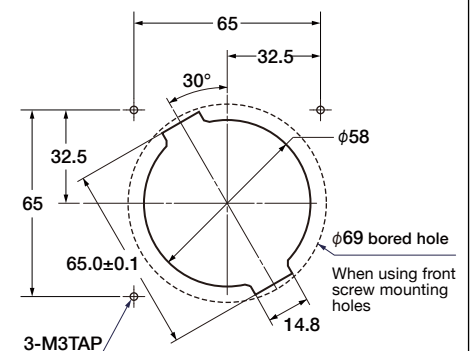


Weight: 264g

WP11 - □□BA



WP1100 Cutting hole dimensions



Panel thickness: 1.0 to 1.2mm

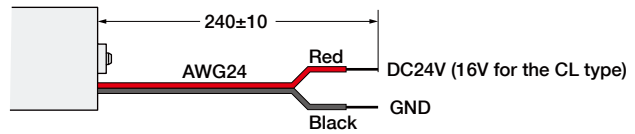
Weight: 330g

•Connector
JST:S6B-PH-K-S
HSG:PHR-6
PIN:SPH-002T-P0.5S

DC Brushless Motor & Gear



Motor wiring terminal dimensions diagrams



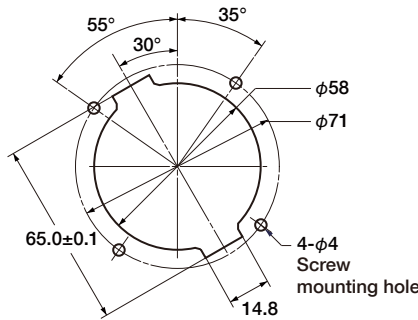
Circuit protection

This motor is not equipped with a circuit for protection against overvoltage and connection to terminals at the incorrect polarity.

Be careful not to apply surge voltages that exceed the rated voltage and not to connect to the incorrect polarity.

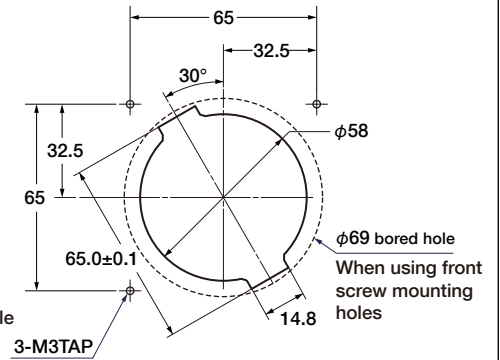
WP1000

Cutting hole dimensions



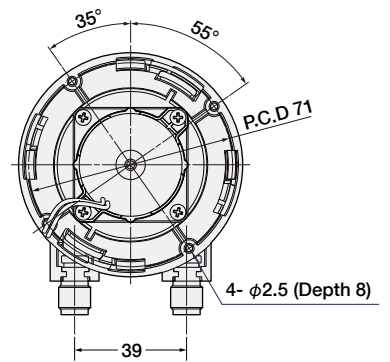
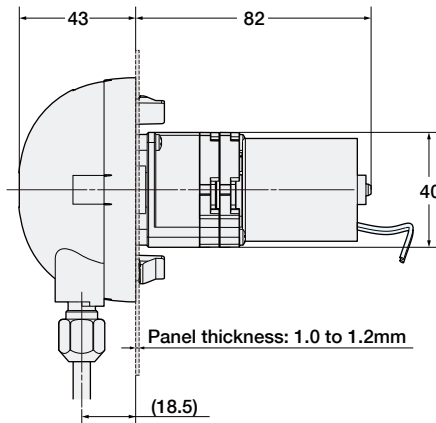
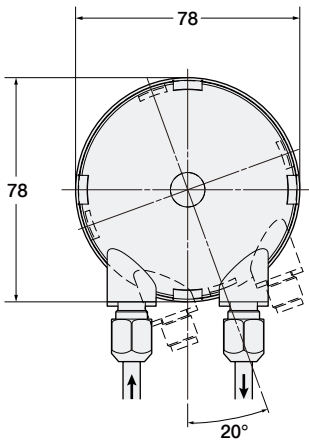
WP1100

Cutting hole dimensions



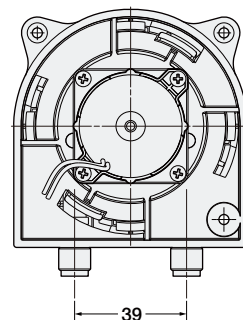
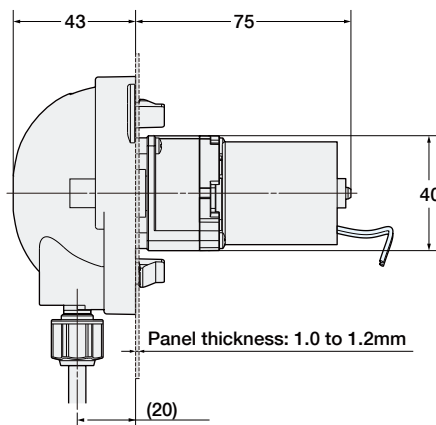
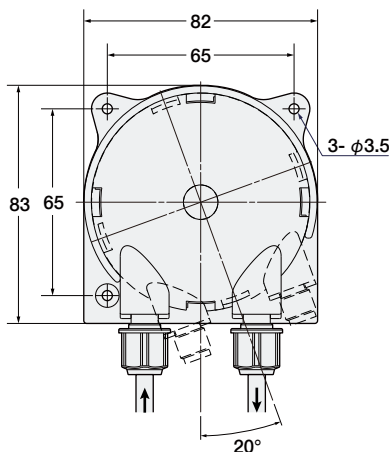
Panel thickness: 1.0 to 1.2mm

WP10 - □□CM



Weight: 290g

WP11 - □□CL

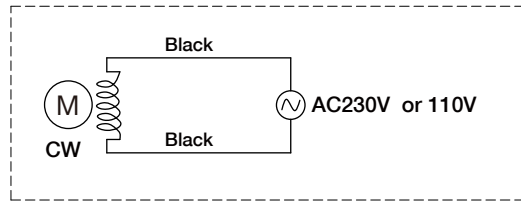


Weight: 290g

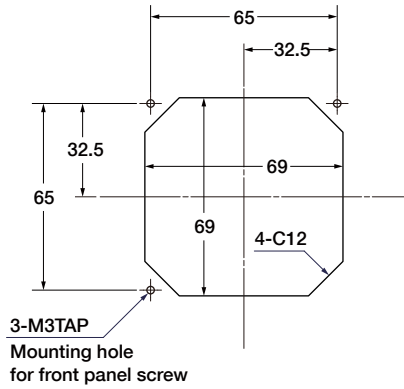
AC Synchronous Gear motor



■ Winding Diagram

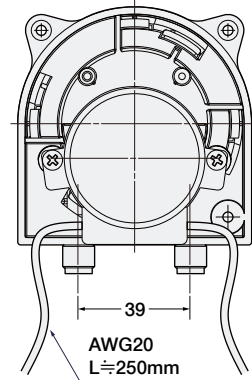
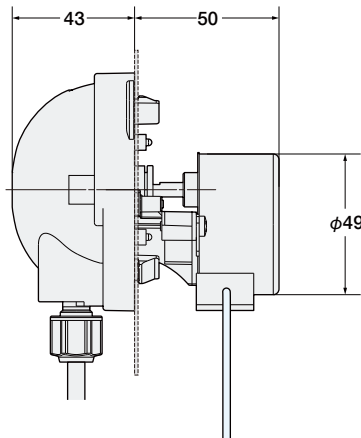
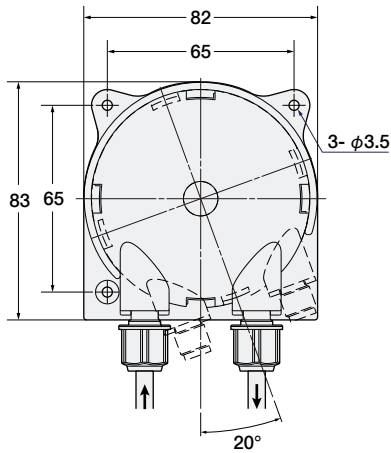


■ Cutting hole dimensions



WP11 - □□EE

WP11 - □□EF



Panel thickness: 1.0 to 1.2mm

Weight: 330g

Using an optional panel



Thickness: 1.2
Material properties: SUS304

