

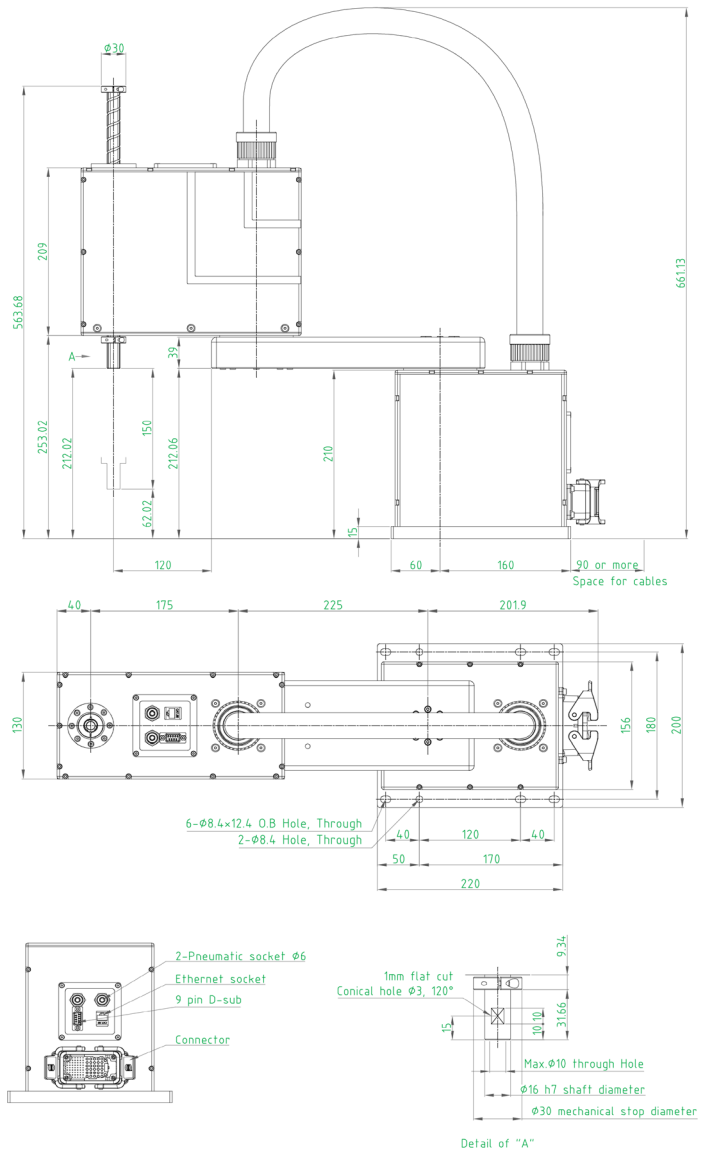
PSA^① 400^② _____^③ _____^④

- ① Robot Type : PAA (6 axis Articulated), PSA (4 axis SCARA), PPA (3 axis Planar)
- ② Max. Motor Power : 400W, 800W
- ③ Arm Length : Standard (None), Long (L), Extra Long (XL)
- ④ Installation : Floor (None), Wall (W), Ceiling (C)

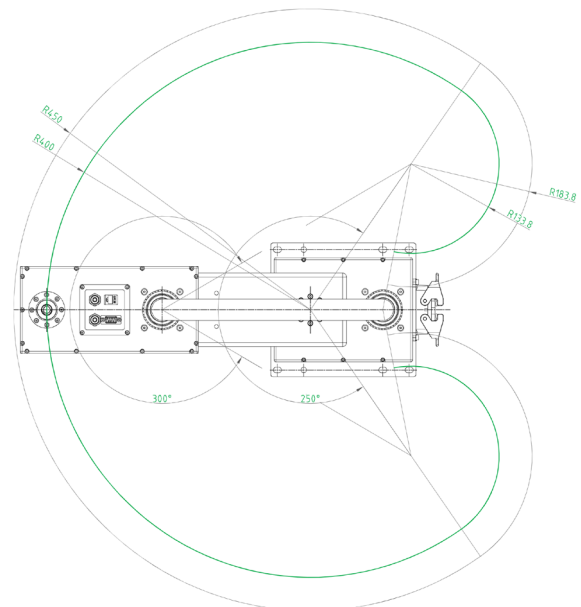
Specifications

| Item | Specification | |
|---------------------------------------|-------------------------------------|-----------------------------------|
| Brand | Pal®A4 | |
| Robot Model | PSA400 | |
| Structure | SCARA Robot | |
| Degree of Freedom | 4 | |
| Payload (Max.) | 1 Kg (3kg) | |
| Reach | 400mm | |
| Weight | 19 Kg (cable not included) | |
| Repeatability | ± 0.03 mm | |
| Max. Speed | Axis 1 | 540 °/s |
| | Axis 2 | 540 °/s |
| | Axis 3 | 337.5 °/s |
| | Axis 4 | 2,160 °/s |
| Range of Motion | Axis 1 | ± 125° |
| | Axis 2 | ± 150° |
| | Axis 3 | 150 mm |
| | Axis 4 | ± 360° |
| Allowable moment of inertia for wrist | Axis 4 | 0.01 kg·m ² |
| Motor power consumption | Axis 1 | 400 W |
| | Axis 2 | 200 W |
| | Axis 3 | 100 W |
| | Axis 4 | 100 W |
| User cabling | Electrical | D-Sub 9pin x1ea RJ45 8pin x1ea |
| | Pneumatic | Φ4mm x 2ea |
| Installation | Floor | |
| Ambient Temperature | 0 to 45°C | |
| Ambient Humidity | 25 to 85% RH (without condensation) | |
| Noise Level | < 70 dB | |
| Certification | CE, KCs | |
| Controller | RCA800 | |
| Power | Single Phase AC200-240V | |
| Power Supply Voltage | 1.1 kVA | |

Dimension



Range of Motion



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