

optoSiC® XY15G

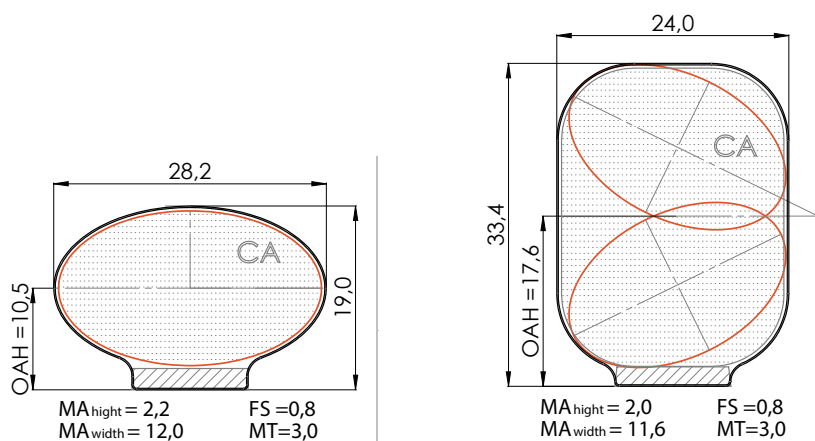
SIC OPTICS FOR HIGH-END LASER PROCESSES - INNOVATIVE LASER GALVO SCANNING MIRRORS MADE OF SILICON CARBIDE.



MIRROR SPECS

	X15G	Y15G
Mass (g)	3,38	4,27
Moment of Inertia [Mol] (g*cm ²)	1,06	1,04
Angle of Incidence [AOI] (°)	45,0	38,0
Mechanical Scan Angle (°)	± 10°	
Resonant Frequency (kHz)	35,8	21,0
Dynamic Flatness (pm/(rad/s ²))	0,35	0,9
Reflected Wavefront Error [RWE]	1/8 λ PV @ 632,8nm interferometric within CA	
Typical Coatings Wavelengths* (nm)	355nm, 532nm, 1064nm, 1080nm, Gold, Silver, CO ₂	
Available Mounts*	Shaft size: 5mm, 6mm, 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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