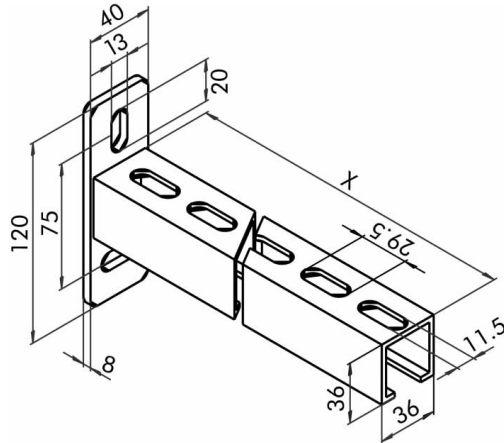


### Load on C-profile 36/36/1.25 bracket



### Perm. load $F_{perm}$ for bracket with dowel or anchor type used

**Screw anchor      Fixed anchor      Injection system**

$F_{perm}^{(1)}$  Individual anchor, at axial distance **80 mm** and  $\geq$  min BK **C20/25** without edge influence

in kN      in kN      in kN      in kN      in kN      in kN

2.79      3.51      3.10      4.03      5.78      8.19

<b>W-SA ...A4 / 15 / M10</b>	<b>W-SA ...A4 / 15 / M12</b>	<b>W-FAZ / S ...A4... HRC / 15 / M10</b>	<b>W-FAZ / S ...A4... HRC / 15 / M12</b>	<b>W-VIZ / S ...A4... HRC / M10 -10/85</b>	<b>W-VIZ / S ...A4... HRC / M12 -10/110</b>
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Load cases	Bracket				Anchor						
	Effect. length <b>X</b> in mm	Type length in mm	Limit torque $T_{perm, bra}$ in kNm	Maximum load $q_{bra}$ in kN/m		Anchor pull-out force $F_{anc}$ with $q_{bra}$ in kN	in kN/m	in kN/m	in kN/m	in kN/m	in kN/m
<b>Loading case 0</b> 	208	<b>200</b>	0.31	<b>15.48</b>	3.1	12.90	15.48	14.33	15.48	15.48	15.48
	308	<b>300</b>	0.31	<b>6.88</b>	3.1	5.88	6.88	6.54	6.88	6.88	6.88
	408	<b>400</b>	0.31	<b>3.87</b>	3.1	3.35	3.87	3.72	3.87	3.87	3.87
	508	<b>500</b>	0.31	<b>2.48</b>	3.1	2.16	2.48	2.40	2.48	2.48	2.48
	608	<b>600</b>	0.31	<b>1.72</b>	3.1	1.51	1.72	1.68	1.72	1.72	1.72
<b>Loading case 1</b> 	208	<b>200</b>	0.31	<b>3.10</b>	3.1	2.68	3.10	2.98	3.10	3.10	3.10
	308	<b>300</b>	0.31	<b>2.06</b>	3.1	1.81	2.06	2.01	2.06	2.06	2.06
	408	<b>400</b>	0.31	<b>1.55</b>	3.1	1.37	1.55	1.52	1.55	1.55	1.55
	508	<b>500</b>	0.31	<b>1.24</b>	3.1	1.10	1.24	1.22	1.24	1.24	1.24
	608	<b>600</b>	0.31	<b>1.03</b>	3.1	0.92	1.03	1.02	1.03	1.03	1.03
<b>Loading case 2</b> 	208	<b>200</b>	0.31	<b>1.55</b>	3.1	1.40	1.55	1.55	1.55	1.55	1.55
	308	<b>300</b>	0.31	<b>1.03</b>	3.1	0.93	1.03	1.03	1.03	1.03	1.03
	408	<b>400</b>	0.31	<b>0.77</b>	3.1	0.70	0.77	0.77	0.77	0.77	0.77
	508	<b>500</b>	0.31	<b>0.62</b>	3.1	0.56	0.62	0.62	0.62	0.62	0.62
	608	<b>600</b>	0.31	<b>0.52</b>	3.1	0.47	0.52	0.52	0.52	0.52	0.52
<b>Loading case 3</b> 	208	<b>200</b>	0.31	<b>1.55</b>	3.1	1.34	1.55	1.49	1.55	1.55	1.55
	308	<b>300</b>	0.31	<b>1.03</b>	3.1	0.91	1.03	1.01	1.03	1.03	1.03
	408	<b>400</b>	0.31	<b>0.77</b>	3.1	0.68	0.77	0.76	0.77	0.77	0.77
	508	<b>500</b>	0.31	<b>0.62</b>	3.1	0.55	0.62	0.61	0.62	0.62	0.62
	608	<b>600</b>	0.31	<b>0.52</b>	3.1	0.46	0.52	0.51	0.52	0.52	0.52
<b>Loading case 4</b> 	208	<b>200</b>	0.31	<b>1.03</b>	3.1	0.89	1.03	0.99	1.03	1.03	1.03
	308	<b>300</b>	0.31	<b>0.69</b>	3.1	0.60	0.69	0.67	0.69	0.69	0.69
	408	<b>400</b>	0.31	<b>0.52</b>	3.1	0.46	0.52	0.51	0.52	0.52	0.52
	508	<b>500</b>	0.31	<b>0.41</b>	3.1	0.37	0.41	0.41	0.41	0.41	0.41
	608	<b>600</b>	0.31	<b>0.34</b>	3.1	0.31	0.34	0.34	0.34	0.34	0.34

**Legend:** **Please note!**  
Identical to bracket!

$F_{perm, bra}$  **Reduced load values for brackets**  
 $F_{perm, bra}^{(1)}$  **Corresponds to the maximum load value of the brackets**  
 $F_{Ra}^{(1)}$  DIBt approval of dimensioning method A converted to B  
 $F_{Ra}^{(2)}$  DIBt approval of dimensioning method B  
 $\delta_{perm}$  Deflection deformation L / 100  
 XXX Stainless steel marking