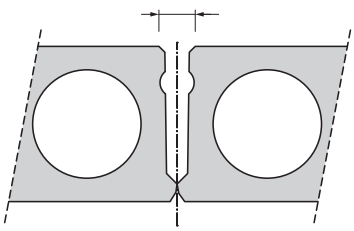
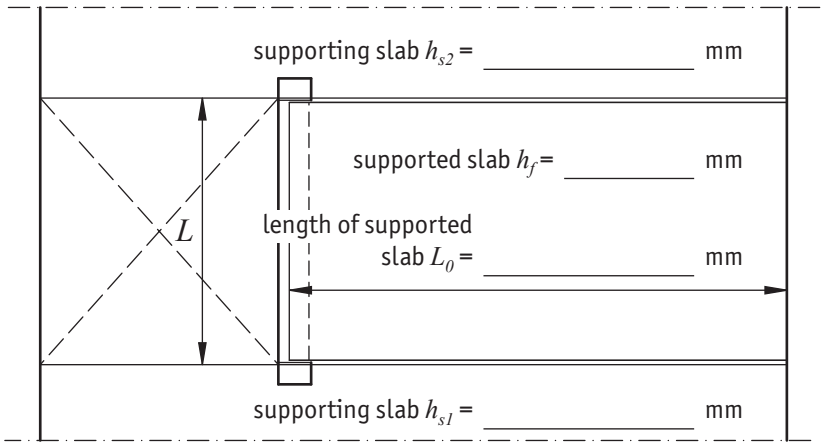
If a non-standard PETRA part is required, please fill in this form and contact Peikko's Customer Engineering Office

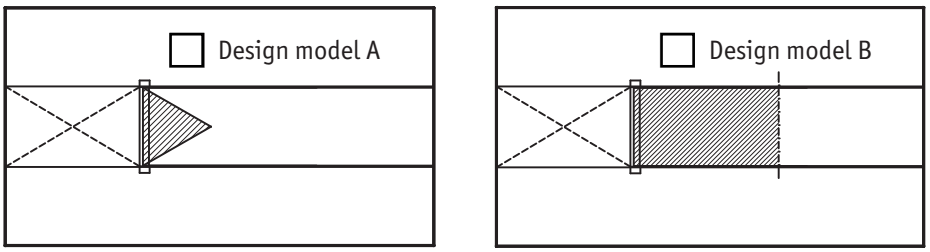
Basic dimensions



width of opening L = _____ mm



Load distribution for imposed load q_1 and other permanent load Δ_g



Permanent loads (characteristic value)

weight of hollow-core slab g_{HC} = _____ kN/m²

concrete topping g_{top} = _____ kN/m² (*on supported slab*)

other permanent loads Δ_g = _____ kN/m² (*on supported slab*)

Imposed loads (characteristic value)

surface load q_1 = _____ kN/m² (*on supported slab*)

linear load q_2 = _____ kN/m (*on PETRA*)

point load Q_3 = _____ kN (*on PETRA*)

Partial factors

concrete γ_c = _____ *(recommended value = 1.5)*

steel γ_{M0} = _____ *(recommended value = 1.0)*

reinforcement γ_s = _____ *(recommended value = 1.15)*

permanent load γ_G = _____ *(recommended value = 1.35)*

imposed load γ_Q = _____ *(recommended value = 1.5)*

welds γ_{M2} = _____ *(recommended value = 1.25)*

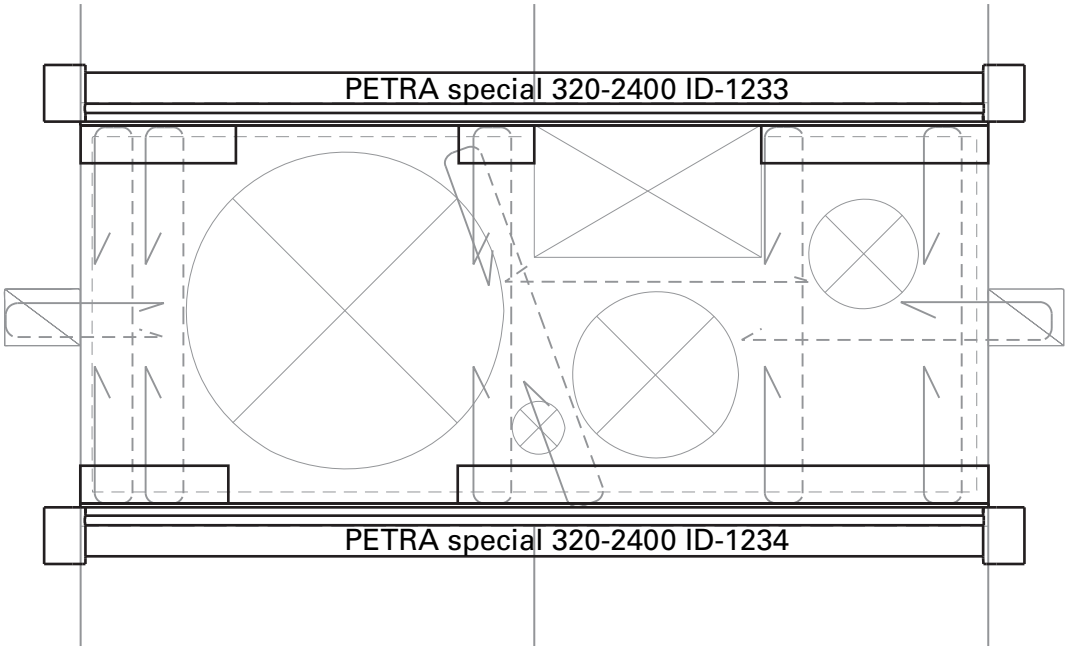
reduction of imposed load during fire $\psi_{1,2}$ = _____ *(0 – 0.8 depending on the type of building)*

Fire reinforcement ☐ Yes (R60) ☐ No

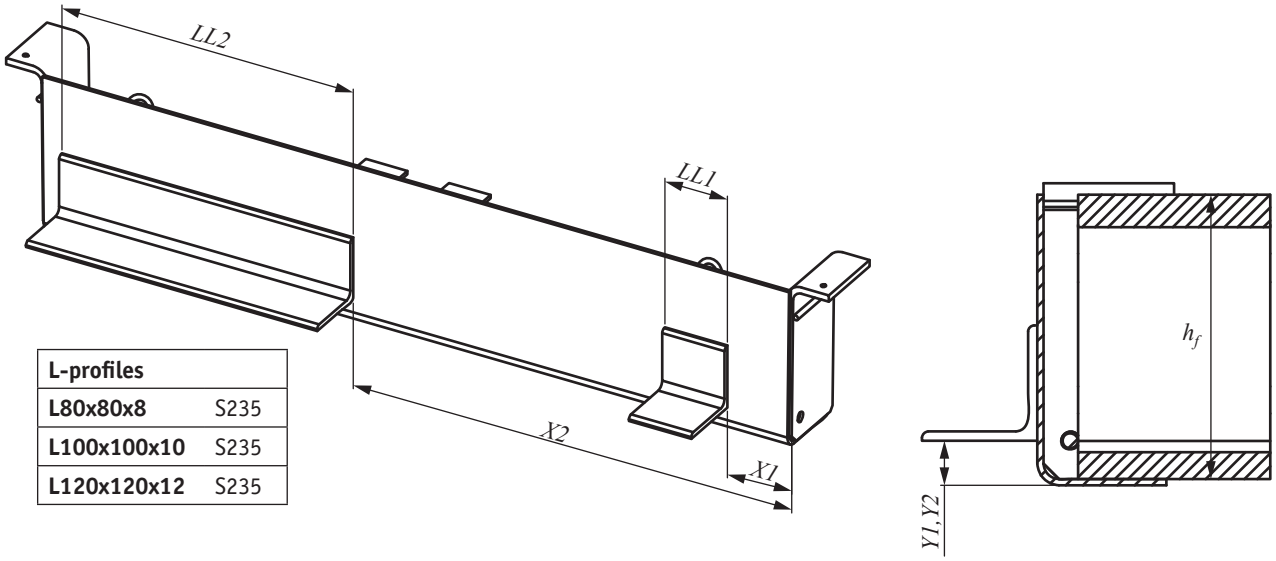
Additional L-profiles for the front plate of PETRA

Below is an example of how to support in-situ slabs with L-profiles welded into PETRA. This requires PETRA special parts. Peikko's Customer Engineering Office defines ID codes for PETRA special parts.

In addition, the designer can define notes related to the PETRA, such as PETRA-101. This note will be printed on the PETRA label. Characters A-Z, 0-9, + and hyphen (-) can be used. The maximum number of characters is 18.



This form can be downloaded from Peikko Group's website. Fill in the form and send it to Peikko's Customer Engineering Office along with the load information.



L-profiles	
L80x80x8	S235
L100x100x10	S235
L120x120x12	S235

	Type		mm		mm		mm	kN	kN/m
Profile 1		*X1*		*Y1*		*LL1*			
Profile 2		*X2*		*Y2*		*LL2*			
Profile 3		*X3*		*Y3*		*LL3*			
Profile 4		*X4*		*Y4*		*LL4*			
Profile 5		*X5*		*Y5*		*LL5*			
Profile 6		*X6*		*Y6*		*LL6*			