Introduction of Arc Welding Process Equipment

Spatter Resistant Cylinders for Arc Welding

- Achieves long service life by the use of the three roles of the coil scraper, Lube-retainer and grease for welding in one unit for a cylinder.
- Reduces spatter adhesion.

Long Service Life

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Dimensions are the same as with coil scraper type (-XC35) and mounting is interchangeable. Possible to replace cylinders in existing equipment.

Specialty Actuators

- Pin Shift Cylinder for High Precision Positioning
  CKQG-X2370
  - Rod end deflection: ±0.1 mm or less

- Offset Pin Shift Cylinder
  CDQ2B-X2639
  - With plate extended: Deflection of ±0.1 mm or less

- Slim-line Power Clamp Cylinder
  CK22N-X2346
  - A high clamping force is obtained through the toggle mechanism.

- Frame Clamp Cylinder
  WRF100
  - High output 20000 N at max.

- Compact Clamp Unit
  CDQ2B20-DCT1719T
  - Compact clamp unit based on the compact cylinder

- Center Lock Unit
  MA331-X441
  - Can switch from center lock (for locating) to free (for releasing workpiece)

- Compact Clamp Unit
  CDQ2B32-DCR0859R
  - Compact clamp unit based on the compact cylinder

- Center Lock Unit
  MA331-X441
  - Can switch from center lock (for locating) to free (for releasing workpiece)

- Thermo-chiller
  HRS Series
  (Water-cooled torch)

Gas/Air Switching Valve

- SSSY7-X242-Q
  - Improved nozzle service life, reduction of the number of replacements and the tip costs
  - Tip service life can be extended by blowing the air after arc welding.
  - Shield gas valve and air blow valve are integrated.

Detection Switches

- Digital Flow Switch
  PFM7 Series
  - Allows flow rate control and value management of shielding gas.
  - Compatible with the mixed gas (Ar + CO2)

- High-Precision Digital Pressure Switch
  ISE20B Series
  - Allows pressure control and value management of shielding gas.

Tubing/Fittings/Flow Control Equipment

- FR Three-layer Polyurethane Tubing
  TRTU Series
  - Spatter resistance is improved by installing an aluminum layer between the outer layer and inner tube.

- Thermo-chiller
  HRS Series
  (Water-cooled torch)

- Center Lock Unit
  MA331-X441
  - Can switch from center lock (for locating) to free (for releasing workpiece)

- Metal One-touch Fittings
  KQB2 Series
  - All metal except seal parts

- Speed Controller
  AS-X737
  AS Series
  - All metal except seal parts

- Spatter Cover
  KQB2-X1124
  - Prevents adhesion and entry of welding spatters.
  - Silicone rubber

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