

## **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

**Manufacturer/type:** KSB/BOA-Control IMS EKB

Pressure class: PN 16

Nominal size: DN 15 - 200

### **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 measurement with all KSB BOA-Control and KSB BOA-Control IMS 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, with automatic and manual calibration and measuring function, 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; including magnetically attaching sensor set for measuring all BOA-Control globe valves

### **BOATRONIC MS-420**

Measuring computer for permanent measurement set-ups with all KSB BOA-Control IMS 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, fluid temperature and error messages, constant accuracy independent of minimum differential pressures, 4-key operation for all menu options, with automatic and manual calibration and measuring function, 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

**Lead-sealable handwheel cap** prevents unauthorised closing, as assembly set

**Typical tender for BOA-Control IMS EKB**

**7128.522/02-EN**

**Subject to technical modification without prior notice**

**26.05.2020**