

Figure 696 01 KHS-VAV-plus Maximum flow isolating ball valve with flow limiter, 2 l/min. with spring reset servodrive, 24 volts DC

Technical properties
With integrated primary pressure-dependent flow limiter 2 l/min. .
Medium-contacting parts made of gunmetal
Removable 'Top Entry' inner head part in conformity with EN 13828 and W 570
Pressure impact-free operation
Pressure stage PN 16
Simple maintenance when installed
Stagnant-zone-free
Connection to KHS-Logic System Control with positionfeedback
0 ... 10 V position feedback, 0 V = Drive closed / 10 V = Drive completely open
Supply voltage 24 V DC, Connection cable 0.9 m, 4 x 0.75 mm ²
Power consumption 2.5 V / 3.5 VA
Maintenance-free transmission
Permissible ambient temperature up to 55 °C
Protection class: IP 54
Valve closes automatically during power failures
Plastic parts with PDW certificate



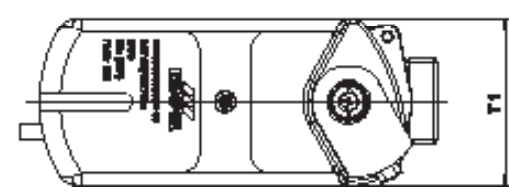
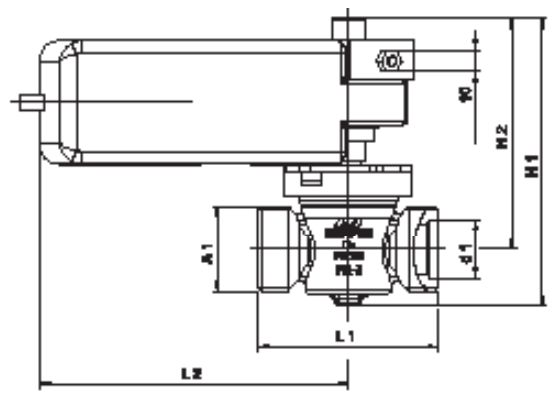
696 01 KHS-VAV Maximum flow isolating ball valve with spring-reset servodrive for KHS-Logic, 24 Volts

Product description / Tender text
KEMPER KHS-VAV-plus maximum flow isolating ball valve with spring-reset servodrive for KHS-Logic control system, especially suitable for the KEMPER Hygiene System KHS, consisting of:
Maximum flow isolating ball valve , with integrated primary pressure-dependent flow limiter 2 l/min, based on DIN EN 13828, corresponds to the drinking water hygiene requirements according to DVGW W 570, made entirely from gunmetal, resistant against aggressive water, brass-free in areas that touch fluids, with maintenance-free spindle sealing. 'Top Entry' head part can be removed from above, made with EPDM gasket body with rotating-supported gunmetal closing body, stagnant-zone-free, can be rotated 90°, based on DIN/ DVGW with soundproofing certificate, rated pressure PN 16 and
Servodrive , for connection to the KHS-Logic System Control as 2-point control with valve feedback completely open, supply voltage 24 V DC, , runtime motor 90° 90 sec., closes with spring 15 sec., reset during voltage drop, electronic torque-dependent switch off with self-centring lock lever and fixed flange for mounting on the valve, hexagonal spanner for manual adjustment or spring-lift, connection cable 0.9 m, 4 x 0.75 mm ² ,
both sides with outer (male) thread for universal connection to fittings for copper, steel, stainless steel and multilayer duplex tubes, DN 15 (3/4")

Optionally available accessories	
Connection screws	476
Conversion module 24 V AC	686 01 001

Dimensions		
Nominal width	DN	15
Overall height (H1)	mm	135
Overall height (H2)	mm	110
Length (L1)	mm	68
Length (L2)	mm	150,3
Connection dimension (A1)		G 3/4
Depth (T1)	mm	81
Diameter (d1)	mm	18

Materials	
Housing, head part	Gunmetal
Spindle	Gunmetal
Flow limiter	Plasic
Coupler	Brass
Drive housing	Light-metal cast alloy
Axis adapter	Steel
Flange adapter	PA



**Figure 696 01 KHS-VAV-plus Maximum flow isolating ball valve
with flow limiter, 2 l/min.
with spring reset servodrive, 24 volts DC**

Technical information

Scope of application

- Install the KHS-VAV-plus in drinking water installations for the KEMPER hygiene system to maintain the intended use in CDW and WDW operation.
- Especially for dynamic flow distributors in CDW
- If the power fails during flushing, the valve automatically closes in connection with the KHS-Logic control system (closes currentless).
- The valve is not suited to restricting volume flows, so its intended use is solely for FULL OPENING or FULL CLOSING.

Service

- According to DIN 1988-1, the operator has to inspect annually.
- Please refer to the installation and operating instructions for further information.