



Rating Table

Rated Torque (2000r/min)	Limit for Repeated Peak Torque	Limit for Average Torque	Limit for Momentary Peak Torque	Max. Input Speed	Limit for Average Input Speed
1.8 Nm	3.3 Nm	2.3 Nm	6.6 Nm	8500 r/min	3500 r/min

Performance Date for the Output Bearing

Pitch Circle	Offset	Dynamic Load Rating C	Static Load Rating Co	Permissible Dynamic Tilting Moment	Tilting Moment Stiffness	Permissible Dynamic Axial Load
20.5 mm	7.3 mm	2.16x10 <sup>3</sup> N	1.90x10 <sup>3</sup> N	3.46 Nm	2.76x10 <sup>3</sup> Nm/rad	630 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.

CUSTOMER DRAWING NO.

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訂正 REV	来歴 DESCRIPTION	設計 DESIGN	Y.MIZUTANI	Sep-14-10	タイトル TITLE	ASSEMBLY DRAWING
仕様 SPEC	(標準)	検図 VRFD	T.HAGIWARA	Sep-14-10	製品名 ARTICLE	CSF-8-50-1U-F
機械加工無記号公差 GENERAL TOLERANCE	備考 REMARKS : 特記無き角はCO. 2以下、すみの丸みはRO. 4以下 無記号表面アラス SURFACES MARKED EXCEPT AS NOTED	承認 APPD	J.KUROGI	Sep-14-10	図番 DWG No	C2A2341 -
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
DWG SIZE		UNIT		THIRD ANG		
A3		mm		☉ ☐		
HARMONIC DRIVE SYSTEMS		INC		TOKYO JAPAN		
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