

Standard cylinders ADN/AEN to ISO 21287

FESTO



For maximum productivity in confined spaces!

More than the standard

- Broad range of applications with sizes and functions exceeding the standard
- Diameters ranging from 12 to 125 mm
- Extensive range of variants can be configured to meet individual requirements
- Comprehensive range of mounting accessories for just about every installation situation

Standard plus functions = maximum range of applications!

More – thanks to services connected with the product

- Festo software tools for reliable planning and design
- CAD models for easier and faster design

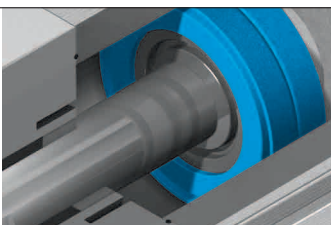
- Service worldwide – on-site in more than 170 countries

Attractive price plus time-saving services = reduced costs!

More from high performance system

- High speeds and machine cycles thanks to excellent running characteristics and outstanding cushioning characteristics
- Up to 50 % less fitting space compared with standard cylinders to ISO 6431
- Systematically thought out – 1 proximity sensor, can be used on three sides (type 8 slot) for all sizes and many other cylinder families
- Shortest delivery times and most attractive price

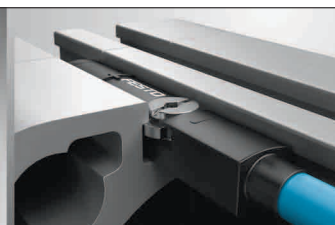
Innovation plus quality = a champion!



Patented 3-component piston



More compact



One for all: SM...-8M

127.1.PSI →

Product Short Information

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Modern drives – Systematically more economical!*

ADN/AEN standard cylinders at a glance







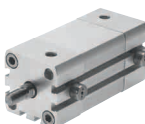
Standard types for fast purchasing, modular types for greater flexibility.

Defined standard types, which are simply ordered using part numbers, cover the most popular sizes and are available ex-stock at a very favourable price.

The ADN modular system offers a comprehensive range with many features to ensure that all requirements can be met. Individual combinations mean a high level of functionality and guarantee the best possible technical solution for almost every application.

More than just performance – the 3-component principle

The strength lies in the detail. One such example is the patented 3-component piston with excellent running characteristics and outstanding cushioning characteristics in the end positions – for high speeds and machine cycles. The compact 3-component piston also saves on fitting space, which has been utilised for a longer piston rod bearing. The result is greater guide precision and higher load capacity to resist lateral forces. And all of this in up to 50% less fitting space compared with standard cylinders to ISO 6431.

Basic cylinders	Type	Description
	ADN	Double-acting cylinder <ul style="list-style-type: none"> Inexpensive standard strokes for standard functions Wide choice of variants within a modular system for individual combination as desired
	AEN	Single-acting cylinder <ul style="list-style-type: none"> Piston rod assumes defined position in case of supply pressure failure Requires compressed air only for working stroke
	ADNGF	Guided cylinder <ul style="list-style-type: none"> Guide rods and yoke plate For particularly demanding requirements Non-rotating, with plain-bearing guide, for correctly-oriented feeding, with ability to absorb torques and high lateral forces.
	ADNM	Multi-position cylinder <ul style="list-style-type: none"> This consists of several cylinders of different lengths connected end to end and allows up to 5 positions to be approached
	ADNH	High-power cylinder <ul style="list-style-type: none"> In case where normal cylinders cannot deliver the required power, or the available installation space is limited Up to 4 times the power for the same cross-section
	ADN...-KP	Cylinder with clamping cartridge Force-locking interlock to maintain load position at any point in the entire stroke range in the case of a compressed-air supply failure
	ADN...-EL	Cylinder with end-position interlock Positive-locking interlock at end positions to prevent uncontrolled movements. <ul style="list-style-type: none"> End lock at advanced end position End lock at retracted end position End lock at advanced and retracted end positions

Depending on the basic cylinder concerned, a large number of additional functions are also available for individual configuration within the modular system.

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* Representatively tested and certified with products ADVU, DGPL and DNC.