

optoSiC® XY40G

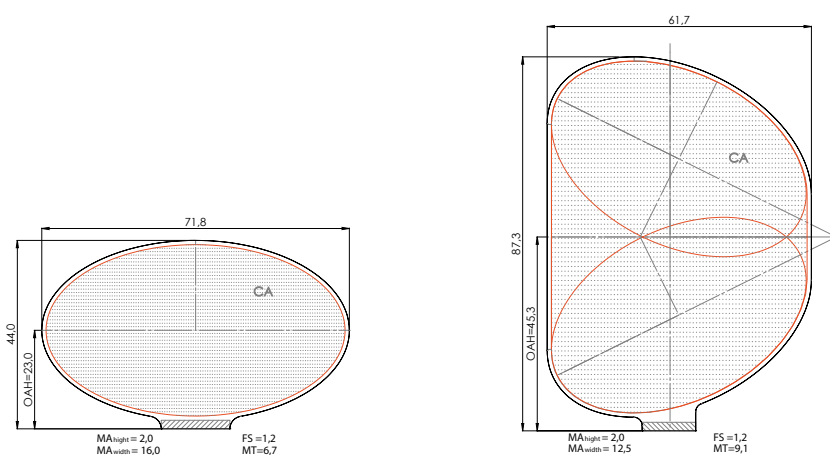
SIC OPTICS FOR HIGH-END LASER PROCESSES - INNOVATIVE LASER GALVO SCANNING MIRRORS MADE OF SILICON CARBIDE.



MIRROR SPECS

	X40G	Y40G
Mass (g)	16,8	32,0
Moment of Inertia [Mol] (g*cm²)	35,4	54,3
Angle of Incidence [AOI] (°)	45,0	38
Mechanical Scan Angle (°)	± 10°	
Resonant Frequency (kHz)	7,6	5,1
Dynamic Flatness (pm/(rad/s²))	17,4	46,2
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

optoSiC®
MERSEN

MERSEN Deutschland
Holding GmbH & Co. KG
Division optoSiC

Baierbrunner Straße 39
D-81379 Munich
Germany

phone +49 (0) 89 780 7239 0
fax +49 (0) 89 780 7239 211
email info.munich@mersen.com

www.optosic.com
www.mersen.com