Reinforced concrete frames 200/90/150

41 Litice

Trademark	Dimensions (cm)					Concrete Class	Volume (m3)	Weight (kg)
	L	B	H	H_2	B_2			
IZM 310/19.100	149	240	140	90	200	C 35/45-XF4	2,438	5973

Usage:

Reinforced concrete frames of sizes 200/90, 200/120, 200/150, 200/180 are spatial elements for engineering networks of rectangular cross-section, created as a single unit and designed as a continuous element. It is used primarily to create railway and road culverts for water drainage. The elements can be used for a height of 0.4 m to 7.0 m. The elements are manufactured in lengths of 1.5 m, 1.75 m, 2.0 m. Their mutual combination can achieve a length of culverts in steps of 250 mm. The system of reinforced spatial elements also includes elements that create perpendicular and parallel wings of culverts. The cornice plates of the culvert fronts are usually made monolithically on the construction site. The front sides of the individual spatial elements are fitted with a rubber seal during assembly in order to create a watertight joint for a test pressure of 50 kPa according to ČSN EN 1916.
Watertightness is achieved by mechanically clamping the elements together using built-in wall feet and anchor bolts. Reinforced concrete frames meet the technical requirements specified in the „OTP for reinforced concrete frame elements“.