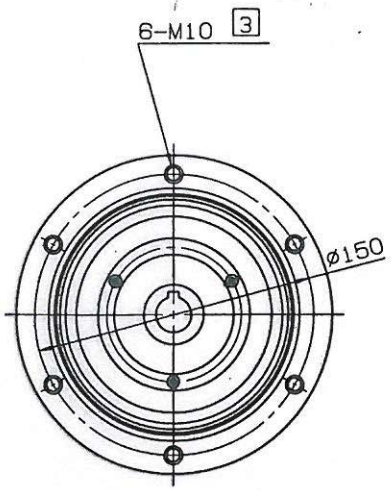
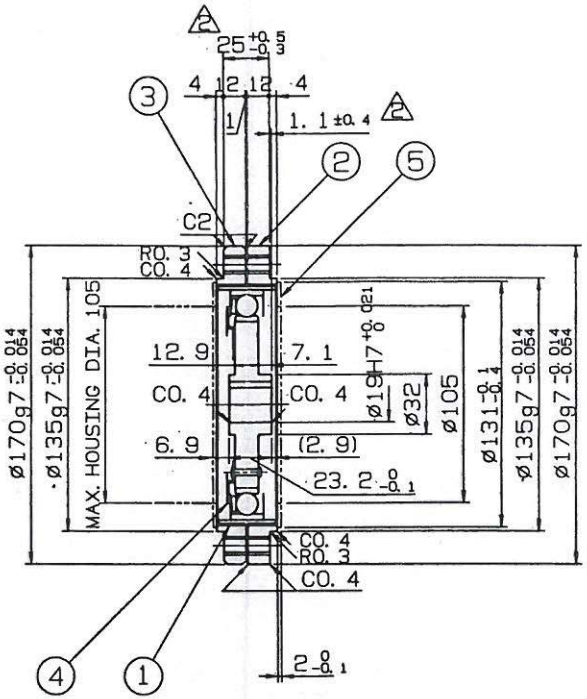
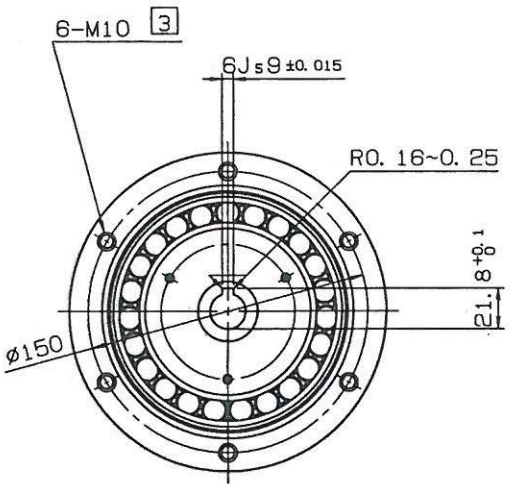






HARMONIC DRIVE GERMANY

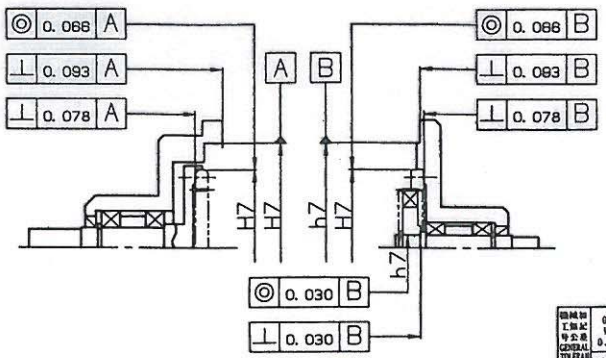
Mat-Nr./Part No.	Bestellbezeichnung/Order Code
401043	Comp.Set HDUF-50-100-BLS
401044	Comp.Set HDUF-50-160-BLS
401046	Comp.Set HDUF-50-80-BLS
401047	Comp.Set HDUF-50-80-BL3
Dok-Nr./Doc No.	50028749-HEZ-000-00

PROPRIETORSHIP

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1. Marking: 50-( )-( )
   Size — Ratio — Job Number
2. Maintain at assembly and under all operating load conditions.
3. Use alloy steel screws. Torque to manufacturers maximum recommended value.
4. See "Harmonic Drive Catalog" for design and handling.
5. Maintaining standard components in "AS RECEIVED" sets is recommended.
6. Flexspline Stopper
   The Flexspline under torque load has tendency to "walk out" of the Circular Splines. Stopper rings (⑤) provided with each set must be located directly adjacent to the Flexspline for its containment.

   If this is not practical a hardened surface Rockwell 29~34C should extend at least to "maximum housing dia." as shown.



RECOMMENDED TOLERANCE FOR HOUSING

ITEM	PART NO.	PART NAME
5		FLEXSPLINE STOPPER
4		WAVE GENERATOR
3		DYNAMIC SPLINE
2		CIRCULAR SPLINE
1		FLEXSPLINE

工作番号 No.	OF WORK	台数 QTY

一般公差 GENERAL TOLERANCE	0 to 0.5	0.5 to 6	6 to 30	30 to 120	120 to 315	315 to 1000	1000 to 2000
	±0.05	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2

特記なき表面アラサ SURFACES MARKED EXCEPT AS NOTED 6.3 ▽～▽▽, 3.2 ▽▽～▽▽▽, 1.6 ▽▽▽～▽▽▽.

REV.	DATE	DESCRIPTION	DRAWN	CHKD
		来歴	製図	審査

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熱処理 HEAT					
備考 REMARKS	特記なき角は C0.2以下, すみは R0.4以下		材質 MATL	台数 QTY	素材寸法 BLANK DIMENSIONS	素材重量 BLANK WT	仕上重量 CALC WT
設計 DESIGN							
製図 DRAWN	K. Fujii	Jul 27'87	SCALE	1:2	製品名 ARTICLE	HDUF-50-XX-2-G	
審査 CHKD	N. Shirosawa	Jul-28-'87	THIRD ANG		COMPONENT ASSEMBLY		
承認 APPD	K. TANAKA	Sep-28-'87					

HARMONIC DRIVE SYSTEMS — HDNC TOKYO JAPAN

図面サイズ DWG SIZE: C

図番 DWG No.: 0 4 1 7 2 5 6