

Outline drawing

Model ARH350A



Product Specifications

Model	ARH350A
Maximum opened diameter	Φ143mm
Gripping force *1	50N
Maximum picking weight *2	500g
Maximum gripping weight *3	3,000g
Closing speed @ Maximum stroke	0.8 to 10sec
Maximum Finger Length	100mm
Repeating accuracy @ No load	± 50 μm
Dimension	φ 60 x 155mm
Lifetime	10 million open/close times (No load)
Input voltage	24V ± 10%
Maximum current @ Rated load	0.6A MAX Peak
Weight	640g
IP Code	IP2X
Compliant robot *4	Compatible with robots of various companies with attachments sold separately (to be developed sequentially)
Operation ambient temperature	0 ~ +40°C
Storage ambient temperature	-10 ~ +50°C
Digital I/F	Selectable 4 digital I/F from 4 inputs and 2 outputs
Input commands	●ON/OFF ●Home ●Operation ●Stop Command, etc.
Output signals	●ON/OFF ●Ready(operation/standby) ●Alarm ●Gripping range error signal, etc.
Serial I/F	RS-485 (Modbus RTU)
Display LED	Green / Red / Orange
Protective function	● Voltage ● Temperature ● Parameter setting error, etc.
Connection Methods	Robot manufacturer Plug&Play or I/O or RS-485 *5

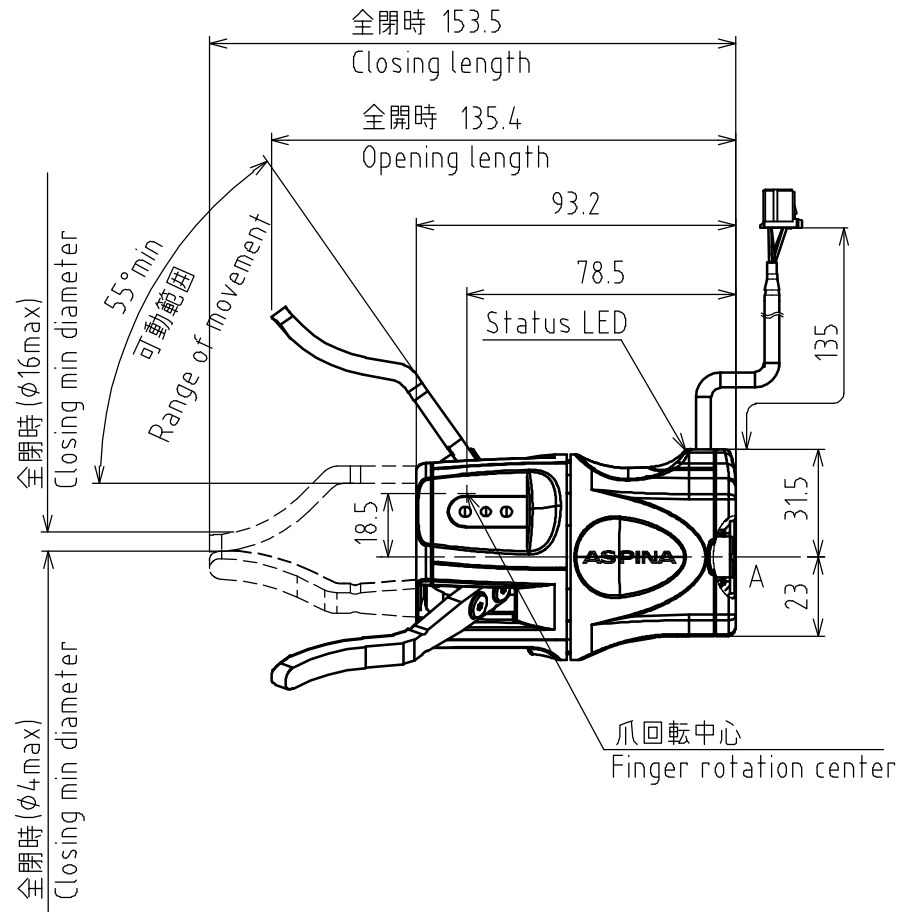
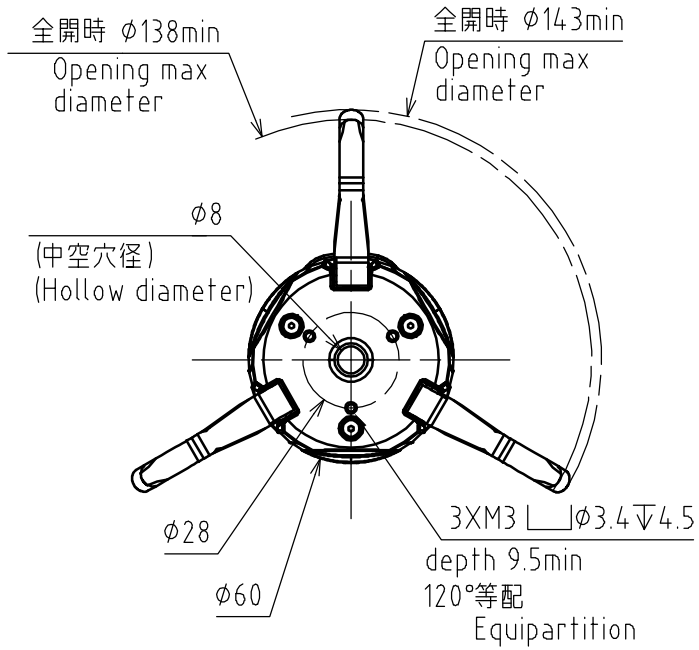
*1 Measuring with one finger at 30mm

*2 At 70mm distance (The value varies by gripping items.)

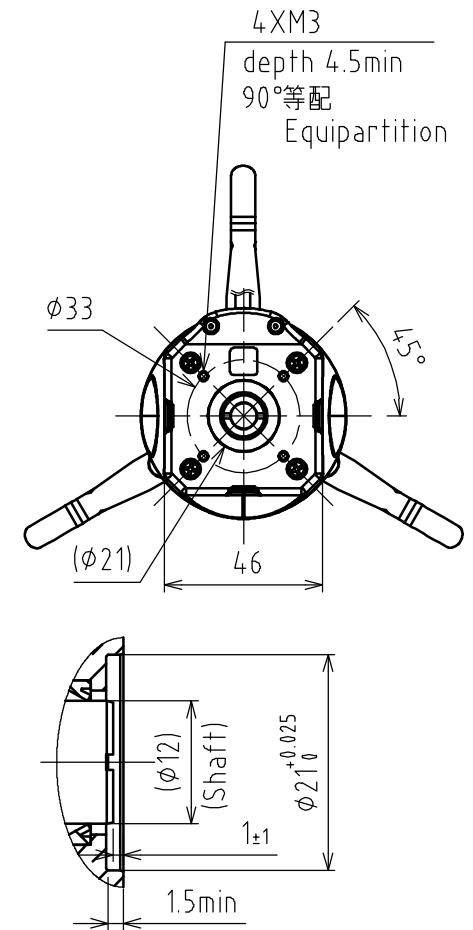
*3 At 30mm distance (The value varies by gripping items.)

*4 If optional attachment does not comply with your robot, please contact us.

*5 RS-485 converter is required separately.



ARH350A



DETAIL A

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