

Order no.	Application	PN	Dimensions/DN 1					Pipe Ø mm	
			DN / Pipe Ø mm	50 63	80 90	100 110	100 125	150 160	
4343E2	Water, non aggressive effluent other applications on request !	16	80 / 90		●				
			100 / 110	●	●	●			
			100 / 125				●		
			150 / 160		●	●	●	●	
			200 / 225		●	●			

All socket tee with one integral E2Valve

for PE (PE 80/100) and PVC Pipes (DIN 8074, 8061/8062) - absolut restraint

The short style provides for space saving installation and lower material, labour, transport and stockholding costs.

Material and design features:

Stainless steel spindle St 1.4021 (X20Cr13), with rolled thread and O ring slide faces

O ring bush of Ms 58

Friction washers of POM guarantee smooth spindle guiding

Bonnet, body and lock ring of ductile iron EN-GJS-400-18 according EN 1563 (GGG 400 - DIN 1693) inside and outside epoxy powder coated according to DIN 30677-T2 in accordance with DIN 3476 and all quality and test requirements of RAL quality mark 662 (GSK - Gütegemeinschaft Schwerer Korrosionsschutz - the association for high quality corrosion protection)

Circlip of POM

O rings of elastomer, embedded in non-corrosive material (according to DIN 3547-T1) and replaceable under pressure (according to ISO 7259)

Bonnet gasket, Wiper ring and Back seal of elastomer, suitable for potable water

Allen screws St 8.8 DIN 912 absolutely corrosion protected by being sunk into the body and sealed, and by passing through bonnet gasket

Wedge nut of dezincification resistant brass CuZn36Pb3As, generous oversizing of the required thread length in the wedge nut guarantees highest possible breaking torques

Wedge of ductile iron EN-GJS-400-18 according to EN 1563 (GGG 400 - DIN 1693), inside and outside fully rubberized with vulcanized elastomer, suitable for potable water, with drain hole

Wedge guide of wear resistant plastic with high gliding features; optimally placed design guarantees lowest wear and tear and lowest closing torques

Edge protecting ring of PE avoids damages during transport and storage

Grip ring of Ms 58 (from DN 300 Rg 7)

Lip seal of elastomer

Bolts and washers for lock ring of A2

Spacer bush of PE

The pipe is sealed with a lip seal.

Minimal pipe insertion force is required for pushing the pipe end into the seal chamfer with an appropriate chamfer.

The pipe restraining system is effective separately from the sealing system and is activated by tightening the lock ring.

For thinwalled PE pipes (up to 3 mm wall thickness) and low internal pressure we recommend using a support liner (see page D 2/4).



Assembly instructions: see page M 6/2

Tensile load: see page M 6/2

E2 Combi-T SYSTEM 2000

Design features:

- easy retrofitting of position indicator and automatic actuator on the standard bonnet
- one extension spindle for several dimensions
- optimally placed wedge guide of wear resistant plastic guarantees lowest wear and tear and lowest closing torques, suitable for frequent operations at a differential pressure up to 16 bar
- 100 % suitable for operation by automatic actuators
- generous oversizing of the required thread length in the wedge nut guarantees highest possible breaking torques
- O rings embedded in non-corrosive material (according to DIN 3547-T1)
- replaceable O rings under pressure (according ISO 7259)
- cleaning with pig possible

Standard version: without handwheel and extension spindle

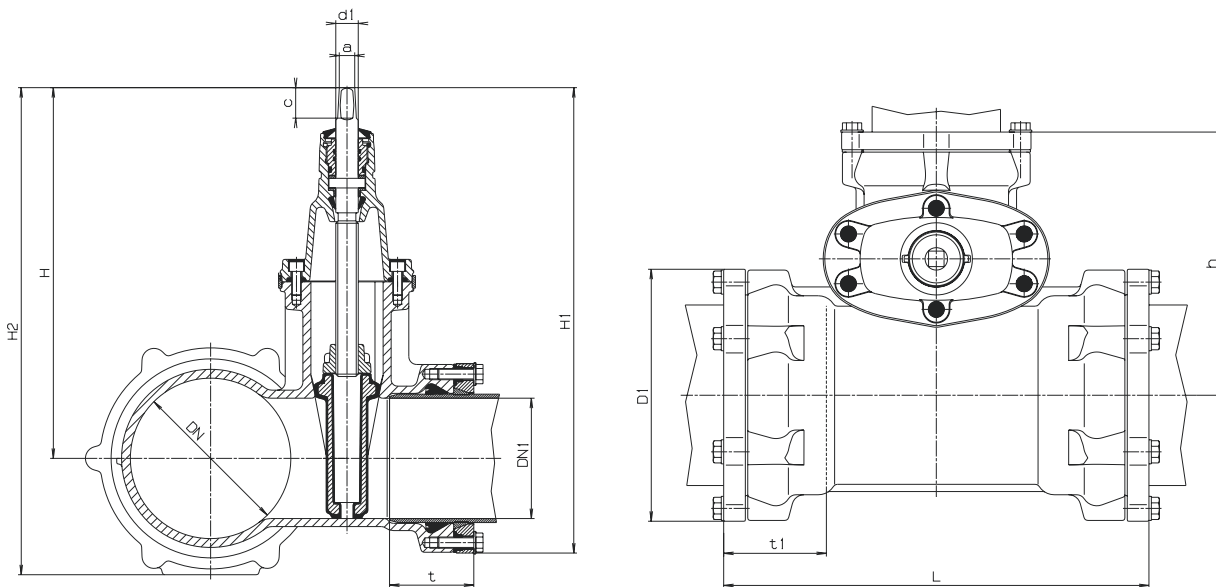
Design versions: for electric actuator: No. 4343ELE2
with position indicator: No. 4343STE2

Special versions: on request!

Suitable accessories: Handwheel: No. 7800

Extension Spindles: rigid No. 9000E2
telescopic No. 9500E2

Surface Boxes: rigid No. 1750, telescopic No. 2050



DN Pipe Ø	DN 1 Pipe Ø	E2 Combi-T					Socket			Spindle			Weight kg
		H	H 1	H 2	t	L	t 1	D 1	h	a	c	d 1	
80 / 90	80 / 90	336	412	412	88	310	88	150	201	17,3	35	25	21,0
100 / 110	50 / 63	260	322	346	83	290	88	172	218	14,8	30	22	17,0
100 / 110	80 / 90	336	412	422	88	320	88	172	231	17,3	35	25	23,5
100 / 110	100 / 110	373	460	460	88	340	88	172	231	19,3	38	25	28,0
100 / 125	100 / 125	373	470	470	88	345	88	193	235	19,3	38	25	31,0
150 / 160	80 / 90	336	412	453	88	350	108	234	251	17,3	35	25	31,0
150 / 160	100 / 110	373	460	490	88	370	108	234	251	19,3	38	25	35,0
150 / 160	100 / 125	373	470	490	88	370	108	234	255	19,3	38	25	38,5
150 / 160	150 / 160	462	580	580	108	420	108	234	303	19,3	38	28	51,0
200 / 225	80 / 90	336	412	481	88	410	130	312	281	17,3	35	25	48,0
200 / 225	100 / 110	373	460	518	88	430	130	312	291	19,3	38	25	52,0