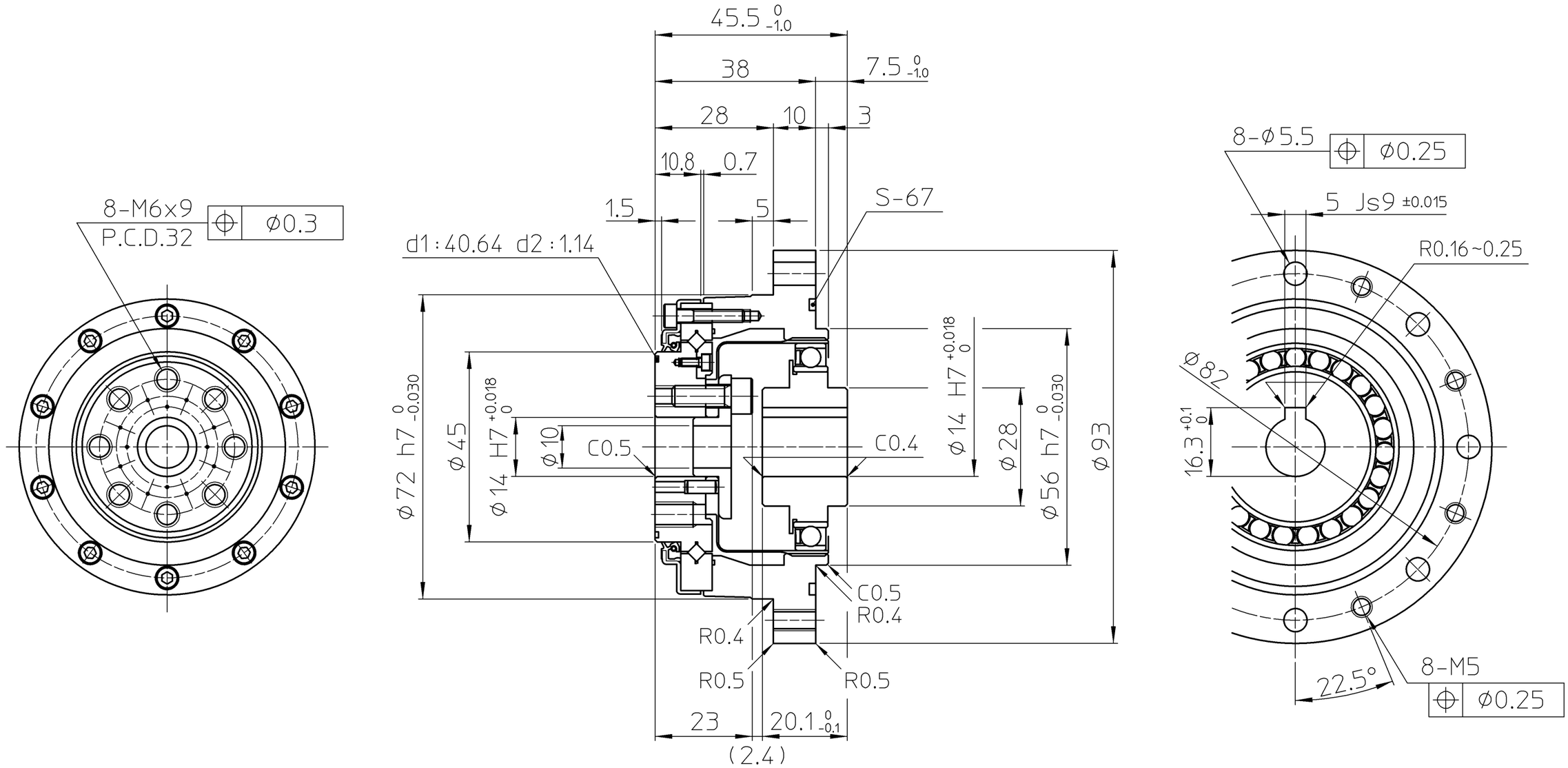

REMARKS

- Lubrication : HarmonicDrive® Gear — HarmonicGrease® SK-1A
  Cross Roller Bearing — HarmonicGrease® 4B No.2
- Designing and/or Handling of HarmonicDrive® Gears (HarmonicDrive® Actuators) has to comply with technical information shown in HarmonicDrive® Catalog.
- Registered Trademark in Japan.

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ENCLOSED IN THE BOX	
O-ring	S-67
O-ring	d1 : 40.64 d2 : 1.14

CUSTOMER DRAWING NO.

訂正 REV	来歴 DESCRIPTION

仕様 SPEC: C1 | 45-10254A01 | 尺度 SCALE: 1:1

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	T.Wada	Mar- 4-'14
検図 VRFD	S.Momose	Mar- 5-'14
承認 APPD	E.KIDOOKA	Mar- 5-'14

HARMONIC DRIVE SYSTEMS INC TOKYO JAPAN

タイトル TITLE: ASSEMBLY DRAWING
製品名 ARTICLE: CSFN-20-50-2UH-LW-SP
図番 DWG No: C2A6297 —

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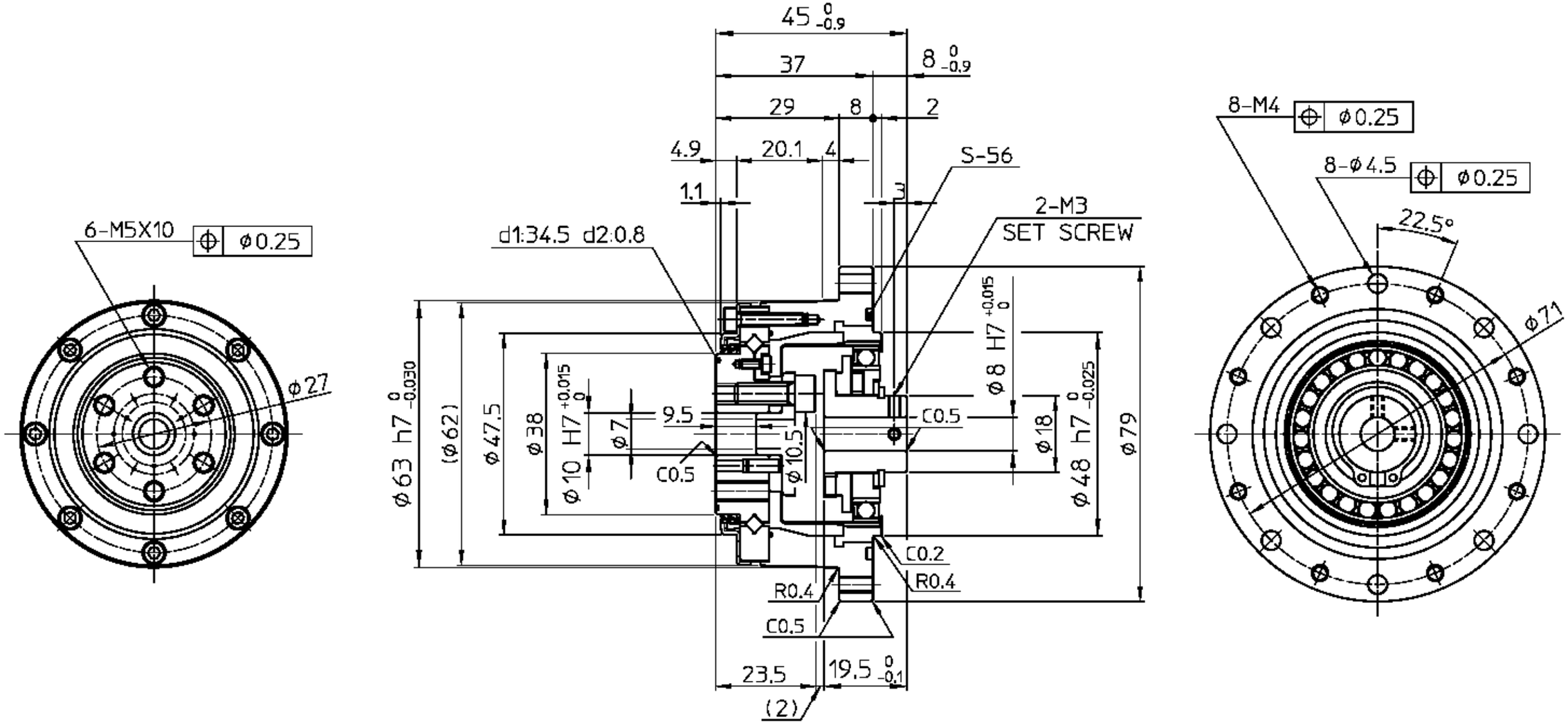

REMARKS

·Lubrication : Harmonic Grease SK-2

Cross Roller Bearing Harmonic Grease 4B No.2

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

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ENCLOSED IN THE BOX	
O-ring	S-56
O-ring	d1:34.5 d2:0.80

CUSTOMER DRAWING NO.

訂正 REV	来歴 DESCRIPTION				
仕様 SPEC	(標準)	45-10127C01	尺度 SCALE	1:1	

機械加工寸法	0 ~ 0.5	0.5 ~ 6	6 ~ 30	30 ~ 120	120 ~ 315	315 ~ 1000	1000 ~ 2000
GENERAL TOLERANCE	±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	UNIT	THIRD ANG
A3	mm	

設計 DESIGN	T.Wada	Aug- 1-'13	タイトル TITLE ASSEMBLY DRAWING
検図 VRFD	E.KIDOOKA	Aug- 1-'13	製品名 ARTICLE CSFN-17-50-2UH-LW
承認 APPD	H.Tsukahara	Aug- 1-'13	

HARMONIC DRIVE SYSTEMS | INC TOKYO JAPAN

図番 DWG No C2A5456 −

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