

CU30/CP TYPE

These locking bolts are simple effect linear solenoids, where the shaft has been reinforced to assure the performance in case of radial stress. This model assures the locking with voltage (active security). It has got lateral and frontal fixing.

Its design makes it good to be used in robotics where an intensive work is required.

Solenoid protection rate: IP40

Insulation class: E (120°C)

Standard voltage: 24Vdc

Duty-cycle (ED%): 100 or 25

Absorbed power at 20°C: 7.5 W(ED100%); 29W(ED25%)

Under demand voltage: Vdc (from 3V to 205V)

Standard stroke "s": 10mm

Temperature rising "ΔV31": 70°C

Plunger weight (g): 60

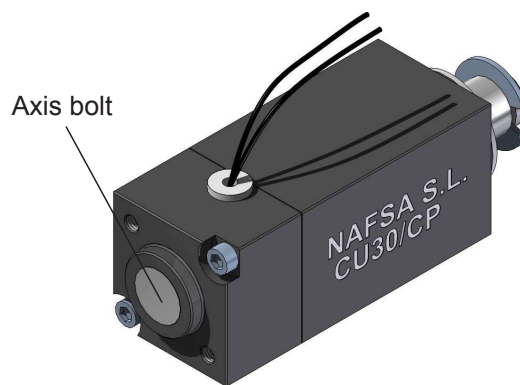
Locking bolt weight (g): 330

Return spring incorporated: YES

Return force ED100%(N): from 1.5 (compressed spring, with voltage) to 1 (free, without voltage)

Return force ED25%(N): from 2.8 (compressed spring, with voltage) to 1.8 (free, without voltage)

Maximum radial effort (N): 3000N



1) Voltage under demand:

They can be manufactured at any voltage between the maximum and minimum voltage values shown in the chart.

2) To feed in alternating current the solenoid will have a rectifier mounted in.

3) If any change from the original is needed, please contact us.

Ordering code:

CU30/CP --V ED100%

Example:

24Vdc 100%ED: CU30/CP 24Vdc ED100%

48Vdc 25%ED: CU30/CP 48Vdc ED100%

Solenoid shown under voltage

