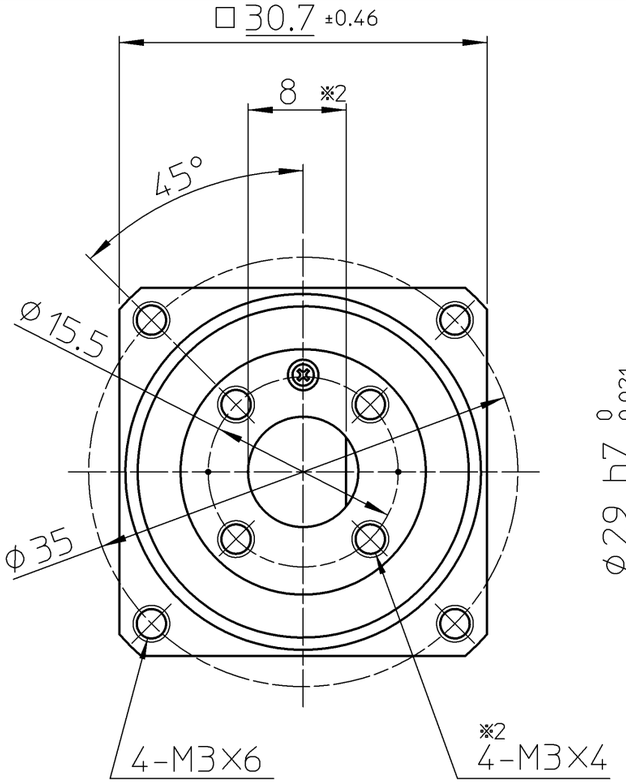
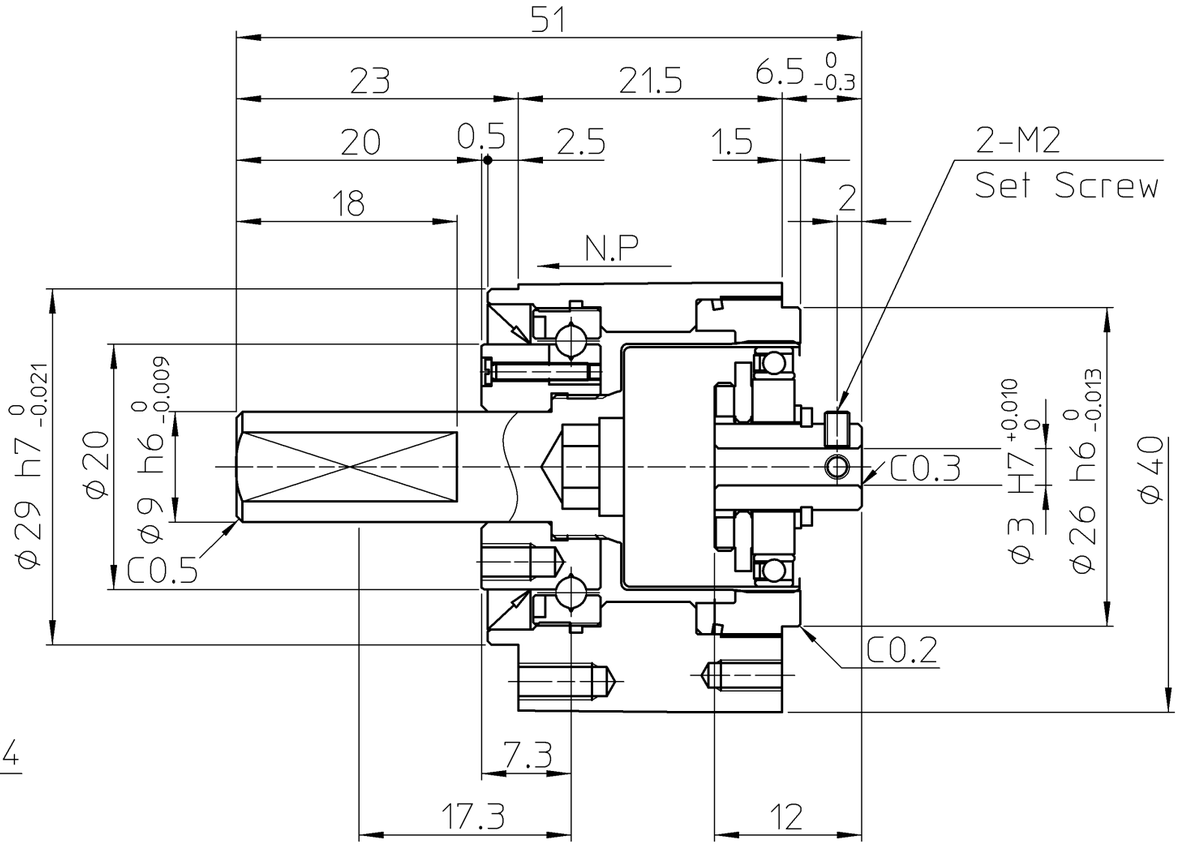
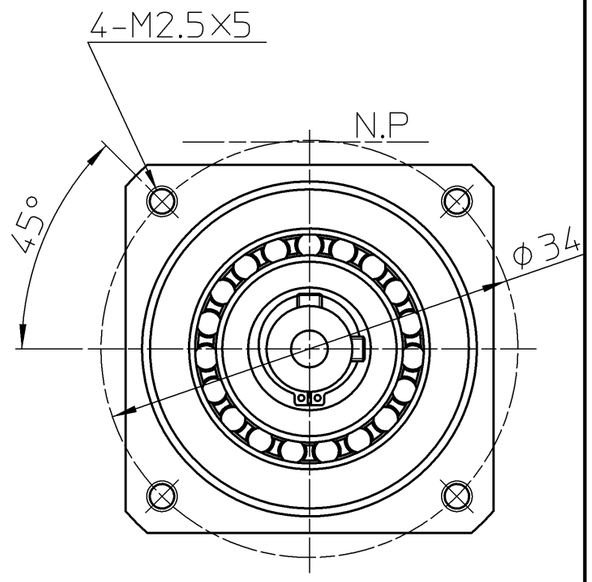
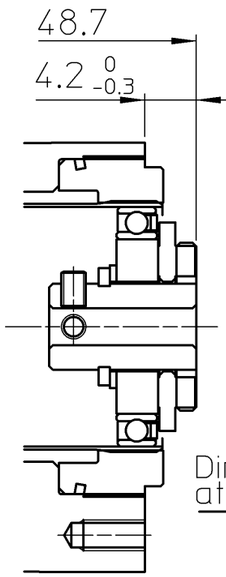








Dimension of interface at counter-assembly

Rating Table

1. Reduction Ratio	50
2. Rated Torque at 2000 r/min	1.8 Nm
3. Limit for Repeated Peak Torque	3.3 Nm
4. Limit for Average Torque	2.3 Nm
5. Limit for Momentary Peak Torque	6.6 Nm
6. Max. Input Speed r/min	8500 r/min
7. Limit for Average Input Speed r/min	3500 r/min

Performance Date for the Output Bearing

Pitch circle dia. of a roller	Offset amount	Basic Dynamic Rated Load C	Basic Static Rated Load Co	Allowable Moment Load Mc	Moment Stiffness Km	Permissible Dynamic Radial Load Fr	Permissible Dynamic Axial Load Fa
20.5 mm	7.3 mm	21.6×10^2 N	19.0×10^2 N	3.46 Nm	2.76×10^3 Nm/rad	200 N	630 N

REMARKS

1. Lubrication : Harmonic Drive® Gear HarmonicGrease® SK-2
   Output Bearing Multemp HL-D
2. Please remark that there is no position relationship between 4-M3×4 and keyway.

Designing and/or Handling of Harmonic Drive® Gears(Harmonic Drive® Actuators) has to Comply with technical information shown in Harmonic Drive® Catalog Registered Trademarks in Japan.

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CUSTOMER DRAWING NO.

訂正 REV		来歴 DESCRIPTION									
仕様 SPEC	(標準)								尺度 SCALE	2:1	
機械加工無記号公差 GENERAL TOLERANCE	0 ~ 0.5	0.5 ~ 6	6 ~ 30	30 ~ 120	120 ~ 315	315 ~ 1000	1000 ~ 2000	備考 REMARKS : 特記無き角はC0.2以下、すみの丸みはR0.4以下	DWG SIZE	UNIT	THIRD ANG
	±0.05	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	無記号表面アラサ SURFACES MARKED EXCEPT AS NOTED ▽→▽50S ▽▽→▽▽25S ▽▽▽→▽▽▽6.3S	A3	mm	

設計 DESIGN	N.KOYAMA	Sep-26-13
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承認 APPD	H.Tsukahara	Sep-26-13

HARMONIC DRIVE SYSTEMS INC TOKYO JAPAN

タイトル TITLE ASSEMBLY DRAWING

製品名 ARTICLE CSF-8-50-1U-CC

図番 DWG No C2A5722 −

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