



Rating Table

1. Ratio	30	50	100
2. Rated Torque at 2000 rpm	0.25 Nm	0.40 Nm	0.60 Nm
3. Limit for Repeated Peak Torque	0.50 Nm	0.90 Nm	1.4 Nm
4. Limit for Average Torque	0.38 Nm	0.53 Nm	0.94 Nm
5. Limit for Momentary Peak Torque	0.90 Nm	1.8 Nm	2.7 Nm
6. Max. Input Speed rpm	10000 r/min	10000 r/min	10000 r/min
7. Limit for Average Input Speed rpm	6500 r/min	6500 r/min	6500 r/min

Performance Data for the Output Bearing

Pitch Circle	Offset	Dynamic Load Rating C	Static Load Rating Co	Permissible Dynamic Tilting Moment	Tilting Moment Stiffness	Permissible Dynamic Radial Load	Permissible Dynamic Axial Load
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

- Lubrication : Harmonic Drive Harmonic Grease SK-2
Output Bearing Multemp HL-D
Designing and/or Handling of Harmonic Drive Gears(Harmonic Actuators)
has to Comply with technical information shown in Harmonic Drive Catalog

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CUSTOMER DRAWING NO.

訂正 REV	来歴 DESCRIPTION	設計 DESIGN	N.KOYAMA	Jun- 3-08	タイトル TITLE	ASSEMBLY DRAWING
仕様 SPEC	(標準)	検図 VRFD	E.KIDOOKA	Jun- 3-08	製品名 ARTICLE	CSF-5-XX-1U-F
機械加工無記号公差 GENERAL TOLERANCE	備考 REMARKS : 特記無き角はC0.2以下、すみの丸みはR0.4以下 無記号表面アブラサ SURFACES MARKED EXCEPT AS NOTED	承認 APPD	T.HAGIWARA	Jun- 3-08	図番 DWG No	C2A0722 -
0 0.5 6 30 120 315 1000 2000	±0.05 ±0.1 ±0.2 ±0.3 ±0.5 ±0.8 ±1.2	50S 25S 6.3S	尺度 SCALE	2.5:1	DWG SIZE	A3
			UNIT	mm	THIRD ANG	☉
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