

optoSiC® XY30G

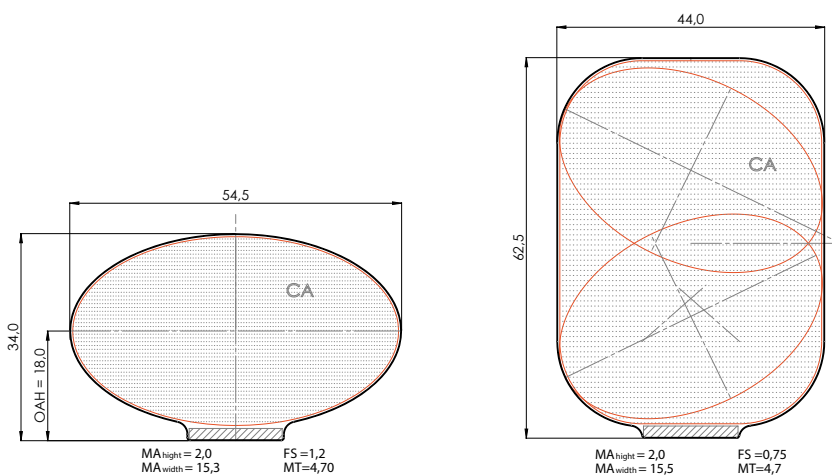
SIC OPTICS FOR HIGH-END LASER PROCESSES - INNOVATIVE LASER GALVO SCANNING MIRRORS MADE OF SILICON CARBIDE.



MIRROR SPECS

	X30G	Y30G
Mass (g)	11,13	16,44
Moment of Inertia [MOI] (g*cm ²)	12,0	12,0
Angle of Incidence [AOI] (°)	45,0	37,5
Mechanical Scan Angle (°)	± 10°	
Resonant Frequency (kHz)	13,2	9,5
Dynamic Flatness (pm/(rad/s ²))	4,0	7,9
Reflected Wavefront Error [RWE]	¼ λ @ 632,8nm interferometric within CA	
Typical Coatings Wavelengths* (nm)	532nm, 1064nm, 1080nm, Gold, Silver, CO ₂	
Available Mounts*	Shaft size: 7mm	

*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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