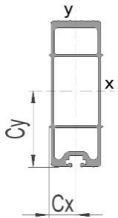


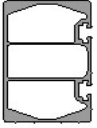



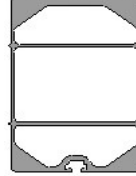
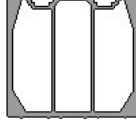



ALUMINIUM CROSSBARS - PROFILE SPESIFICATION

Version H

EL-tjeneste as

Norwegian quality and innovation

Profile no:	P1	P2	P3	P4	P5	P6	P7	P8	P9
									
Height:	107mm	120mm	160mm	180mm	210mm	230mm	230mm	160mm	260mm
Width:	57,5mm	80mm	107mm	65mm	65mm	83mm	160mm	160mm	95mm
Profile direction	Standing	Standing	Standing	Standing	Standing	Standing	Standing	Lying	Standing
Diam. circumscribed:	121,5mm	144mm	192,5mm	191,4mm	219,8mm	244,5mm	280,2mm	226,3mm	276,8mm
Weight per mtr.:	3,857 kg/m	6,707kg/m	11,238 kg/m	6,438kg/m	8,653 kg/m	10,520 kg/m	22,255 kg/m	16,982 kg/m	15,455 kg/m
Drawing:	12-A410	12-A417	12-A572	12-A869	12-A868	12-A946	12-A947	12-A1219	12-A1385
Section modulus:	Wx: 37 608 mm ³ Wy: 21 153 mm ³	Wx: 77 773 mm ³ Wy: 46 031 mm ³	Wx: 176 412 mm ³ Wy: 114 771 mm ³	Wx: 120 354 mm ³ Wy: 42 751 mm ³	Wx: 180 557 mm ³ Wy: 55 967 mm ³	Wx: 233 884 mm ³ Wy: 87 555 mm ³	Wx: 550 278 mm ³ Wy: 345 747 mm ³	Wx: 272 777 mm ³ Wy: 265 967 mm ³	Wx: 373 840 mm ³ Wy: 154 772 mm ³
Second moment of area:	Ix: 2 049 632 mm ⁴ Iy: 645 852 mm ⁴	Ix: 4 744 150 mm ⁴ Iy: 2 038 074 mm ⁴	Ix: 14 286 921 mm ⁴ Iy: 6 593 950 mm ⁴	Ix: 10 178 454 mm ⁴ Iy: 1 496 283 mm ⁴	Ix: 18 945 834 mm ⁴ Iy: 1 958 855 mm ⁴	Ix: 28 325 925 mm ⁴ Iy: 3 852 424 mm ⁴	Ix: 67 111 384 mm ⁴ Iy: 28 524 112 mm ⁴	Ix: 22 101 736 mm ⁴ Iy: 21 543 364 mm ⁴	Ix: 49 796 982 mm ⁴ Iy: 7 738 580 mm ⁴
Centre of area	Cx: 30,53mm Cy: 54,5mm	Cx: 44,28mm Cy: 61,00mm	Cx: 57,45mm Cy: 81,00mm	Cx: 35,00mm Cy: 84,57mm	Cx: 35,00mm Cy: 104,93mm	Cx: 44,00mm Cy: 121,1mm	Cx: 82,50mm Cy: 121,96mm	Cx: 81,00mm Cy: 81,03mm	Cx: 50,00mm Cy: 133,20mm
Area:	1428,0 mm ²	2484,0 mm ²	4162,0 mm ²	2384,8 mm ²	3205,0 mm ²	3896,5 mm ²	8242,7 mm ²	6289,9 mm ²	5724,2 mm ²
Alloy: EN-AW	AlMgSi 6005A-T6	AlMgSi 6082-T6	AlMgSi 6082-T6	AlMgSi 6005A-T6	AlMgSi 6082-T6	AlMgSi 6082-T6	AlMgSi 6082-T6	AlMgSi 6082-T6	AlMgSi 6082-T6
Min. Yield strenght.0,2:	215 N/mm ²	250 N/mm ²	250 N/mm ²	215 N/mm ²	250 N/mm ²	250 N/mm ²	250 N/mm ²	250 N/mm ²	250 N/mm ²
Min. Tensil strenght:	255 N/mm ²	290 N/mm ²	290 N/mm ²	255 N/mm ²	290 N/mm ²	290 N/mm ²	290 N/mm ²	290 N/mm ²	290 N/mm ²

All profiles are anodized in brown colour: EC517 eller Hx-40

Thickness anodization: 15 µm