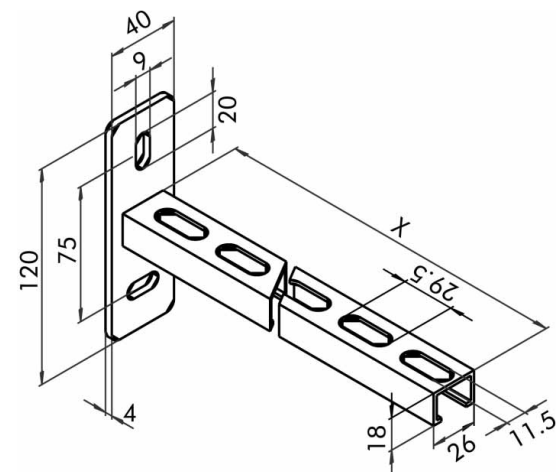


Loading Values of Brackets

Load on C-profile 26/18/1.25 bracket					Perm. load F_{perm} for bracket with dowel or anchor type used	
					Fixing anchor	
					$F_{perm}^{1)}$ Individual anchor , at axial distance 80 mm and $\geq$ min BK C20/25 without edge influence	
					in kN	
					1.88	
					W-FAZ / S / 10 / M8	
Load cases	Bracket				Anchor	
Loading case 0 	Effect. length X	Type length	Limit torque $T_{perm, bra}$	Maximum load q_{bra}	Anchor pull-out force F_{anc} with q_{bra} in kN	in kN/m
	in mm	in mm	in kNm	in kN/m		
	204	200	0.03	1.55	0.3	1.55
Loading case 1 	Effect. length X	Type length L_i	Limit torque $T_{perm, bra}$	Maximum load $F_{1, bra}$	Anchor pull-out force F_{anc} with $F_{1, bra}$ in kN	in kN
	in mm	in mm	in kNm	in kN		
	204	200	0.03	0.31	0.3	0.31
Loading case 2 	Effect. length X	Type length L_i	Limit torque $T_{perm, bra}$	Maximum load $F_{1, bra}$	Anchor pull-out force F_{anc} with $F_{1, bra}$ in kN	in kN
	in mm	in mm	in kNm	in kN		
	204	200	0.03	0.15	0.3	0.15
Loading case 3 	Effect. length X	Type length	Limit torque $T_{perm, bra}$	Maximum load $F_{2, bra}$	Anchor pull-out force F_{anc} with $F_{2, bra}$ in kN	in kN
	in mm	in mm	in kNm	in kN		
	204	200	0.03	0.15	0.3	0.15
Loading case 4 	Effect. length X	Type length	Limit torque $T_{perm, bra}$	Maximum load $F_{3, bra}$	Anchor pull-out force F_{anc} with $F_{3, bra}$ in kN	in kN
	in mm	in mm	in kNm	in kN		
	204	200	0.03	0.10	0.3	0.10
	304	300	0.03	0.07	0.3	0.07

Legend: Identical to bracket!

$F_{perm, bra}$
... ¹⁾
δ_{perm}

Corresponds to the maximum load value of the brackets

F_{Rd} DIBt approval of dimensioning method A converted to B

Deflection deformation $L / 100$