Electric Servo Weld Gun CRT-E
Electrically Driven Servo Weld Gun

The demands for high process speed, production reliability and genuine quality is a main focus in the automotive industry. ABB proudly presents the new Electric Servo Gun, CRT-E, an answer to your demands.

- No equalizer for trouble-free positioning
- Uniform gun body, excluding robot attachment, for all alternatives
- Operates as a seventh axis on ABB robot S4C+ and later
- Saves up to 20% cycle time
- Rigid and service friendly design
- Easy to install and program
- Low energy consumption and long life time
- Slow Approach function
- Silent process
- Less mechanical wear
CRT-E
Electrically Driven Spot Weld Gun

Designation principle: CRT-E-BxH (example: CRT-E-150x400)

E= Electrode stick-out. Note that the stick-out and weld force must be validated by ABB.

T= Distance from robot centre to transformer outer edge. Varies between different brands. Example: 56 kVA = 280 mm

Technical Information Servo

Servo weight: ................................22 kg

Maximum total opening stroke excluding “over weld” (15 mm): ....................185 mm

Maximum weld force (gun): ............ 700 daN

Robot integration: ........... ABB S4C+ and later

Accessories

- Tool Changer
- Gun hanger
- Transformer type
- Robot attachment position
- Electrode standard

Robot Attachment

Front Right Left Top Rear

Arm configurations

Robot Attachment

Front Right Left Top Rear

Accessories

- Tool Changer
- Gun hanger
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