

SWIVEL UNIT

ASU-G Series

Features



- Reversing combination unit, where 2 hands can be installed at PRC-S Type Rotary Cylinder
- Easy wiring & piping process using hollow-hole
- Possible to mount connector type Auto Switch (easy install/removal, no wiring required) Basic mounting of Shock Absorber
- Wiring & piping twist preventive function with built-in air hose and sensor line
- With 180° swing mode, applicable to structure Auto Loader in CNC machine tool

Order Form

ASU 30G - P150C

①

②

③

① Series

② Bore size

| Name | Bore size(mm) |
|------|---------------|
| 30G | 30 |
| 40G | 40 |

③ Auto Switch type

| | |
|-------|--|
| Blank | None |
| P150C | Distance proximity type (M8×P1, 3-wire, 150mm) |

Specification

| Model | ASU30G | ASU40G |
|---|---|--------------------------|
| Rotation angle(°) | 90 ~ 180 (Adjustable) | |
| Cushion specification | Standard mounting of Shock Absorber | |
| Rotation time(sec) | 0.5 ~ 1.5 | 0.7 ~ 2.0 |
| Effective torque(kgf · cm) <small>Note 2)</small> | 14×P | 31×P |
| Maximum radial load(kgf) <small>Note 3)</small> | 68 | 83 |
| Maximum thrust load(kgf) | 48 | 63 |
| Main body weight(kgf) | 3.4 | 6.7 |
| Air port size | PT1/8 | PT1/8 |
| Fluid | Clean air <small>Note 1)</small> | |
| Air pressure(kgf/cm ²) | 3 ~ 7 | |
| Lubrication | No need (if need, use one sort of turbine oil: SPEC ISOVG 32) | |
| Temperature(°C) | 5 ~ 60 | |
| Rotary tip angle adjustable clearance(°) | ±1.5 | |
| Shock Absorber specification | M20×P1.5 (For high load) | M25×P1.5 (For high load) |
| Allowable energy(kgf · cm) | 45 | 57 |

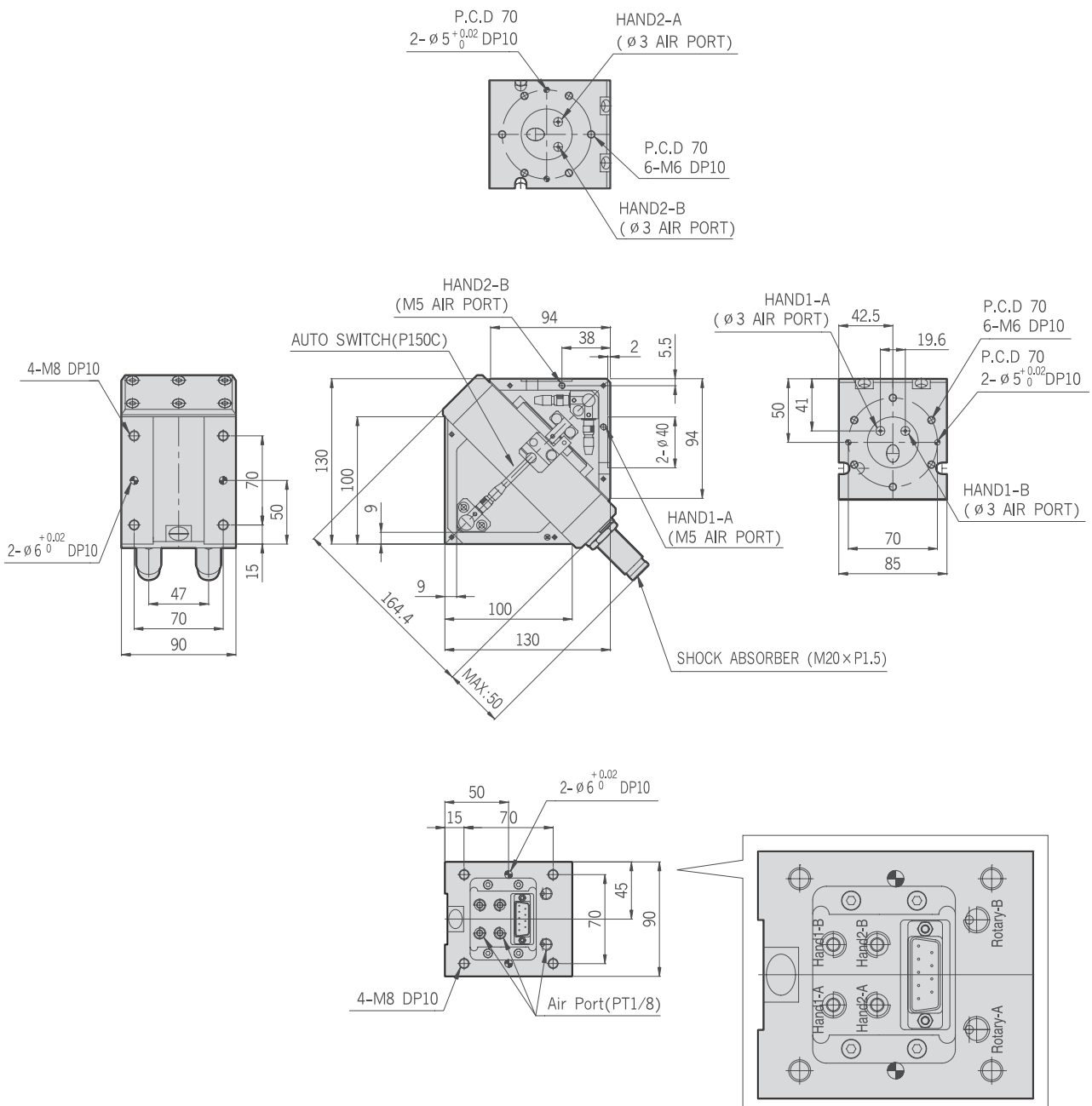
Note 1) Clean air: Fresh air containing solid matters with 0.3% of supersaturated moisture and 99.9% of liquid oil that passed through the 3~10 μ m degree of filtering

Note 2) P: Air pressure(kgf/cm²)

Note 3) Maximum radial load is the allowable value at the center of rotary block.

* For detailed model selection method, please refer to page 580.

ASU30G



ASU40G

