Purpose of a Compact Pneumatic Cylinder

A compact pneumatic cylinder is often used in industrial or process applications where space is limited. In our latest article, MGA Controls discusses compact pneumatic cylinder selection and potential compact pneumatic applications.

Compact pneumatic applications

Compact pneumatic applications are often where space is precious. A short stroke pneumatic cylinder functions on the same principle as a pneumatic actuator, however they are often used where space is limited. Common compact pneumatic applications include:

- Automotive
- Medical
- Food & Beverage
- Work holding Equipment

Compact pneumatic cylinder selection

At MGA Controls, we have a wide compact pneumatic cylinder selection from Norgren. Below, we outline some of the more popular compact pneumatics for space saving applications.

The Norgren RA/191000 Series is a spring return ISO compact pneumatic actuator, offering high performance and maintenance free pneumatic solution. With a range of bore sizes between 20mm-63mm, and maximum stroke length of 50mm, this short stroke cylinder functions with a ‘sprung in’ resting state. The Norgren RA/191000 is also offered at an exclusive price when purchased from our online store.

Another favourite from our compact pneumatic cylinder selection is the Norgren RM/92000 Series which is a double acting short stroke compact actuator with magnetic piston. This short stroke cylinder functions with a high thrust, in one third of the space of an ISO/VDMA cylinder. Also, working with a maximum stroke of 300mm and a bore diameter from 12-100mm, you receive high performance whilst also saving space. The RM/92000 is ideal for applications where space is at a premium.

For more information on our pneumatic cylinder selection, contact the technical team at MGA Controls today on 01704 898980 or email sales@mgacontrols.co.uk. One of the team will be happy to guide you to the product that is right for you. If you are ready to purchase a compact pneumatic cylinder, have a look at our online store, where we have web exclusive prices and offers.