

# THE WORLD'S SMALLEST HARMONIC DRIVE ACTUATOR

## HARMONIC DRIVE ACTUATOR MRS-3

HD Systems has developed a miniature servo Actuator based on the World's Smallest harmonic drive gearhead, the CSF-3. The MRS-3 actuator is available in 2 models.

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### Preliminary Specifications

Model		MRS-3-50	MRS-3-100
Gear Ratio	-	50:1	100:1
Rated Output Power	W	1.2	0.8
Rated Torque	N.m	0.07	0.10
	In.lb	0.62	0.89
Rated Positioning Speed	rpm	160	80
Maximum Torque	N.m	0.21	0.30
	In.lb	1.86	2.66
Maximum Positioning Speed	rpm	320	120
Weight	g	25	

