

for ductile cast iron pipes and pipes with VRS-Socket

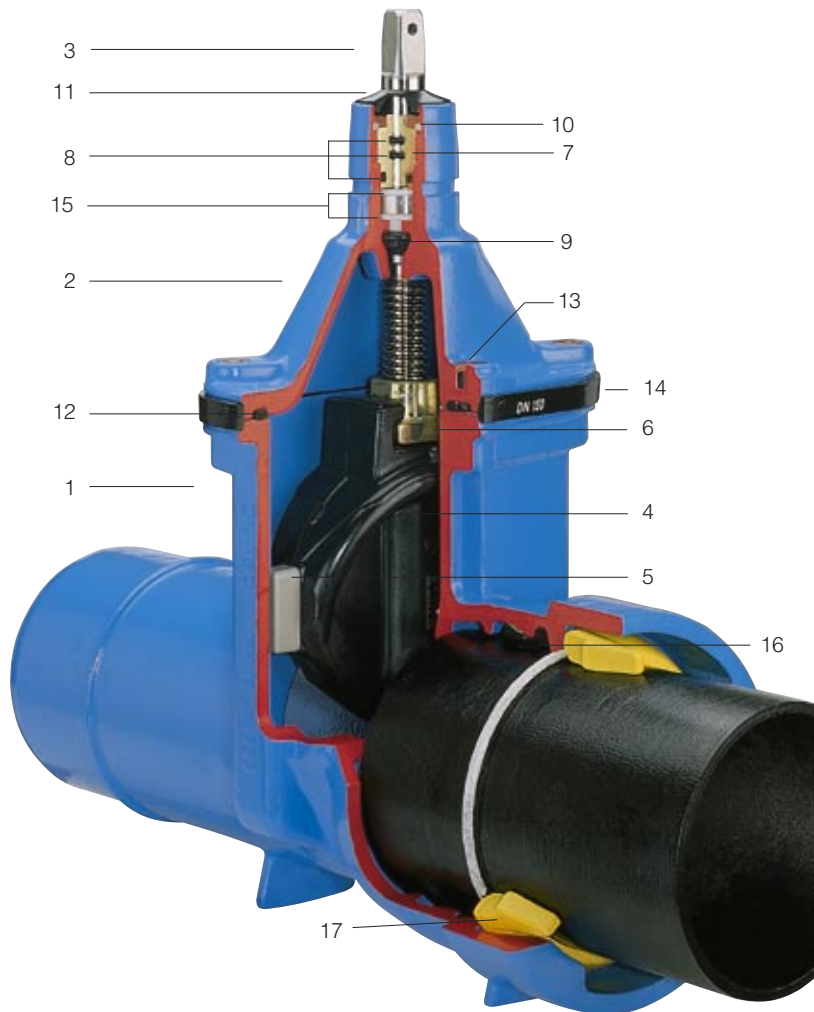
Order no.	Version	Application	PN	Dimensions/DN					
				80	100	150	200	250	300
<b>4027E2</b>	Socket - Spigot	for water and non aggressive waste water other applications on request	16	•	•	•	•	•	•

**of ductile iron**

epoxy powder coated

**Material and design features:**

- 1/2 **Body (1) and Bonnet (2)** of ductile iron EN-GJS-400-18 according to 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)
- 3 **Stainless steel spindle** St 1.4021 (X20Cr13), with rolled thread
- 4 **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
- 5 **Wedge guide** of wear resistant plastic with high gliding features; optimally placed design guarantees lowest wear and tear and lowest closing torques
- 6 **Wedge nut** of dezincification resistant brass CuZn36Pb3As, generous oversizing of the required thread length in the wedge nut guarantees highest possible breaking torques
- 7 **O ring bush** of Ms 58
- 8 **O rings** of elastomer, embedded in non-corrosive material (according to DIN 3547-T1) and replaceable under pressure (according to ISO 7259) up to DN 200, for DN 250 and higher without pressure
- 9 **Back seal** of elastomer, suitable for potable water
- 10 **Circlip** of POM
- 11 **Wiper ring** of elastomer
- 12 **Bonnet gasket** of elastomer, suitable for potable water
- 13 **Allen screws** St 8.8 DIN 912 absolutely corrosion protected by being sunk into the body and sealed, and by passing through bonnet gasket
- 14 **Edge protecting ring** of PE avoids damages during transport and storage
- 15 **Friction washers** of POM guarantee smooth spindle guiding
- 16 **Socket seal** of elastomer, suitable for potable water
- 17 **Standard version** without pipe restraint clamp



**The no-flange pipeline!**



# E2 VRS-Socket Valve

**Standard version:** without handwheel and extension spindle

**Design versions:** for electric actuator: No. 4027ELE2;  
with position indicator: No. 4027STE2

**Special versions:** on request!

**Suitable accessories:**

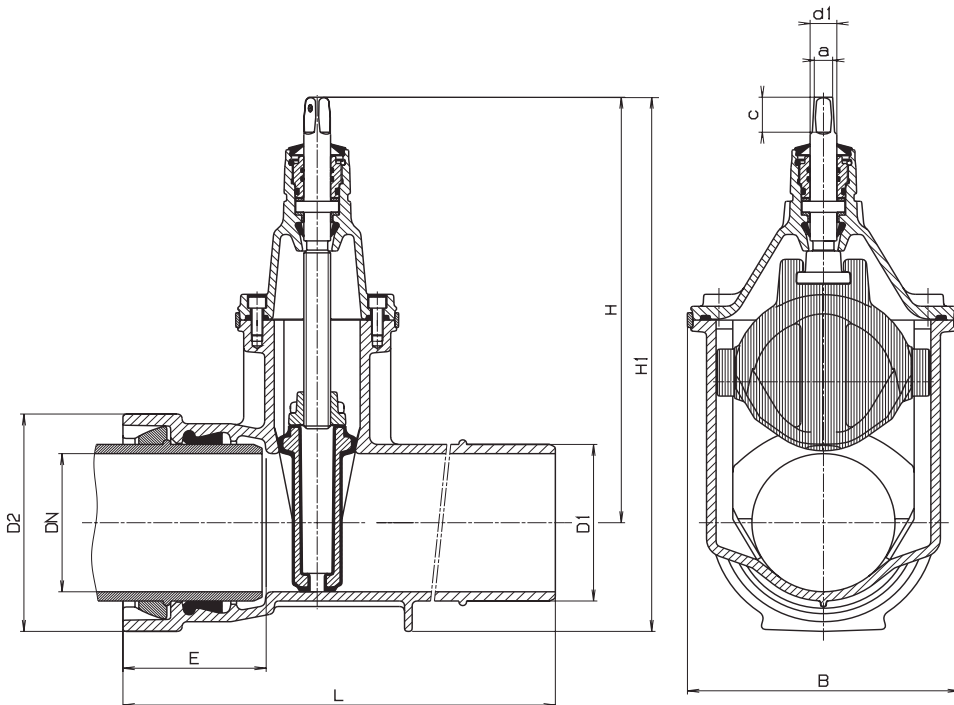
**Handwheel:** No. 7800

**Extension Spindles:** rigid No. 9000E2, from DN 250 No. 9000  
telescopic No. 9500E2, from DN 250 No. 9500

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

## Design features:

- easiest retrofitting of position indicator and automatic actuator on the standard bonnet possible
- 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
  - up to DN 200 under pressure (according ISO 7259)
  - from DN 250 without pressure
- cleaning with pig possible



DN	Pipe Ø mm	Valve							Spindle			Weight kg
		D1	D2	E	H	H1	L	B	a	c	d1	
80	98	98	156	127	336	414	422	180	17,3	35	25	20,5
100	118	118	178	135	373	462	440	213	19,3	38	25	26,5
150	170	170	235	150	462	580	513	285	19,3	38	28	46,5
200	222	222	295	160	563	711	535	357	24,3	48	32	74,0
250	274	274	356	165	670	848	577	432	27,3	48	36	112,0
300	326	326	414	170	753	960	638	518	27,3	48	36	168,0