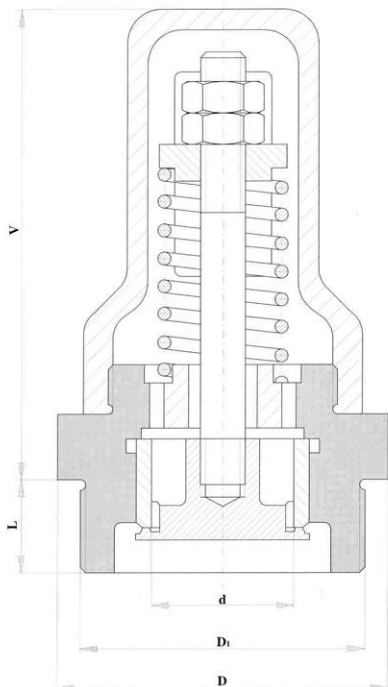


# Spring-loaded air-inlet valve with threaded neck

P 80 147-516



## Application

Safety valve to prevent various equipment against vacuum exceeding allowable value within the range from 0,001 MPa to 0,097 MPa. Standard version allows surrounding air to be sucked into the equipment if service pressure drops by about 0,01 MPa below barometric pressure. Suitably adjusted filter screen or strainer must be used in dusty areas to ensure that the air taken in is clean.

## Technical description

The valve has a threaded neck. Closing disc fits in a seat pressed into the valve body. The disc is pressed into the seat by a tightening stud and held tight by a spring.

## Connecting and end-to-end dimensions

End-to-end dimensions are given in the table.

## Material

Body, cover	carbon steel (42 2643.1)
Disc, seat	nonferrous metal
Spring	special steel

## Testing

The valve is tested as per ČSN 13 4309.2, DIN 3230.

## Installation

The valve must be installed only in vertical position with the tightening stud above the disc.

## Operation

Automatic.

DN	D	L	V	d	D <sub>1</sub>	kg
50	100	30	150	50	M 90 x 2	5