

### Laboratorijska vežba 3: Linijski i lokalni gubici energije u cevima

D= 1.9 cm

d= 1.1 cm

L<sub>1</sub>=16.5cm L<sub>2</sub>=90cm L<sub>3</sub>=30cm L<sub>4</sub>=90cm L<sub>5</sub>=24.5cm

			MEREÑO										RAČUNATO								
			Z <sub>ul</sub>	Z <sub>otv</sub>	ΔV	Δt	Π <sub>1</sub>	Π <sub>2</sub>	Π <sub>3</sub>	Π <sub>4</sub>	Π <sub>5</sub>	Π <sub>6</sub>	Π <sub>7</sub>	Π <sub>8</sub>	Q	V	V <sup>2</sup> /2g	ΔE <sub>izg</sub>	ΔE <sub>z</sub>	λ	ξ <sub>z</sub>
			cm	cm	cm <sup>3</sup>	s	cm	cm	cm	cm	cm	cm	cm	cm	cm <sup>3</sup> /s	cm/s	cm	cm	cm	-	-
ZATVARAČ OTVOREN	HORIZONTALNA CEV	I	-42.5	-42.1	7900	27.04	36.2	32.0	27.4	21.7	17.2	10.8	8.4	2.7	292.2	103.0	5.41	13.4	1.3	0.052	0.24
		II			7800	26.05	51.0	45.0	39.8	33.0	28.8	23.2	17.8	13.0	299.4	105.6	5.68	14.6	2.6	0.054	0.46
		III			5500	16.43	48.7	43.3	37.4	31.1	26.8	21.3	15.6	11.0	334.8	118.1	7.10	17.1	0.7	0.051	0.10
	DONJI POLOŽAJ	-72.6	-40.0	10000	30.00	43.0	38.4	32.6	26.9	22.2	18.2	13.6	7.2	333.3	117.6	7.04	12.6	3.6	0.038	0.51	
	GORNJI POLOŽAJ	-12.4	-44.1	5700	18.97	45.2	39.8	34.0	27.6	23.0	18.0	13.3	8.4	300.5	106.0	5.72	13.4	3.7	0.049	0.65	
ZATV. DELIMIČNO OTVOREN	HORIZONTALNA CEV	I	-42.5	-42.1	4300	13.87	48.8	43.8	38.1	32.3	19.4	14.6	9.7	5.4	310.0	109.3	6.09	13.8	10.6	0.048	1.74
		II			5900	22.50	48.2	44.5	39.5	34.3	12.2	8.3	3.9	0.2	262.2	92.5	4.36	12.8	19.2	0.062	4.40