

BOA-Control IMS EKB:

Short text:

Soft-seated balancing and shut-off valve with flanged ends, with ultrasonic sensors for measuring flow rate and temperature, sensors not in contact with fluid handled; for use in water supply, air-conditioning, ventilation, drinking water systems and industrial cooling circuits, face-to-face length to EN 558/1, single-piece body made of EN-GJL-250 (5.1301), with non-rising handwheel, throttling plug, scaled position indicator, locking device, travel stop, with internal and external electrostatic plastic coating (EKB), DIN-DVGW-approved for drinking water

Manufacturer/type: KSB/BOA-Control IMS EKB
Pressure class: PN 16
Nominal size: DN 15-200

Long text:

Soft-seated balancing and shut-off valve with flanged ends, with ultrasonic sensors for measuring flow rate and temperature, sensors not in contact with fluid handled; constant measuring accuracy when combined with BOATRONIC MS or BOATRONIC MS-420 independent of minimum differential pressures; with locking device, travel stop, scaled position indicator above the handwheel, face-to-face length to EN 558/1, single-piece body made of EN-GJL-250 (5.1301), for use in water supply, air-conditioning, ventilation, drinking water systems and industrial cooling circuits; straight-way valve in slanted seat design; suitable for full insulation in acc. with applicable German energy saving regulations (EnEV), with internal and external electrostatic plastic coating (EKB), DIN-DVGW-approved for drinking water, -10 to +40 °C, non-rotating stem made of 1.4021 with protected external thread, non-rising handwheel; with compact, fully EPDM-encapsulated throttling plug providing soft main and back seat, stem sealed by EPDM profile ring, maintenance-free, designed, manufactured, tested and marked in acc. with the European Pressure Equipment Directive

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Variants:

with lead-sealable cap (prevents unauthorised actuation) as assembly set

or

with electric actuator (DN 15-200)

or

as BOA-Control EKB model (suitable for flow rate and temperature measurement without permanently installed sensors), with internal and external electrostatic plastic coating (EKB)

Accessories:

BOATRONIC MS

Measuring computer for all KSB BOA-Control (EKB) and BOA-Control IMS (EKB) globe valves using ultrasonic sensors; directly displays DN, fluid handled, current flow rate and fluid temperature without prior input of valve travel; constant accuracy independent of minimum differential pressures, 4-key operation for all menu options, data transfer between BOATRONIC MS and customer's IT system via USB interface, self-checking and self-calibrating upon start-up, fluid data can be selected, with battery compartment for 4 x 1.5 V AA MIGNON batteries (not included in scope of supply), automatic warning when voltage drops below the permissible minimum voltage (BAT), operating manual in three languages, sturdy cardboard packaging; scope of supply includes magnetically attaching sensor set 01619400 for measuring all BOA-Control globe valves.

BOATRONIC MS-420

Measuring computer for permanent measurement set-ups with all KSB BOA-Control IMS (EKB) globe valves using ultrasonic sensors; directly displays DN, fluid handled, current flow rate and fluid temperature; analog transmission (4-20 mA output signal) of current flow rate and fluid temperature, constant accuracy independent of minimum differential pressures, 4-key operation for all menu options, self-checking and self-calibrating upon start-up, fluid data can be selected, 24 V DC power supply, operating manual in three languages, sturdy cardboard packaging.

Extension cable

Extension cable for measuring computers BOATRONIC MS and BOATRONIC MS-420, extension of connection between sensor and measuring computer, length: 1.2 m

Typical tender for BOA-Control IMS EKB

7128.522/01-EN

Subject to technical modification without prior notice

23 April 2018