

Figure 696 05 KHS-VAV-plus Maximum flow isolating ball valve with flow limiter, 2 l/min. with spring reset servodrive, 230 volts

Technical properties
With integrated primary pressure-dependent flow limiter 2 l/min. .
Medium-contacting parts made of gunmetal
Removable 'Top Entry' inner head part based on W 570 and DIN EN 13828 pressure
Impact-free operation
Pressure stage PN 16
Simple maintenance when installed
Stagnant-zone-free
Connection as a 2-point controller
Supply voltage 230 V, Connection cable 1.2m, 5 x 0.5 mm ²
Maintenance-free transmission
Permissible ambient temperature up to 55 °C
Protection class: IP 54
Valve closes automatically during power failures
Plastic parts with CDW approval



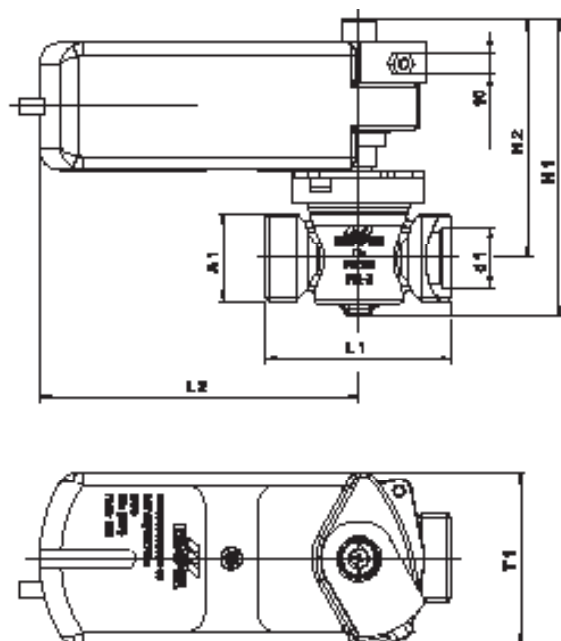
696 05 KHS-VAV plus Maximum flow isolating ball valve with spring-reset servodrive for KHS-Logic, 230 Volts

Product description / Tender text
KEMPER KHS-VAV Maximum flow isolating ball valve with spring-reset servodrive , 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 controller with switching output 2-point control, supply voltage 230 V, runtime motor 90° 90 sec., 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, 2 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

Materials		
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	Plastic
Coupler	Brass
Drive housing	Light-metal cast alloy
Axis adapter	Steel
Flange adapter	PA



**Figure 696 05 KHS-VAV-plus Maximum flow isolating ball valve
with flow limiter, 2 l/min.
with spring reset servodrive, 230 volts**

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. Install as a terminal flushing valve in stagnating drinking waterlines.
- 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).
- Triggers the valve via the BMS, KHS-Mini System Control or with the KHS timer set.
- 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.