



**Nacional**  
SAFETY VALVES



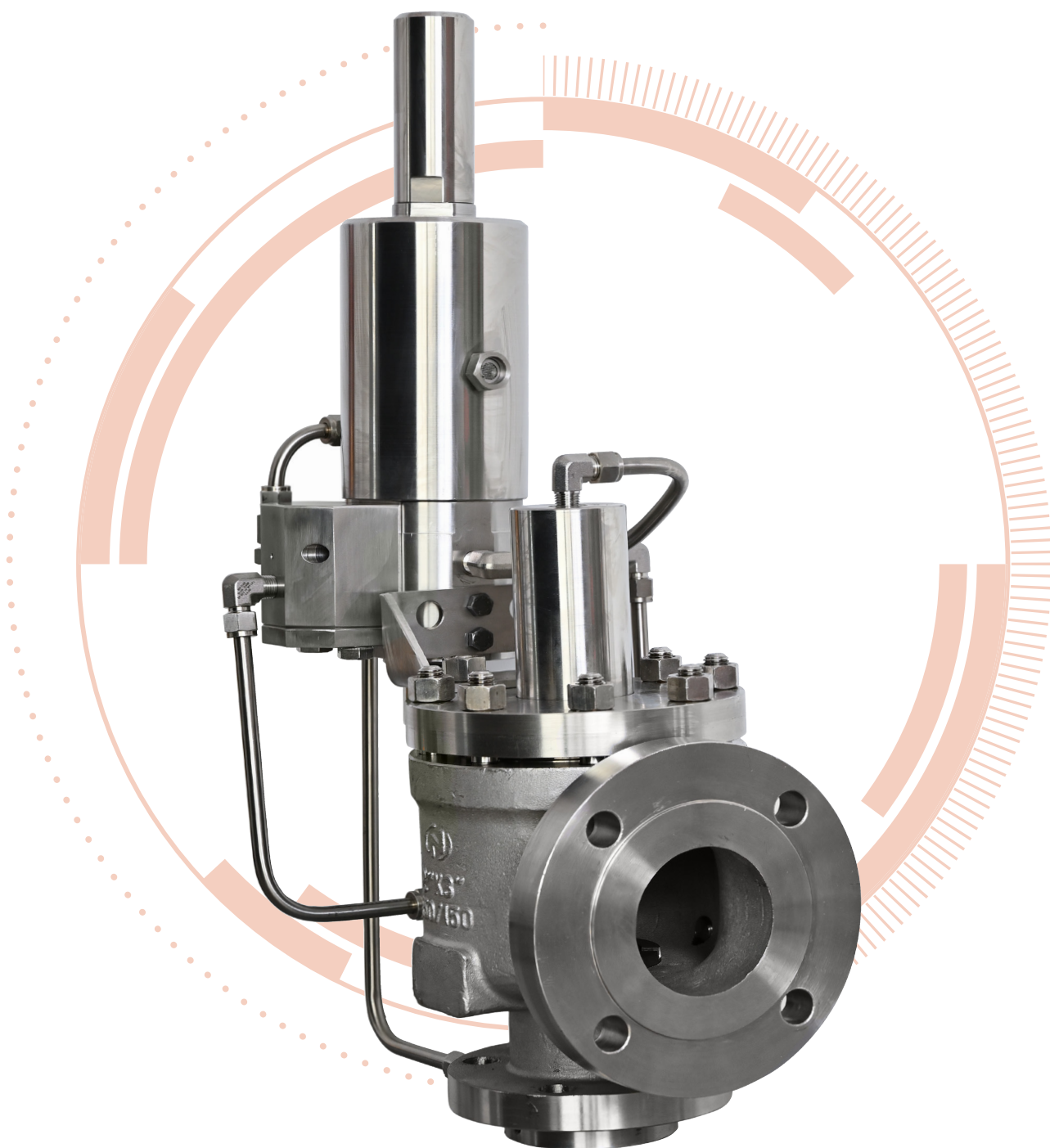
**Pilot Operated  
Safety Relief Valve**

## ■ The Company

VALVULAS NACIONAL, S.A. was established in Spain in 1976 with the aim to assist the petrochemical and chemical industries emerging in Spain at that time.

Since its integration into the Pekos group, the R&D department together with the Technical Office have been immersed in the development of new products that provide the best and most optimal security solutions for our customers.

The result in this case is the new pilot valve that we present.



## General Features

### Codes And Standards

Designed and manufactured in compliance with the following directives, codes and standards:

European Directive:	2017 / 68 / UE
European Directive:	2014/34/UE (ATEX).
Design:	EN ISO-4126-1 & ASME VIII Div. 1
Certifications:	PED Modul B+D / ASME "UV" & "NB"
Pressure & Temperature Limits:	API 526 & ASME B16.34
Tests:	API 527 & ASME B16.34
Quality system	EN ISO -9001-2015
Materials:	ASTM / ASME & EN

### Sizes And Ratings

Standard

ASME	
Sizes:	1" x 2" up to 8" x 10"
Rating:	150# up to 2500#

EN - ISO	
Sizes:	DN-25 x DN-50 up to DN-200 x DN-250
Rating:	PN-10 up to PN-420

## Performance

Pilot	P01S	P01M
Action	Snap / Pop	Modulating
Type	Non flowing	Non flowing
Min ÷ Max set pressure [ barg ]	3.5 ÷ 155	1 ÷ 155
Full lift overpressure	2% of Pset	0.1 bar or 5% whichever is the greater
Backpressure		
Maximum pressure at pilot outlet	65% of Pset	65% of Pset
Min ÷ Max relieving temperature [ °C (°F) ]	-40 (-40) ÷ 245 (473)	-40 (-40) ÷ 245 (473)
Media	Gas ÷ Steam ÷ Liquid	Gas ÷ Steam ÷ Liquid

## Accessories

	01P			01MP		
	Available	Built -in	Standard	Available	Built -in	Standard
Back-Flow Preventer	■	■			■	
Field Test Arrangement	■			■		
Lifting Lever	■		Over 60°C (140°F)	■		Over 60°C (140°F)
Manual Blowdown Valve	■		For steam service	■		For steam service
Internal Pressure Pick-up	■			■		
Remote Sensing	■			■		
Device for remote warning of valve opening	■			■		



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