

Supplies compressed air in an environment with no air source such as cobots, AGV and AMRs

Compact Compressor CRP Series

New Product



Questionnaire
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Controller

Compact

Width Height Depth
154 mm x 134 mm x 100 mm

Lightweight

Weight
3.5 kg (Compressor: 3.1 kg, Controller: 0.4 kg)



Brushless motor used

Compressor

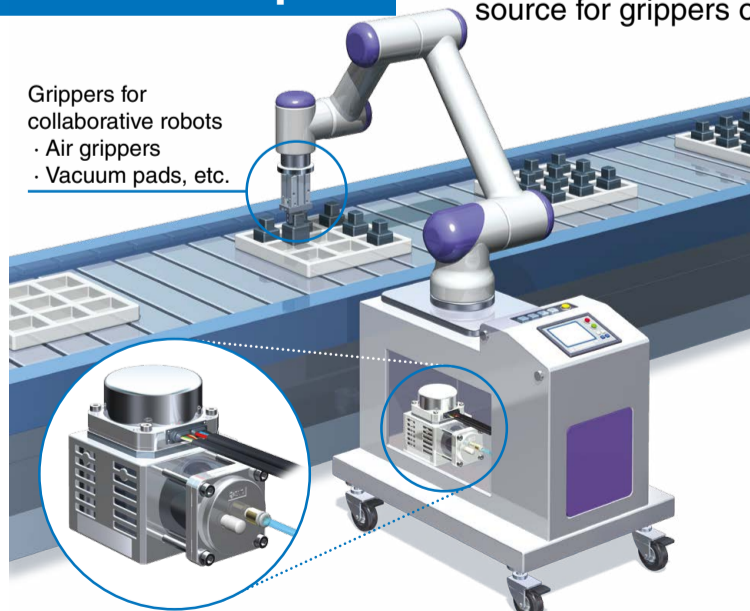
■ A single unit can be used to provide positive or vacuum pressure (vacuum pump).

Max. discharge pressure: 0.55 MPa, Ultimate vacuum pressure: -70 kPa

* Use of the product as a vacuum pressure source after it is used as a positive pressure source (and vice versa) is prohibited because doing so degrades the performance.

■ Max. flow rate of 10 L/min (ANR)
■ Reaches the ultimate vacuum pressure (-70 kPa) in 0.2 seconds

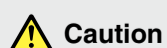
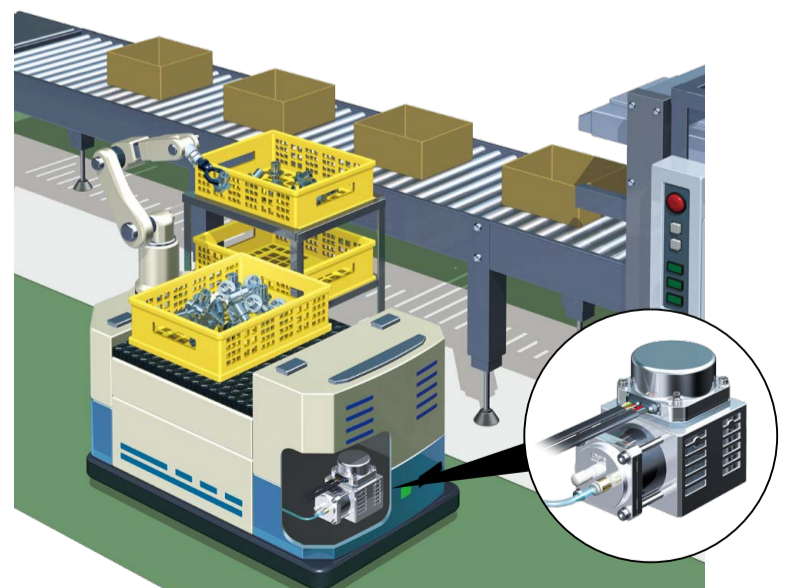
Application Examples



Grippers for collaborative robots
· Air grippers
· Vacuum pads, etc.

Installed as an air or vacuum source for grippers of cobot

Autonomous mobile robot



Caution

The application described here is for reference only and performance is not guaranteed. For actual usage in various other applications, please conduct thorough evaluation and validation testing in order to determine the feasibility under your actual usage conditions. Furthermore, please contact your local SMC sales representative for individual pricing and delivery verification.