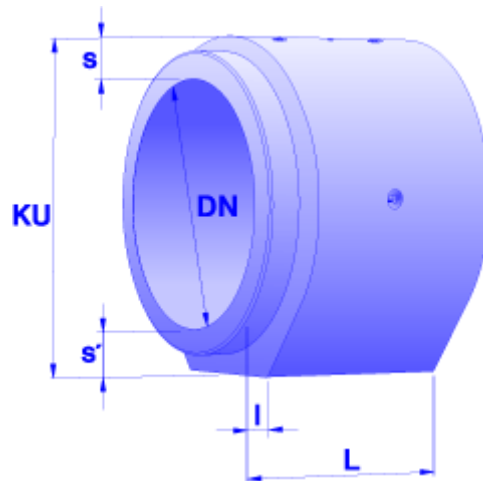


Engineering structures

Socket reinforced-concrete pipe DN 800 | 07 Čerčany



Key Features

Trademark	Dimensions (cm)				Concrete Class	Volume (m ³)	Weight (kg)
	L	D	D_1	L_2			
TZP 011-19	110	80	116	10	C 50/60-XF4	0,548	1343

Usage

The reinforced concrete duckfoot tubes are intended for construction of single- and multi-hole culverts under trackbed and roadbed. They are designed according to standard ČSN 73 6203 for railway load given by the load train ČSD T, and road load given by class A. They are dimensioned for extra-banking height 0.55 up to 9 m (crack width 0.1 mm) and 0.55 up to 12 m (crack width 0.2 mm). They are reinforced by concrete reinforcement BSt 550, namely in two layers with double-sided reinforcement cover 40 mm thick. The reinforced concrete duckfoot tubes are provided with built-in rubber sealing for joining with groove and tongue. On the ground of earthing against dispersion current they are provided with earth terminal. The top load V_u amounts for DN 800 – 296.8 kN, DN 1000 – 373.4 kN, DN 1200 – 408.0 kN.

The inlet reinforced concrete duckfoot tubes differ from normal reinforced concrete duckfoot tubes only in that they have no socket and they are inserted on the inlet side into the culvert.