

optoSiC® XY100G

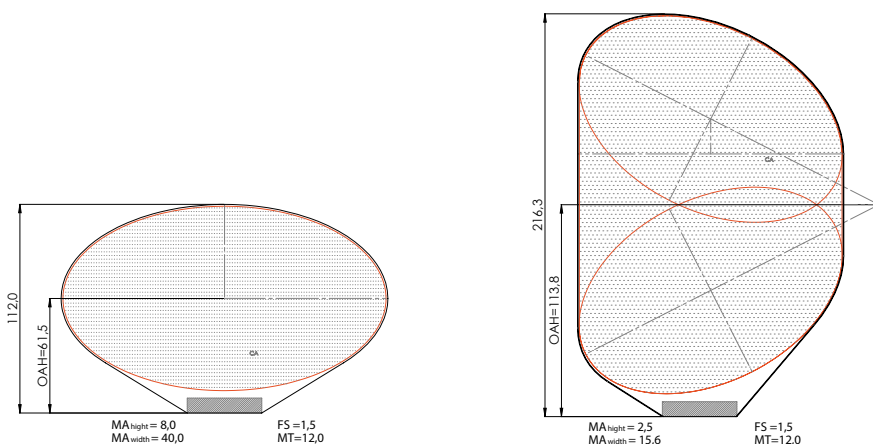
SIC OPTICS FOR HIGH-END LASER PROCESSES - INNOVATIVE LASER GALVO SCANNING MIRRORS MADE OF SILICON CARBIDE.



MIRROR SPECS

	X100G	Y100G
Mass (g)	173,27	373,83
Moment of Inertia [Mol] (g*cm ²)	1815,0	2489,0
Angle of Incidence [Aol] (°)	45,0	35
Mechanical Scan Angle (°)	± 10°	
Resonant Frequency (kHz)	4,2	3,3
Dynamic Flatness (pm/(rad/s ²))	157,0	160
Reflected Wavefront Error [RWE]	1 λ and 2 λ PV @ 632,8nm interferometric within CA	
Typical Coatings Wavelengths* (nm)	532nm, 1064nm, 1080nm, Gold, Silver, CO ₂	
Available Mounts*	Shaft size: 12mm	

*Custom coatings and mounts available on request.



Technical details on request.

- Low moment of inertia
- High resonance frequency
- Customized coating service
- Mounting solutions

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