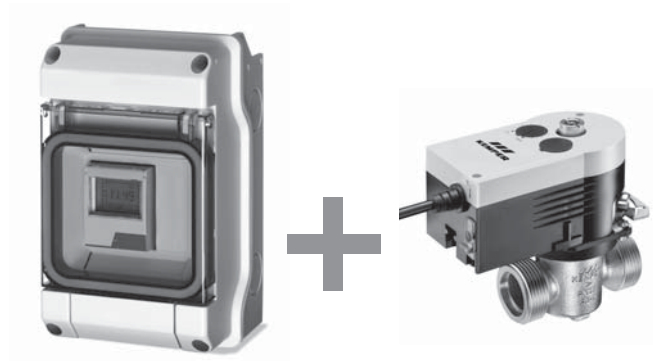


Figure 686 06 KHS Timer set
includes the timer and VAV with servo drive

Technical properties
Power supply 230 V
Switching capacity 16 (10) A/230-250 V
Internal consumption 6 VA (about 1 W)
32 memory locations, precise switching operations
Clock accuracy $\pm 1s/$ day at 23 °C
Ambient temperature range from -10 °C to + 45 °C
IP 65 enclosure protection
Flame resistant, self-extinguishing, halogen-free
VAV DIN-/DVGW approved according to W 570 and DIN EN 13828
parts that contact fluid made of gunmetal

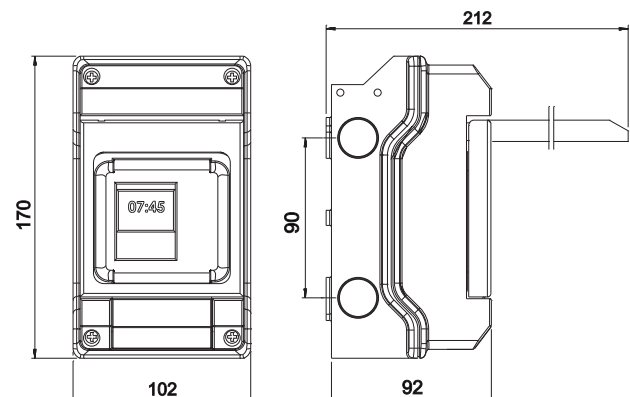


686 06 KHS Timer set with VAV with servo drive

Product description / Tender text
<p>KEMPER KHS Timer set, for time-controlled flushing of terminal or seldom-flooded pipeline sections, consisting of:</p> <p>Digital timer for triggering the servodrive for programming the desired flushing time and flushing duration on all weekdays, cyclic program, smallest switching time 1s, clock accuracy $\leq \pm 1s/day$ at 23 °C, On / Off switching operations, 32 memory locations programmable, operating temperature range -10 °C to +45 °C, 230 V AC, 45-60 Hz, switching capacity 16 A / 250 V, operational reserve 4 years without power, integrated in an automat housing, hinged with inspection glass, splashproof according to protection class IP 65, protection class II according to EN 60335, suitable for wall installation and</p> <p>Maximum flow isolating ball valve, extremely low-pressure loss version, compliant with 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 top, made with EPDM gasket body with rotating-supported gunmetal closing body, stagnant-zone-free, can be rotated 90°, with DIN/DVGW and soundproofing certificate, rated pressure PN 16 and</p> <p>Servo drive, for controller with switching output, 2-point control. Supply voltage 230 V AC, runtime 90° 30 sec., with synchronous motor and maintenance-free transmission, electronic final position detection and motor switch-off via a timer in the unit, with self-centring axis adapter and fixed flange for mounting on the valve, connection cable 1.2 m, 3 x 0.75 mm²</p> <p>Maximum flow isolating ball valve with male thread according to DIN 3546, Part 1, for universal connection to fittings for copper, steel, stainless steel and multilayer duplex tubes, from DN 15 (3/4") to DN 32 (1 1/2")</p>

- For more information please see reverse side

Dimensions KHS-VAV Maximum flow isolating ball valve with servo drive, see datasheet Figure 686 04



Materials	
Housing timer	Plastic, flame resistant
VAV-housing, spindle	Gunmetal
Seal element	EPDM
Coupling	Brass
Drive housin	Self-extinguishing plastic
Axis adapter	Steel
Flange adapter	PA

Figure 686 06 KHS Timer set
includes the timer and VAV with servo drive

Technical information

Area of application

- The KHS-Timer set is available in combination with the KHS-VAV with servo drive (Figure 686 06 = Figure 686 04 + Figure 686 02 011) or the KHS-VAV plus Maximum flow isolating ball valve with servo drive and spring reset (Figure 686 07 = Figure 686 05 + 686 02 011).
- Application area is stagnating drinking water lines for stagnation prevention.
- Day or week programming with smallest switching time of 1 sec. can be set.
- Time timer has 32 programmable memory locations in blocks plus automatic switchover between daylight savings - standard time.