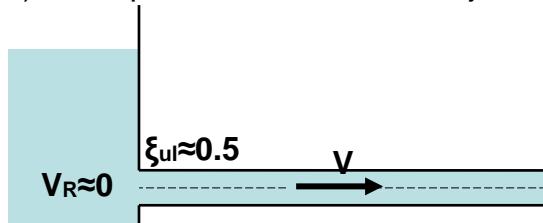


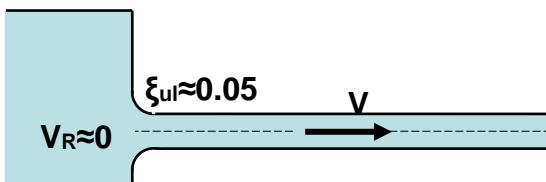
Lokalni gubici energije

1. Ulaz iz rezervoara u cijev

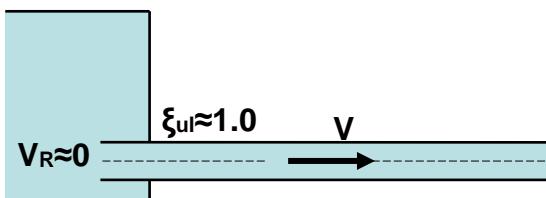
a) Oštar prelaz iz rezervoara u cijev



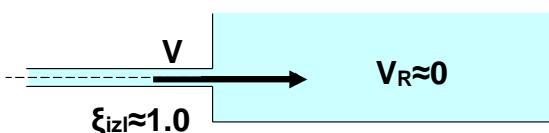
b) Zaobljen prelaz iz rezervoara u cijev



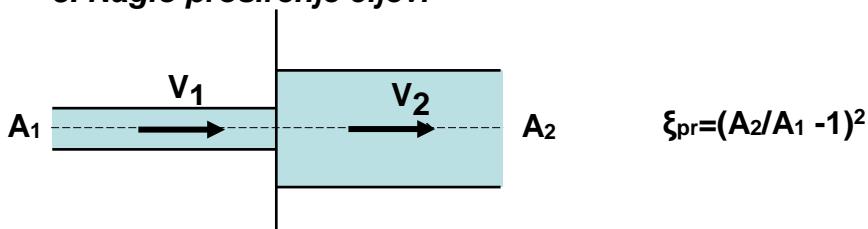
c) Prelaz iz rezervoara u cijev sa upuštenom cijevi



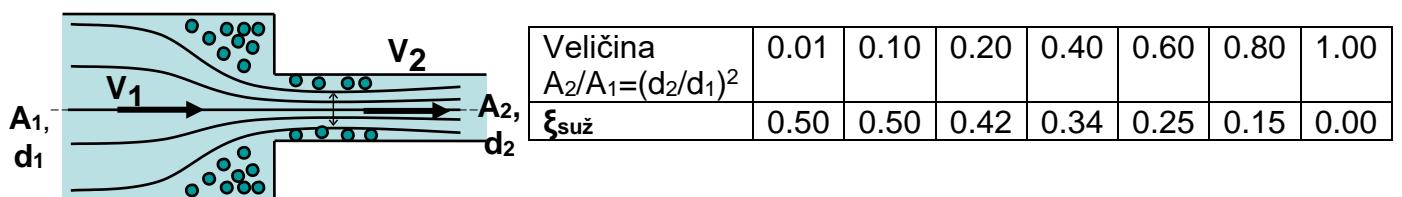
2. Izlaz toka iz cijevi u rezervoar

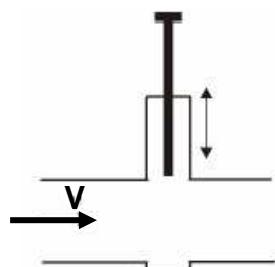


3. Naglo proširenje cijevi

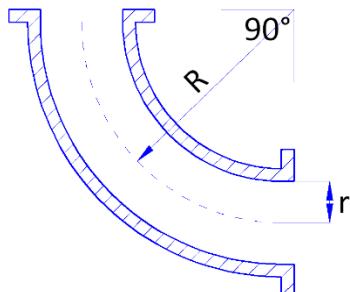


4. Naglo suženje cijevi

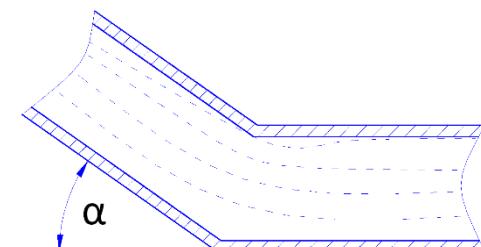


5. Zatvarač

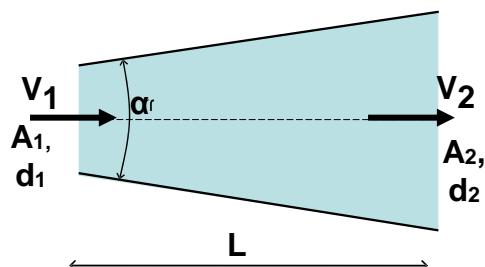
Stepen otvorenosti zatvarača	100%	75%	50%	25%
ξ_z	0.2	1.2	5.6	24

6. Kružna krivina (koljeno sa zavojem)

Veličina (r/R)	0.1	0.3	0.5	0.7	1.0
ξ_{kr}	0.131	0.158	0.294	0.661	1.978

7. Oštro skretanje cijevi (oštro koljeno)

$$\xi_k = 0.946 \cdot \sin^2(\alpha/2) + 2.05 \cdot \sin^4(\alpha/2)$$

8. Difuzori (konusne cijevi koje se postepeno proširuju u smjeru tečenja)

$$\xi_d = k \cdot (A_2/A_1 - 1)^2$$

Vrijednosti koeficijenta k za ξ_d u difuzoru			
α°	k	α°	k
5	0.13	60	1.12
10	0.17	70	1.13
15	0.26	80	1.10
20	0.41	90	1.07
30	0.71	100	1.06
40	0.90	120	1.05
45	0.98	140	1.04
50	1.03	160	1.02