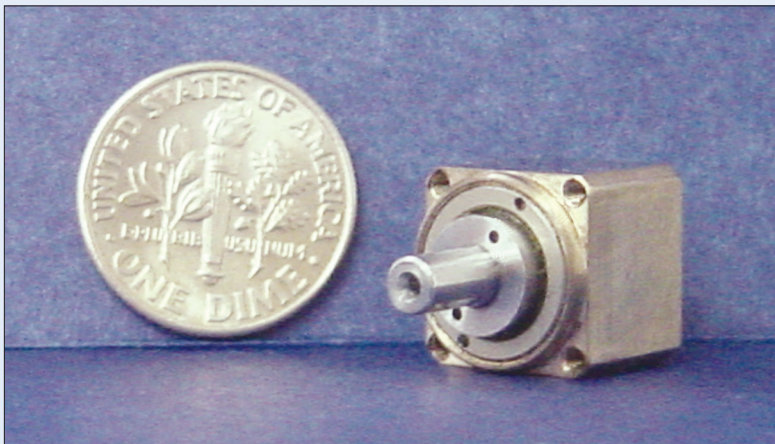


HARMONIC DRIVE® GEARHEAD CSF-3-1UCC

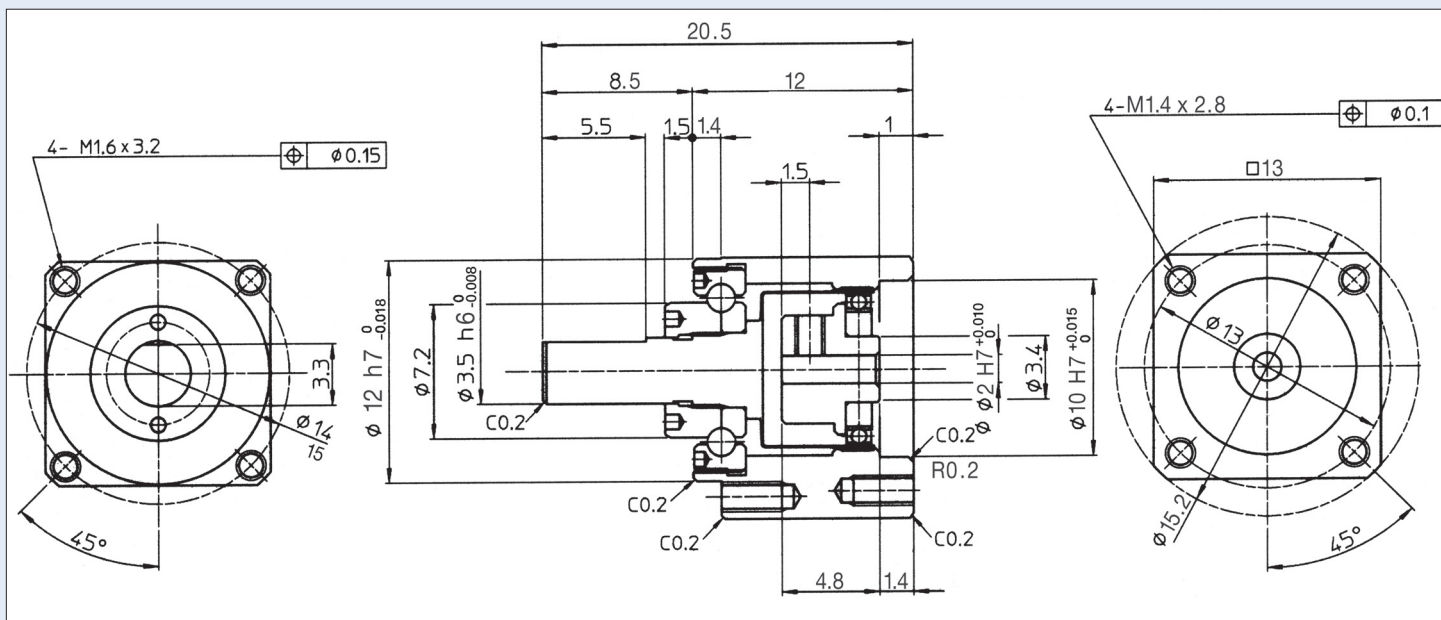
The CSF-3 uses Harmonic Drive LLC's patented design and manufacturing expertise. Ultra Precision Gear-cutting Technology has created the small tooth Module:0.042mm.



FEATURES

- OUTSIDE DIMENSION: 12 MM
- ZERO-BACKLASH
- COMPACT 4-POINT CONTACT BALL BEARING MOUNTED ON MAIN SHAFT

GEAR RATIO	RATED TORQUE		REPEATED PEAK TORQUE		MAX. MOMENTARY TORQUE	
	N.m	In.lb	N.m	In.lb	N.m	In.lb
30	0.04	0.35	0.09	0.80	0.15	1.33
50	0.08	0.71	0.15	1.33	0.29	2.57
100	0.11	0.97	0.21	1.86	0.40	3.54



Harmonic Drive LLC
800-921-3332 • HarmonicDrive.net

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CSF-20160523