

Zeta values

Press connector systems

For drinking water installations

Calculated according to the testing specification DVGW W575 for

Viega Smartpress

Contents – Tables

Viega Smartpress 2

		Sanpress		Zeta-Wert		
		DVGW W 575	Graphisch vereinfacht	DN 12 Da / 15 mm	DN 15 Da / 18 mm	DN 20 Da / 22 mm
	T-Stück Abzweig				1,9	0,9
	T-Stück Durchgangs				0,6	-0,3
	Winkel / Bogen 90°			0,7	1,1	1,0
	Winkel / Bogen 45°				1,4	1,6
	Wandscheibe				1,5	3,6
	Kupplung / Muffe			0,4	0,4	0,4

Viega Smartpress				Zeta values							
DVGW W575				DN12	DN15	DN20	DN25	DN32	DN40	DN50	
Component	Single resistor	Abbreviation	Graphic symbol	d_a 16mm	d_a 20mm	d_a 25mm	d_a 32mm	d_a 40mm	d_a 50mm	d_a 63mm	
	T-piece branch	TA		3.6	3.7	4.7	4.1	2.7	3.2	4.5	
	T-piece duct	TD		2.0	1.7	2.1	1.4	0.8	0.8	0.9	
	T-piece counter direction dividing flow	TG		4.3	3.4	4.9	3.9	2.6	3.2	4.6	
	T-piece branch merging flow	TVA		7.9	6.2	8.6	6.5	4.2	5.5	8.0	
	T-piece straight way valve merging flow	TVD		15.0	11.5	16.2	12.7	8.1	10.9	16.7	
	T-piece counter direction merging flow	TVG		10.5	7.2	9.9	7.5	4.8	5.2	8.2	
	Elbow 90°	W90		2.7	2.1	2.6	1.9	1.2	1.1	1.5	
	Elbow 45°	W45		-	-	2.2	1.5	0.9	0.9	1.1	
	Reduction	RED		-	1.9	2.3	2.7	1.4	0.8	1.0	
	Wall plate	WS		2.5	2.4	-	-	-	-	-	
	Double wall plate duct	WSD		3.9	3.8	4.5	-	-	-	-	
	Double wall plate branch	WSA		3.6	3.6	5.8	-	-	-	-	
	Coupling / sleeve	K		2.1	1.5	1.8	1.2	0.7	0.7	0.7	