

# NEWSLETTER

#01/2013

KEEP UP WITH THE NEWS!

## New pneumatic cylinder type VC for LOHSE-valves

A specially developed linear cylinder for corrosive media under the most demanding of operating conditions, available sizes: Ø 100, Ø 125, Ø 160 and Ø 200 mm

A compact construction according to the latest industrial design



- No external parts
  - dirt can be easily removed
- Stroke can be precisely adjusted in both directions and as a result can be used on a wide variety of valve types
- Light weight on account of its aluminium construction
- Low maintenance due to a life time cycle of lubrication
- Strong rods running the length of the cylinder barrel thus easy to remove
- Sturdy piston rod in stainless steel precisely guided

An integrated NAMUR interface according to VDI/VDE 3845 to enable the direct mounting of the solenoid valve

- No tubing is necessary from the solenoid valve to the cylinder
  - saving fixtures and air connections
  - reduction of leaks
- Straightforward mounting of the solenoid valve via two screws
  - mounting bracket no longer necessary
  - reduction of assembly time
- Direct connection of the solenoid to the main air line
  - expensive pneumatic control cabinets are thus eliminated
- Much improved air flow, the volume of flow is channelled internally in the piston area enabling a more direct response of cylinder piston and thus avoiding a jerking effect of the piston
- Lower stock-holding costs as identical solenoid valves suit all cylinders
- Connection: ¼": Ø 100, Ø 125, Ø 160      ½": Ø 200

## A profiled barrel with slots

- Made from anodized aluminium for optimum wear and slide characteristics
- Built-in T and C slots according to ISO 15552 for contactless position recognition
  - easy insertion of common cylinder proximity switches
  - very clear visibility of the piston position even from a distance via integrated LED indicators on the proximity switches
- Cost reduction
  - > via the elimination of expensive brackets to mount conventional proximity switches
  - > reduced installation time
- Accessibility
  - > straightforward and practical adjustment is enabled
  - > in safety as guards do not need to be removed



## Magnetic piston

- Magnetic as standard
  - no retrofitting necessary
  - the change to a contactless position recognition is always possible



pneumatic cylinder  
type VC Ø125 with  
NAMUR solenoid valve  
and limit switch

More information on request.  
Datasheets available for download on our website.