

What are ISO standards for pneumatic cylinders?

ISO, otherwise known as the International Organisation for Standardisation, is an independent body that develops common, international standards for businesses around the world to voluntarily adhere to. It works to help both consumers and businesses alike. Here, [MGA Controls](#) discuss the **ISO standards for pneumatic cylinders** and what they mean.

What are ISO standards?

ISO standards are put in place to help businesses increase productivity, minimise errors and reduce waste. The aim of the standards is to support companies when entering new markets, assisting the development of global trade on a fair basis. From a consumer point of view, ISO standards safeguard end-users, ensuring certified products conform to the minimum standards set internationally.

Below, we look at the **ISO standards for pneumatic cylinders**.

ISO standards for pneumatic cylinders

Pneumatic cylinders can conform to different ISO standards, depending on the specification of the product. **ISO standards that relate to usability** allow end-users to understand the products compatibility with mountings or accessories. At MGA Controls, our range of ISO certified pneumatic cylinders conform to ISO 15552 and ISO 6432 standards, all relating to the usability of a product when external mountings are appended.

The **ISO 15552-cylinder standard** refers to the dimensions of the basic product and the size of the cylinder when mountings and accessories are applied. By looking for to this standard, end users can understand whether the product is the right size to be utilised in their specific application. This ISO standard for pneumatic cylinders refers to both single and [double-acting pneumatic cylinders](#), with or without the provision of magnetic sensors.

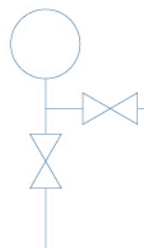
Pneumatic cylinders conforming to ISO 15552



[Norgren PRA/182000 Series](#) is a double acting pneumatic actuator, conforming to **ISO cylinder standard** 15552 and VDMA standards. It is high performing, stable and reliable, available in a range of diameters, from 32mm-125mm.

The maximum stroke length of the PRA/182000 is 3000mm. This pneumatic cylinder is incredibly versatile and can be used with a wide range of accessories and mountings, ensuring a perfect fit in any application.

The polyurethane seals allow efficient, low friction operation and a long service life.



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