

BOA-CVE H

Short text:

Metal-seated control valve in straight-way pattern, with intelligent microprocessor-controlled 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, actuators 24 V AC or 230 V AC with continuous actuation or 24 V AC or 230 V AC with 3-point actuation

Manufacturer/type: KSB/BOA-CVE H

Pressure class: PN 16 or PN 25
Nominal size: DN 20-150
kvs values: 2.5 m³/h – 340 m³/h
Characteristic: linear or equal-percentage, or on/off disc

Long text:

Metal-seated control valve in straight-way pattern with intelligent microprocessor-controlled actuator, for use in general industrial plants, cooling and heating circuits, etc.

Control valve disc available with linear or equal-percentage characteristic or as on/off disc, 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.

Microprocessor-controlled electric actuators (continuous / 3-point 24 V AC or continuous 230 V AC) from 2000 to 14,000 N; all major parameters such as travel, actuating signal, actuating time, etc., can be configured electronically.

3-point 230 V AC electric actuators from 2000 to 14,000 N are controlled via limit switches.

CE-compliant as per EMC Directive, EC Directive on Low-voltage Equipment

Manufacturer/type: KSB/BOA-CVE H

Pressure class: PN 16 or PN 25
Nominal size: DN 15-200
kvs values: 2.5 m³/h – 340 m³/h
Characteristic: linear or equal-percentage, or on/off disc

Variants:*Control valve:*

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

Anti-cavitation design

Very low kvs values from 0.1 to 2.1 m³/h

Balanced plug from nominal size DN 65

Special flange designs

High-temperature resistant paint (grey aluminium)

Actuators:

Actuator configured to match the order specification

Integrated process controller

Power back-up unit ("Accupack" rechargeable battery pack)

Heating of the motor space

Typical tender for BOA-CVE H

7525.521/01-EN

Subject to technical modification without prior notice

23 April 2018