

optoSic® XY20G

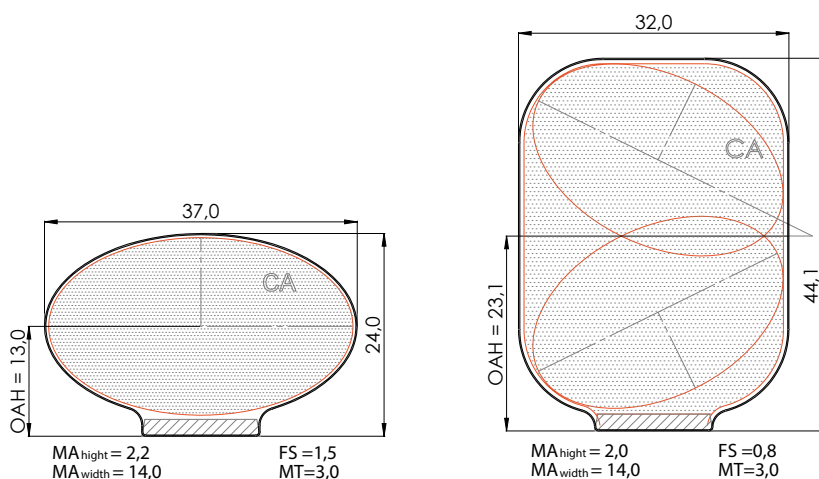
SIC OPTICS FOR HIGH-END LASER PROCESSES - INNOVATIVE LASER GALVO SCANNING MIRRORS MADE OF SILICON CARBIDE.



MIRROR SPECS

	X20G	Y20G
Mass [g]	5,0	6,8
Moment of Inertia [MOI] [g*cm ²]	3,1	3,1
Angle of Incidence [AOI] [°]	45,0	37,5
Mechanical Scan Angle [°]	± 10°	
Resonant Frequency [kHz]	18,9	12,9
Dynamic Flatness [pm/(rad/s ²)]	5,8	12,0
Reflected Wavefront Error [RWE]	¼ λ @ 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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