HYGRADEWATER INFRASTRUCTURE

hawle

E2 Combi III Sluice Valve with Flanged Ends

A high quality flanged tee piece comprising of three flanged outlets and integral E2 valves.

TECHNICAL GUIDE: **AVH1.3**

Applications

- Potable water networks
- Bulk water storage
- Process water systems
- Pump stations

Product Attributes

- Hawle 10 Year Quality Warranty
- Wear resistant wedge guides
- Low closing torques at full differential pressure
- Smooth straight through bore
- Suitable for actuation

Approvals/Standards

- AS2638.2:2011 Gate Valves for Water Works - Resilient Seated
- Flanges to AS4087 B5
- WSAA Product Appraisal Report 1904 Issue 2

Quality

- ISO 9001 Quality Management

A high quality flanged tee piece comprising of three flanged outlets and integral E2 valves.

The short style provides for space saving installation and lower material, labour, transport and stockholding costs. The compact design enables the valve chamber to be made from sectional concrete giving typical savings of 25 % in chamber construction.

Design Specifications

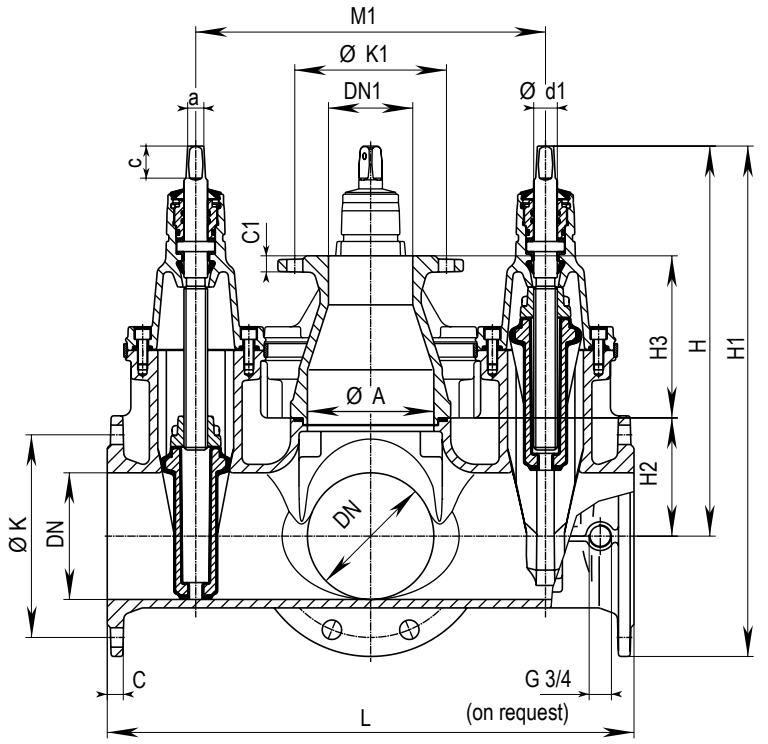
- Body, bonnet and wedge manufactured with ductile iron EN-GJS-400-18.
- Epoxy powder coated inside and out, according to DIN 30677-T2.
- Stem O rings manufactured with elastomer, embedded in non-corrosive material and replaceable under pressure (according to ISO 7259). O ring bush made of MS 58.
- Wipe ring, back seal and bonnet gasket manufactured with elastomer.
- Stainless steel spindle St 1.4021 (X20Cr13), with rolled thread.
- Allen screws St 8.8 DIN 912 are absolutely corrosion-safe as they are sunk into the body, sealed, and by pass through the bonnet gasket.
- POM friction washers and protecting ring, guarantees smooth spindle guiding.
- PE edge protecting ring prevents damage during transport and storage.
- Wedge fully rubberized with vulcanized elastomer inside and out, and wedge nut made of dezincification resistant brass CuZn36Pb3As.
- Generous oversizing of the required thread length in the wedge nut guarantees highest possible breaking torques.
- Wedge guide manufactured with wear-resistant plastic with high gliding features - optimally placed design guarantees lowest wear and tear and lowest closing torques.
- Flanges drilled to AS4087 B5.
- Mounting points undrilled in standard version; surcharge for drilling.
- Valve design is the same as the E2 approved to AS2638.

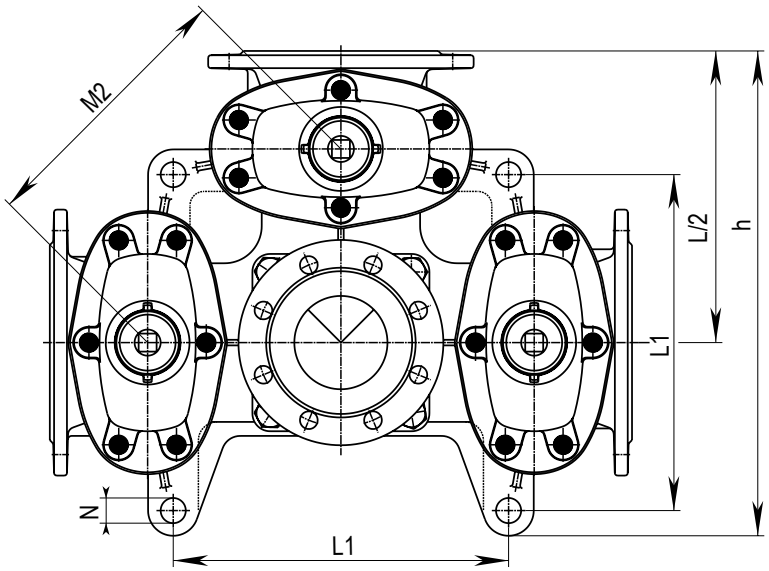
FIG. 1

Accessories

- Actuator adaptors
- Operating caps
- Handwheels
- Position switches and indicator

FIG. 2 Accessories





DN	E2 Combi III with vertical centre outlet																Spindle			Weight (no. of valves)	
	ØA	DN 1	L	L1	H	H1	H2	H3	C	C1	ØK	ØK1	M1	M2	h	N	a	c	Ø d1	2	3
100	100	100	555	212	373	483	90	+	19	+	180	+	365	258	411	27	19,3	38	25	71,0	76,0
150	150	100	625	360	462	605	140	192	19	19	240	180	415	293,5	520	27	19,3	38	28	120,0	130,0
200	200	100	695	445	563	733	180	192	20	19	295	180	465	329	602	32	24,3	48	32	198,0	205,0

Scan for more information

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+61 7 38059186
hygradewater.com.au

BRISBANE (Head Office) 42-44 Blue Eagle Drive,Meadowbrook, QLD 4131
SYDNEY 2/35 Prime Dr, Seven Hills NSW 2147, Australia
MELBOURNE 20A Frances Drive, Dandenong South 3175

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