

BOA-Control:

Short text:

Soft-seated balancing and shut-off valve with flanged ends, suitable for measuring flow rate using ultrasonic sensors and for measuring temperature, sensors not in contact with fluid handled; for use in heating, ventilation, air-conditioning systems and 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 and insulating cap with anti-condensation feature

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

Pressure class: PN 16
Nominal size: DN 15-200

Long text:

Soft-seated balancing and shut-off valve with flanged ends, prepared for measuring flow rate using ultrasonic sensors and for measuring temperature, sensors not in contact with fluid handled; constant measuring accuracy when combined with BOATRONIC MS independent of minimum differential pressures; with locking device, travel stop, scaled position indicator above the handwheel, insulating cap with anti-condensation feature, face-to-face length to EN 558/1, single-piece body made of EN-GJL-250 (5.1301), for use in heating, ventilation, air-conditioning systems and cooling circuits; straight-way valve in slanted seat design; suitable for full insulation in acc. with applicable German energy saving regulations (EnEV), -10 to 120 °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, with blue exterior coating (similar to RAL 5002); 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
as BOA-Control IMS model (with flow rate and temperature sensors)

Accessories:

BOATRONIC MS

Measuring computer for all KSB BOA-Control and 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, 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 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.

Insulation shells

Insulation shells for heating applications, consisting of polystyrene case and polyurethane fill, for nominal sizes DN 15 to DN 150 in compliance with applicable German energy saving regulations (EnEV), up to a temperature of +130 °C, thermal conductivity 0.029 W/mK at 40 °C; locking rings or straps made of steel for closing the shells

Typical tender for BOA-Control

7128.523/01-EN

Subject to technical modification without prior notice

23 April 2018