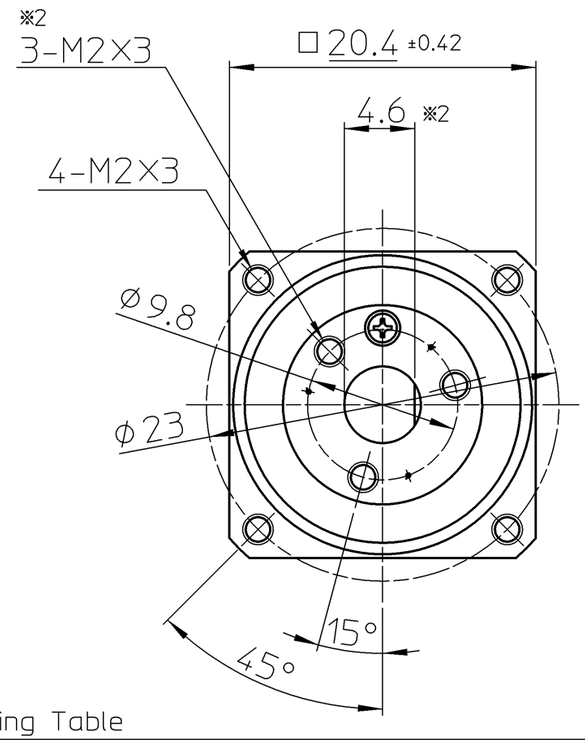
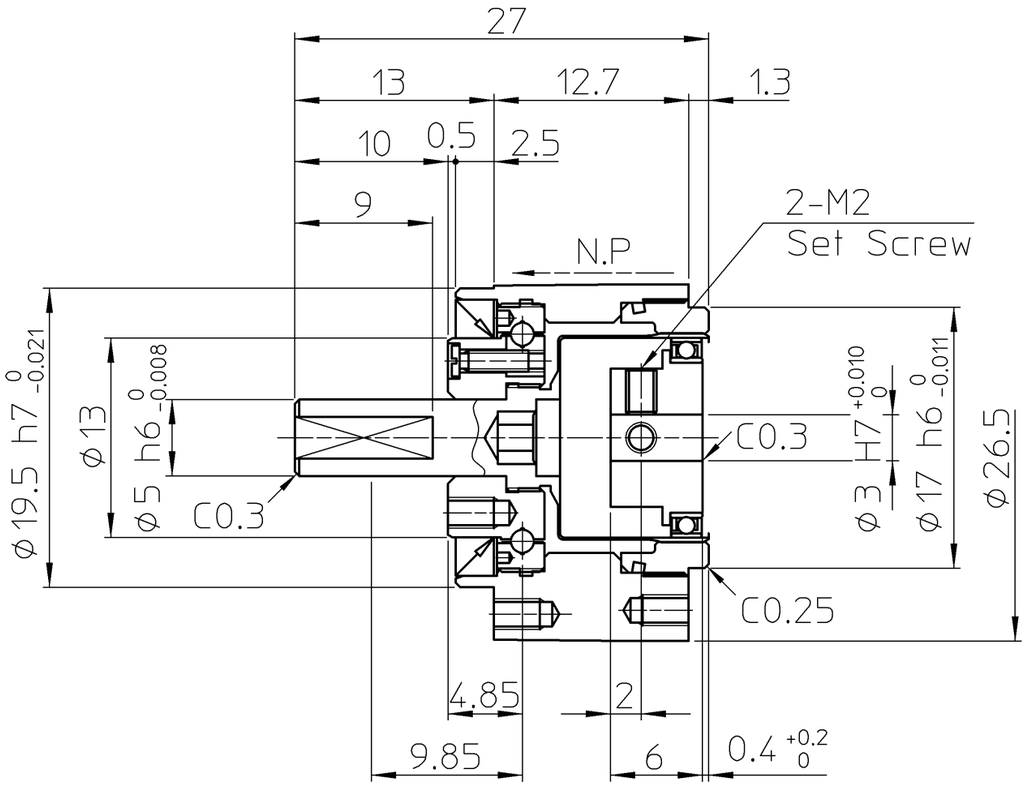
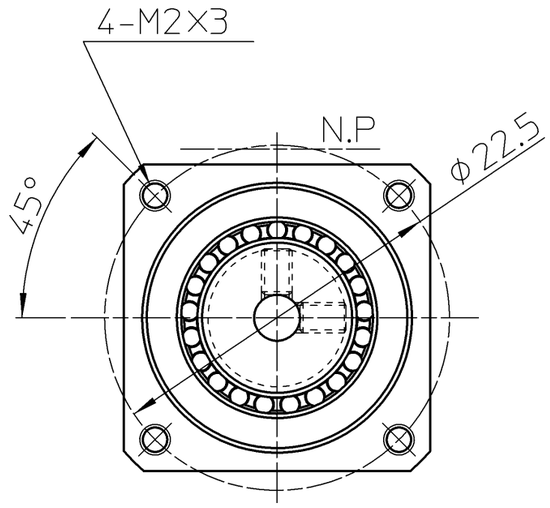
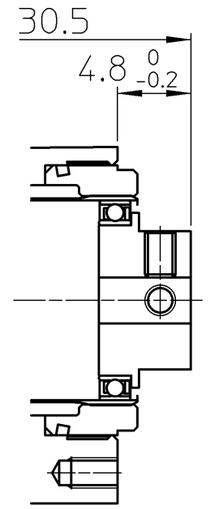








Dimension of interface at counter-assembly

Rating Table

1. Reduction Ratio	50
2. Rated Torque at 2000 r/min	0.40 Nm
3. Limit for Repeated Peak Torque	0.90 Nm
4. Limit for Average Torque	0.53 Nm
5. Limit for Momentary Peak Torque	1.8 Nm
6. Max. Input Speed r/min	10000 r/min
7. Limit for Average Input Speed r/min	6500 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
13.5 mm	4.85 mm	9.14×10^2 N	7.63×10^2 N	0.89 Nm	7.41×10^2 Nm/rad	90 N	270 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 3-M2×3 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.

PROPRIETORSHIP
This drawing (document) is the **PROPERTY** of Harmonic Drive Systems,Inc. and shall not be traced, otherwise copied or used for purposes other than agreed upon, nor communicated to any third party without written permission of Harmonic Drive Systems,Inc.

CUSTOMER DRAWING NO.

訂正 REV	来歴 DESCRIPTION

仕様 SPEC: (標準)

尺度 SCALE: 2.5:1

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
	±0.05	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2

備考 REMARKS : 特記無き角はC0.2以下，すみの丸みはR0.4以下

無記号表面アラサ SURFACES MARKED EXCEPT AS NOTED ▽ → ▽ 50S, ▽▽ → ▽▽ 25S, ▽▽▽ → ▽▽▽ 6.3S

DWG SIZE A3 | UNIT mm | THIRD ANG

設計 DESIGN	N.KOYAMA	Sep-26-13
検図 VRFD	E.KIDOOKA	Sep-26-13
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-5-50-1U-CC

図番 DWG No: C2A5720 −

本図は（株）ハーモニック・ドライブ・システムズの所有に係わるものです．許可なく第3者に見せたり、トレースその他の複写及び指定された用途以外には使用しないで下さい．