

## **BOA-CVP H:**

### **Short text:**

Metal-seated control valve in straight-way pattern, with pneumatic actuator, for use in general industrial plants, cooling and heating circuits, etc., DN 20-150 PN 16 or PN 25, face-to-face length to EN 558/1, body made of EN-GJS-400-18-LT, pneumatic multi-spring diaphragm actuators, standard fail-safe position: spring-to-open or spring-to-close, comprehensive range of accessories

**Manufacturer/type: KSB/BOA-CVP H**

Pressure class: PN 16 or PN 25  
Nominal size: DN 20-150  
kvs values: 2.5 m<sup>3</sup>/h – 340 m<sup>3</sup>/h  
Characteristic: linear or equal-percentage

### **Long text:**

Metal-seated control valve in straight-way pattern with pneumatic multi-spring diaphragm actuator, for use in general industrial plants, cooling and heating circuits, etc.

Control valve available with linear or equal-percentage characteristic, body made of EN-GJS-400-18-LT, face-to-face length to EN 558/1, DN 20-150 PN 16 or PN 25, optionally available with maintenance-free PTFE V-packing or high-temperature resistant graphite gland packing, -10 to 350 °C, trim made of 1.4571, with blue exterior coating (similar to RAL 5002); designed, manufactured, tested and marked in acc. with the European Pressure Equipment Directive.

Pneumatic multi-spring diaphragm actuators from 1500 N to 26,000 N, fail-safe position either spring-to-close or spring-to-open

**Manufacturer/type: KSB/BOA-CVP H**

Pressure class: PN 16 or PN 25  
Nominal size: DN 15-150  
kvs values: 2.5 m<sup>3</sup>/h – 340 m<sup>3</sup>/h  
Characteristic: linear or equal-percentage

### **Variants:**

#### *Control valve:*

Seat with PTFE gasket up to +250°C (leakage class VI)

Anti-cavitation design

Very low kvs values from 0.1 to 2.1 m<sup>3</sup>/h

Balanced plug from nominal size DN 65

Special flange designs

High-temperature resistant paint (grey aluminium)

## ***Actuator accessories***

Siemens SIPART PS 2 positioner

Alarm module for 3 alarm outputs and 1 binary input for SIPART PS 2

IY module for actual-position feedback signal (4-20 mA) for SIPART PS 2

Pressure gauge block for SIPART 2

Filter/reducing station ¼"

Filter/reducing station ½"

3/2-way solenoid valve, 24 V or 230 V

Either one or two electric limit switch(es)

Either one or two inductive limit switch(es)

**Typical tender for BOA-CVP H**

**7524.521/01-EN**

**Subject to technical modification without prior notice**

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