

**SERIES ASX**  
**ANGLE SEAT VALVE**



# SERIES ASX FLUID CONTROL WITHOUT COMPROMISE



VERSION WITH  
WELDING ENDS  
DIN 11850-2  
AND DIN 11850-3

THREADED VERSION  
BSP DIN ISO 228-1  
BSPT DIN 2999-1  
NPT ASME B1.20.1

TRI-CLAMP  
VERSION  
ISO 2852

FLANGED  
VERSION  
DIN 2543

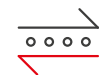
The angle seat valve is a pneumatically-operated valve designed to control steam, liquids, gas and fluids that contain suspended solid particulate matter. The shape of the body enables a high and constant flow, whilst ensuring a low pressure drop.

Made entirely of stainless steel, this valve is the ideal solution for many industrial applications, from steam production and water treatment plants through to the food and chemical industries, where besides high flow rates, the control of viscous fluids is also required. The Series ASX is available in a range of different versions based on the nominal diameter, the medium to control and the connections required by the application. There are also specific models available to be installed in applications with flow direction under the poppet, in order to prevent or reduce the water-hammer effect when closing the valve.

## BENEFITS



**High flow rate**



**Low fluid resistance**



**Versions available  
that prevent  
water-hammer effects**



**Compliant with Directive  
PED 97/23/EC**



**Compliant with  
the ATEX Directive**

# Industrial sectors and applications



## General data

TECHNICAL FEATURES	
Function	2/2 NC - 2/2 NO - 2/2 Double acting
Operation	pneumatic, poppet type
Pneumatic connections	1/4...4" with BSP/BSPT/NPT threads, flanged, with welding ends, tri-clamp
Nominal diameter	DN8 ... DN100
Flow coefficient Kv (m <sup>3</sup> /h)	2.2 ... 132
Operating pressure	0 ÷ 2 ... 16bar
Operating temperature	-10 ÷ 180 °C (standard seals) / 25 ÷ 220°C (high temperature seals)
Media	water, air, steam, liquids and inert or corrosive gases compatible with the materials they come into contact with
Viscosity	600 cSt. max
Installation	in any position
MATERIALS IN CONTACT WITH THE MEDIUM	
Body	316 stainless steel
Seals	PTFE
Internal parts	316 stainless steel
SPECIFICATIONS PNEUMATIC ACTUATOR	
Actuator dimensions	Ø40 - Ø50 - Ø63 - Ø90 - Ø125 mm
Actuator material	304 stainless steel / aluminium (only for Ø 125 mm)
Piston material	aluminium
Piston seal material	FKM
Piloting fluid	air or inert gases

## Contacts

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