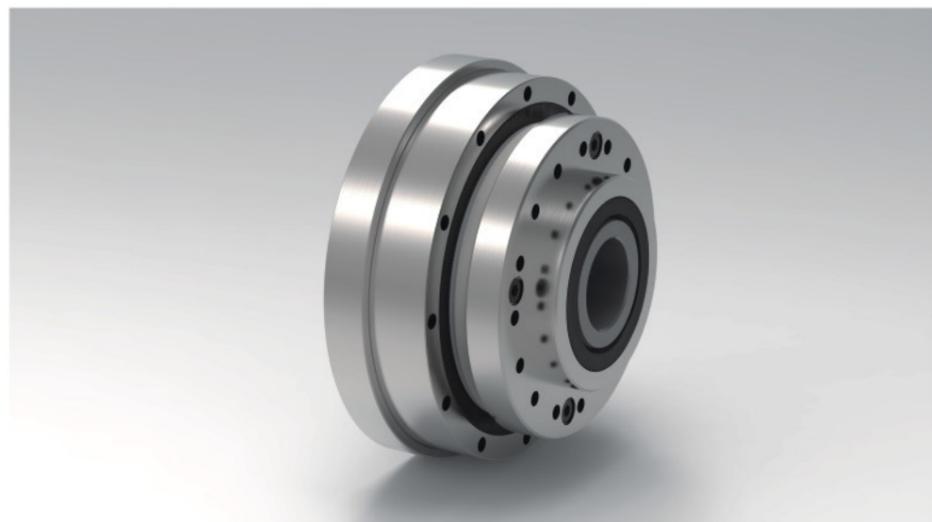




Strain Wave Gear KBG-HO Series Box Unit Hollow shaft open Flexspline



Ordering Code

Gear Series	Transmission Type	Gear Size	Ratios				Special Design	
KBG	HO	14	50	80	100		as per customers' special requirements	
		17	50	80	100	120		
		20	50	80	100	120		160
		25	50	80	100	120		160
		32	50	80	100	120		160
		40	50	80	100	120		160
		45	50	80	100	120		160
Ordering Code								
KBG-HO		-	25	-	100	-	SP	

Technical Specifications

Series	Size	Ratio	Max Output Torque	Average Output Torque	Rated Output Torque at rated speed 2000 rpm	Emergency Stop Torque	Max Input Speed	Average Input Speed	Moment of Inertia	Weight
			Nm	Nm	Nm	Nm	rpm	rpm	kgm ²	kg
KBG-HO	14	50	23	9	7	46	8500	3500	0.18x10 ⁻⁴	0.71
		80	30	14	10	61				
		100	36	14	10	70				
	17	50	44	34	21	91	7300	3500	0.34x10 ⁻⁴	1.00
		80	56	35	29	113				
		100	70	51	31	143				
	20	50	73	44	33	127	6500	3500	0.58x10 ⁻⁴	1.38
		80	96	61	44	165				
		100	107	64	52	191				
	25	50	127	72	51	242	5600	3500	1.23x10 ⁻⁴	2.1
		80	178	113	82	332				
		100	204	140	87	369				
	32	50	229	140	87	408	4800	3500	3.66x10 ⁻⁴	4.5
		80	281	140	99	497				
		100	395	217	153	738				
	40	50	433	281	178	841	4000	3000	9.28x10 ⁻⁴	7.7
		80	459	281	178	892				
		100	484	281	178	892				
	45	50	523	255	178	892	4500	2500	13.8x10 ⁻⁴	10.1
		80	675	369	268	1270				
		100	738	484	345	1400				
	50	50	802	586	382	1530	4500	2500	57.2x10 ⁻⁴	14.5
		80	841	586	382	1530				
		100	892	586	382	1530				

Advantages

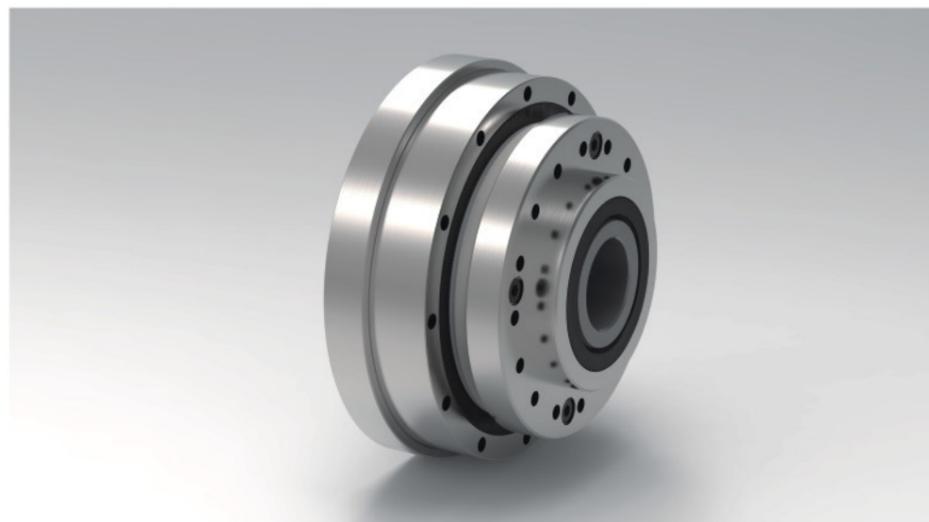
- High positioning and rotational accuracy
- High repeatability accuracy
- High torque
- Super compact design
- Backlash free
- Long service life
- High torsional stiffness
- High efficiency
- Simple installation
- Flexible for application design

Main Applications

- Robots
- High Precision Tooling Machine
- High Precision Testing Equipment
- Medical Equipment
- Optical Equipment
- Analytical and Testing Equipment
- Semiconductor Manufacturing Systems
- Packing Machines



Strain Wave Gear KBG-HO Series Box Unit Hollow shaft open Flexspline



Ordering Code

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		32	50	80	100	120		160
		40	50	80	100	120		160
		45	50	80	100	120		160
Ordering Code								
KBG-HO		-	25	-	100	-	SP	

Technical Specifications

Series	Size	Ratio	Max Output Torque	Average Output Torque	Rated Output Torque at rated speed 2000 rpm	Emergency Stop Torque	Max Input Speed	Average Input Speed	Moment of Inertia	Weight
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	45	50	523	255	178	892	4500	2500	13.8x10 ⁻⁴	10.1
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		80	841	586	382	1530				
		100	892	586	382	1530				

Advantages

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- High repeatability accuracy
- High torque
- Super compact design
- Backlash free
- Long service life
- High torsional stiffness
- High efficiency
- Simple installation
- Flexible for application design

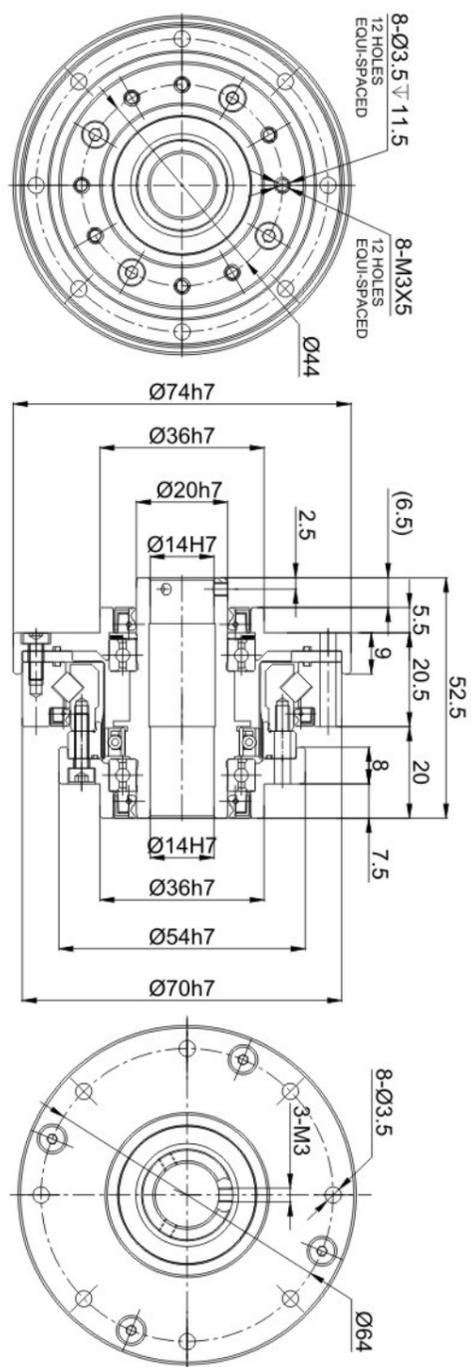
Main Applications

- Robots
- High Precision Tooling Machine
- High Precision Testing Equipment
- Medical Equipment
- Optical Equipment
- Analytical and Testing Equipment
- Semiconductor Manufacturing Systems
- Packing Machines

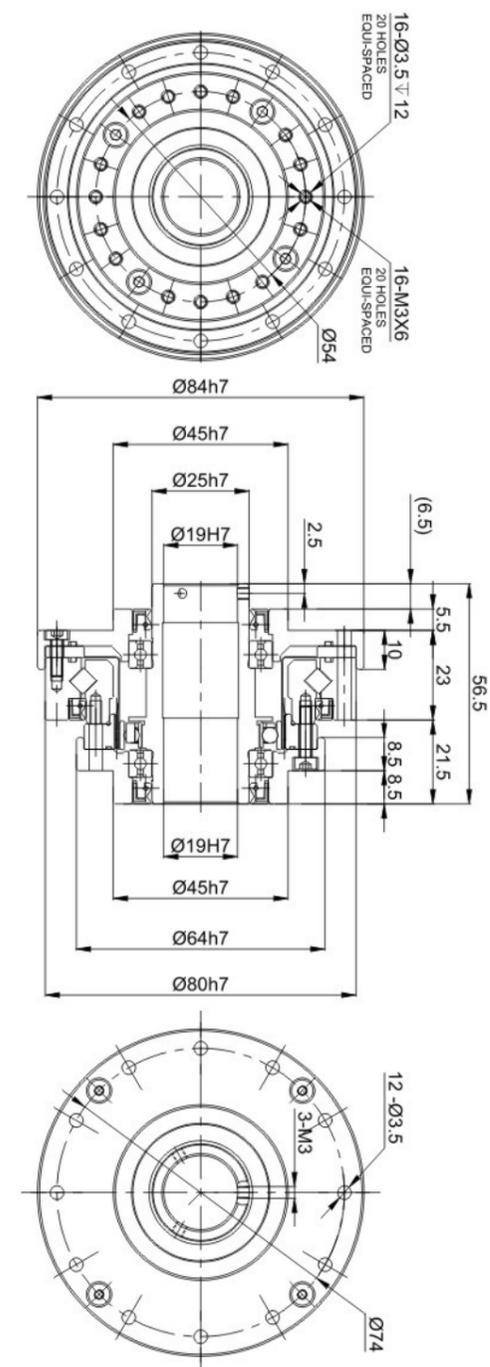


Gear Dimensions

Box Unit KBG-HO-14



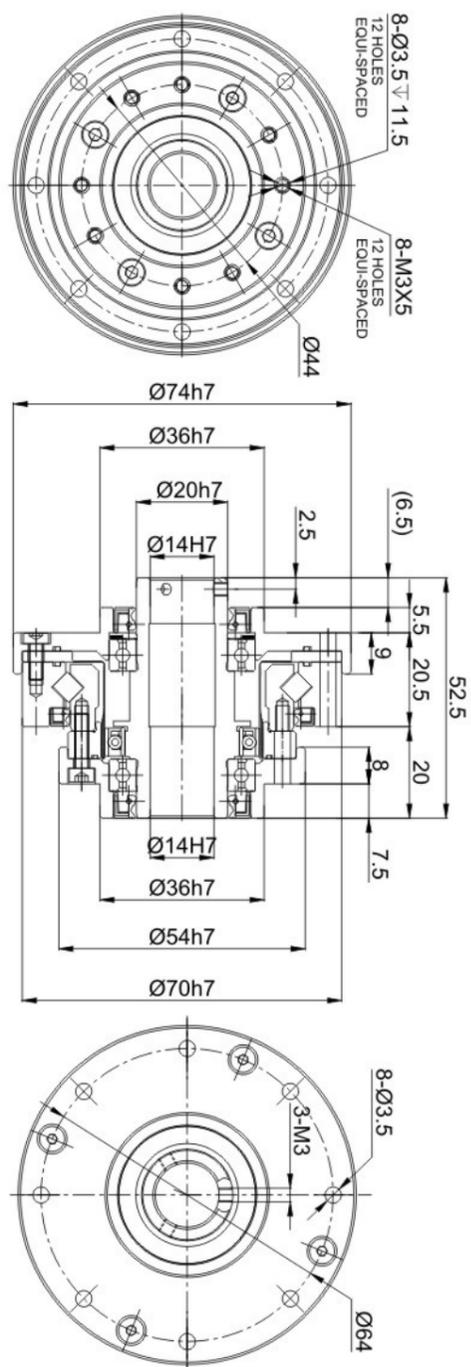
Box Unit KBG-HO-17



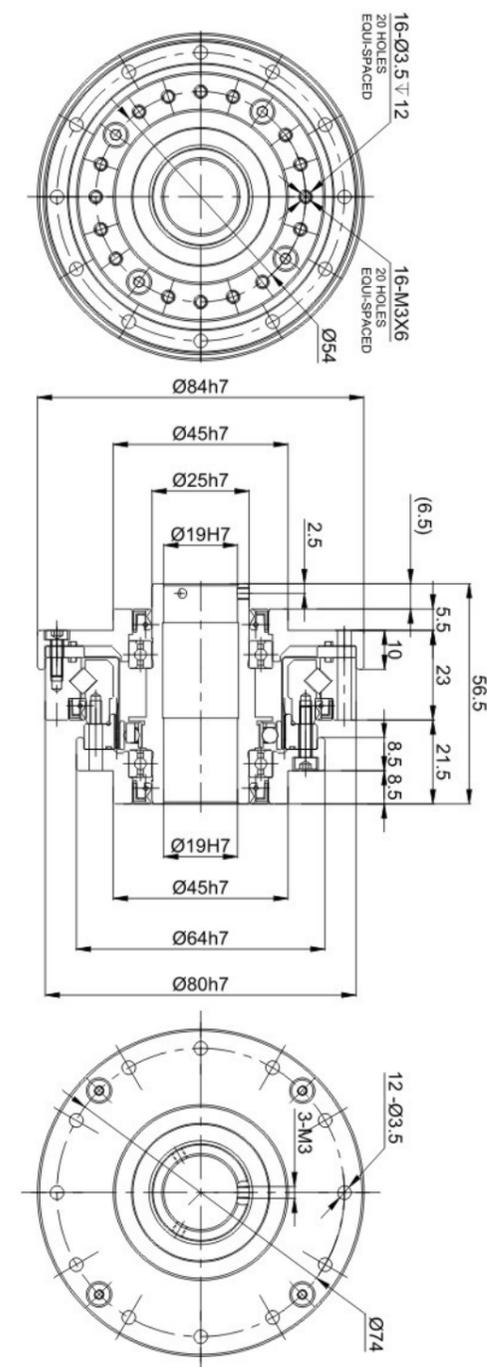


Gear Dimensions

Box Unit KBG-HO-14



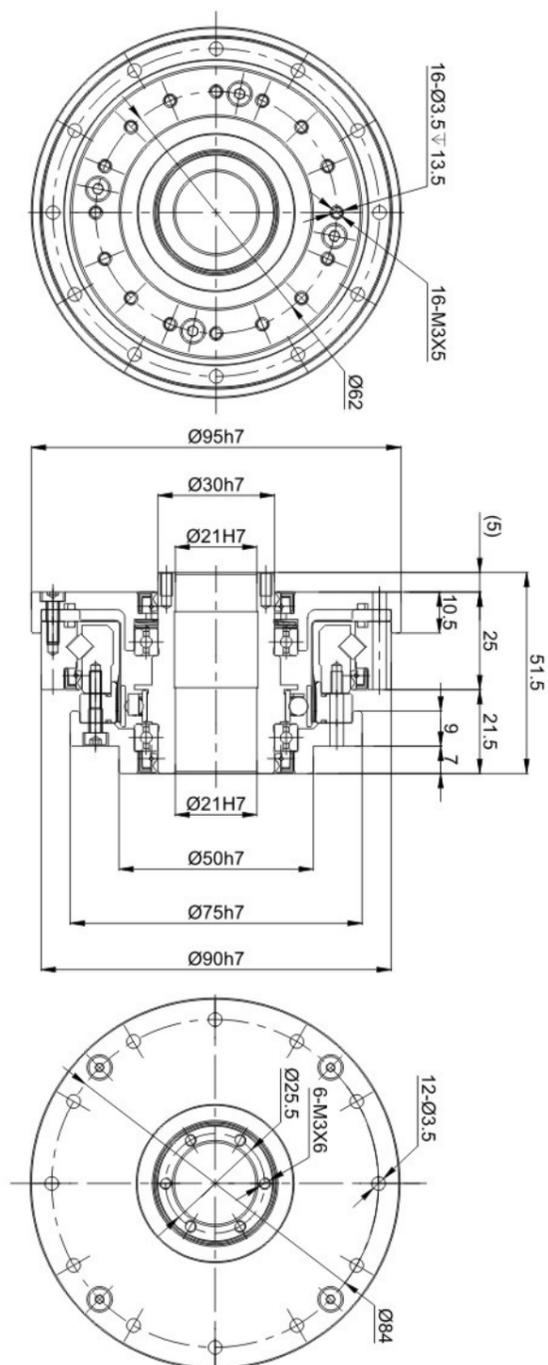
Box Unit KBG-HO-17



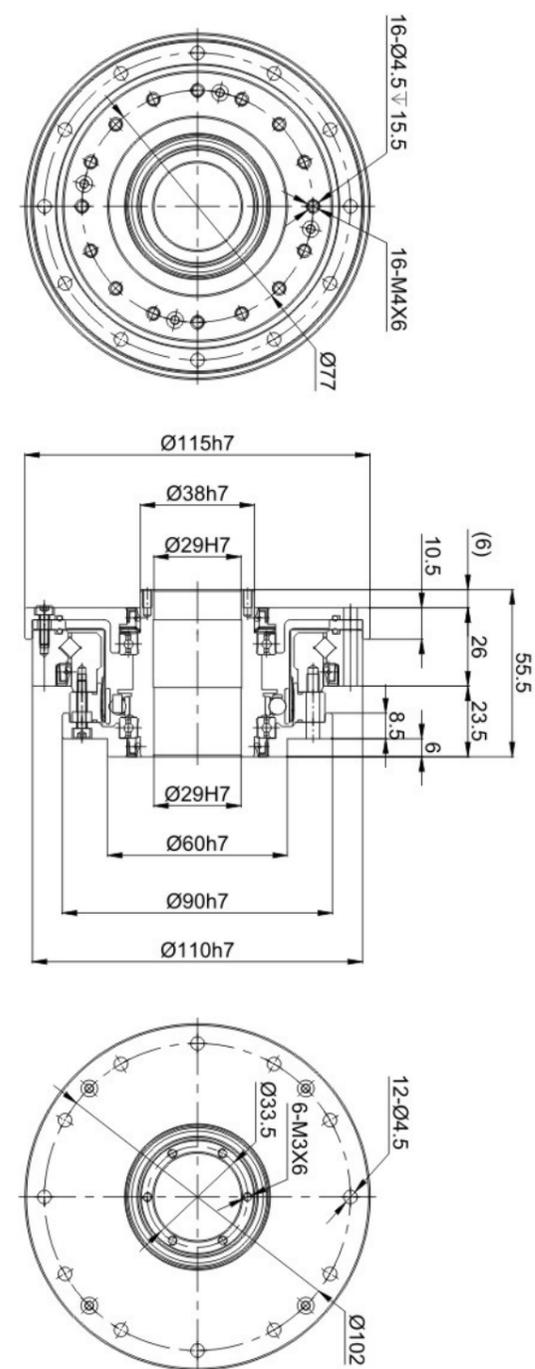


Gear Dimensions

Box Unit KBG-HO-20



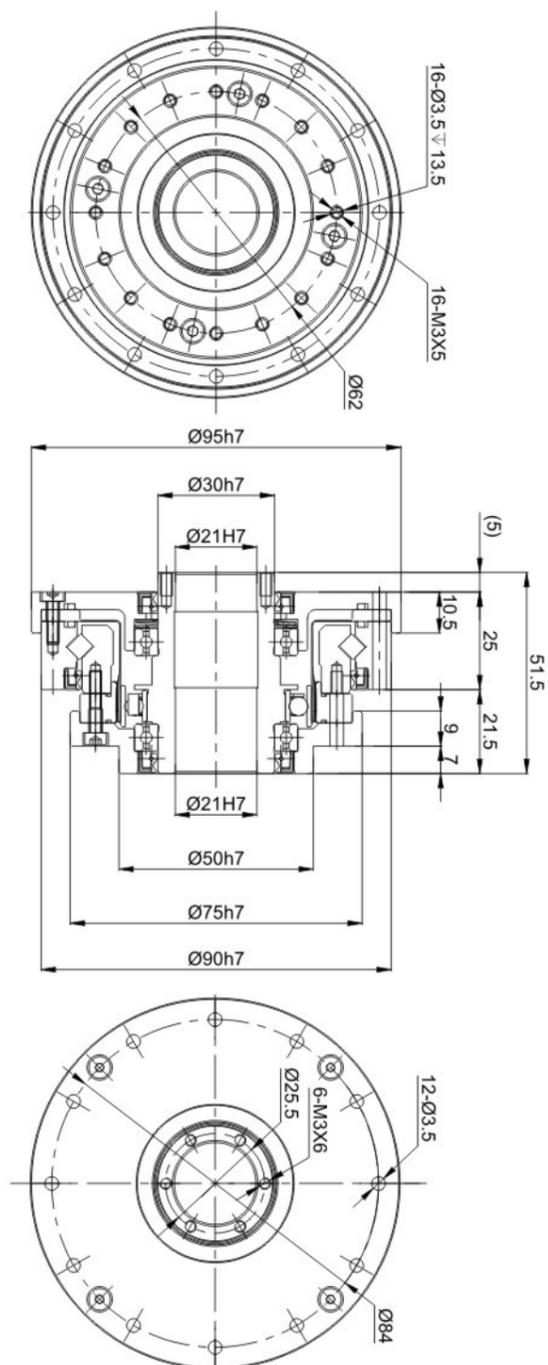
Box Unit KBG-HO-25



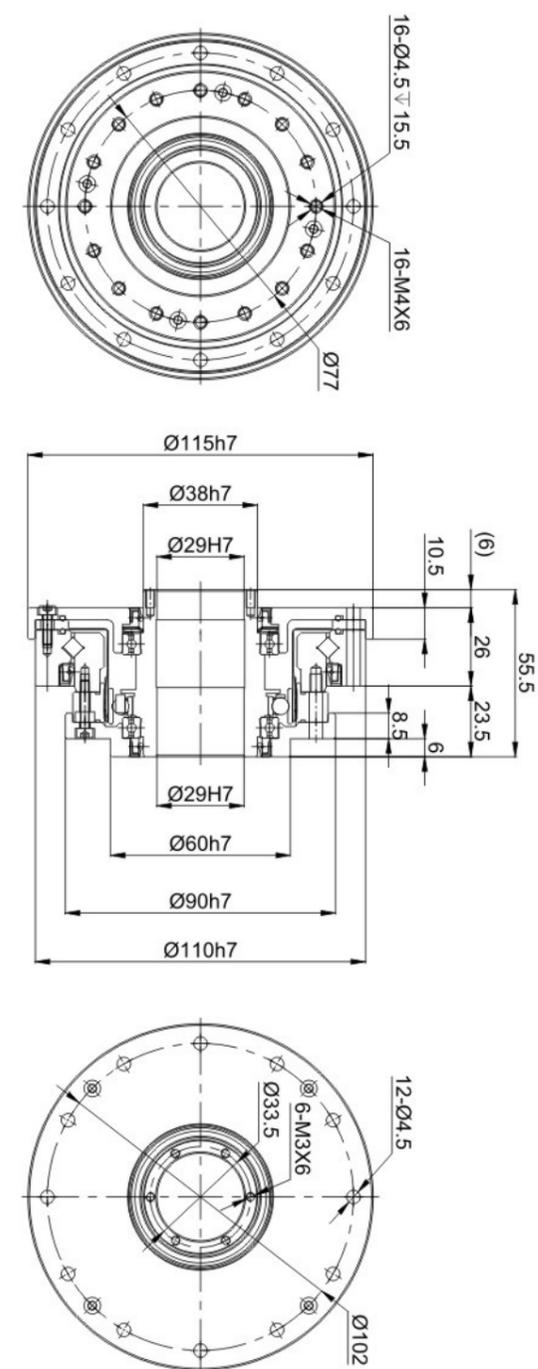


Gear Dimensions

Box Unit KBG-HO-20



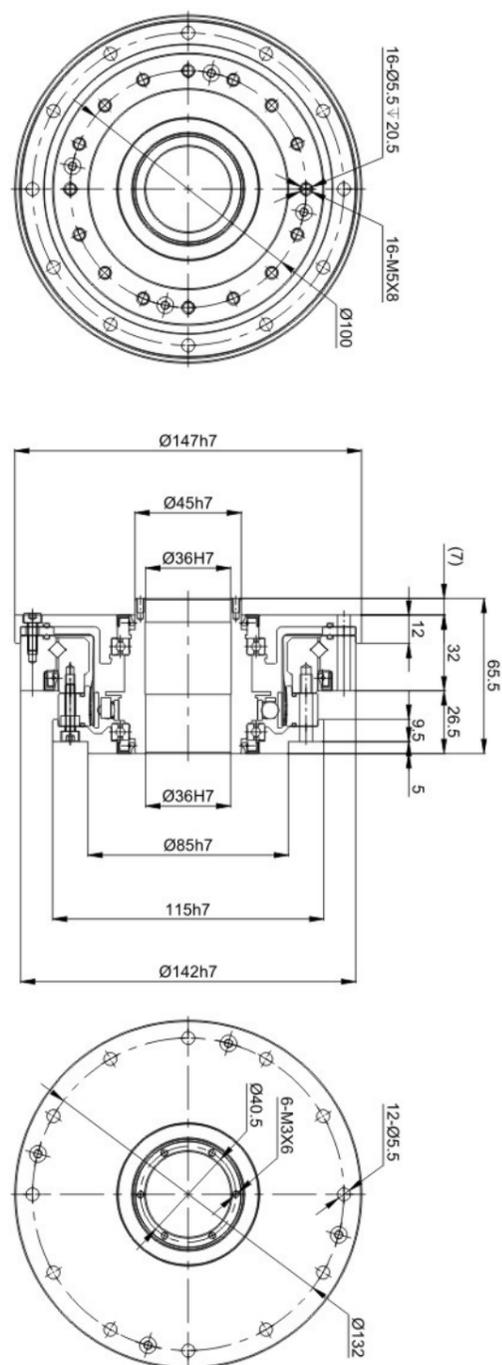
Box Unit KBG-HO-25



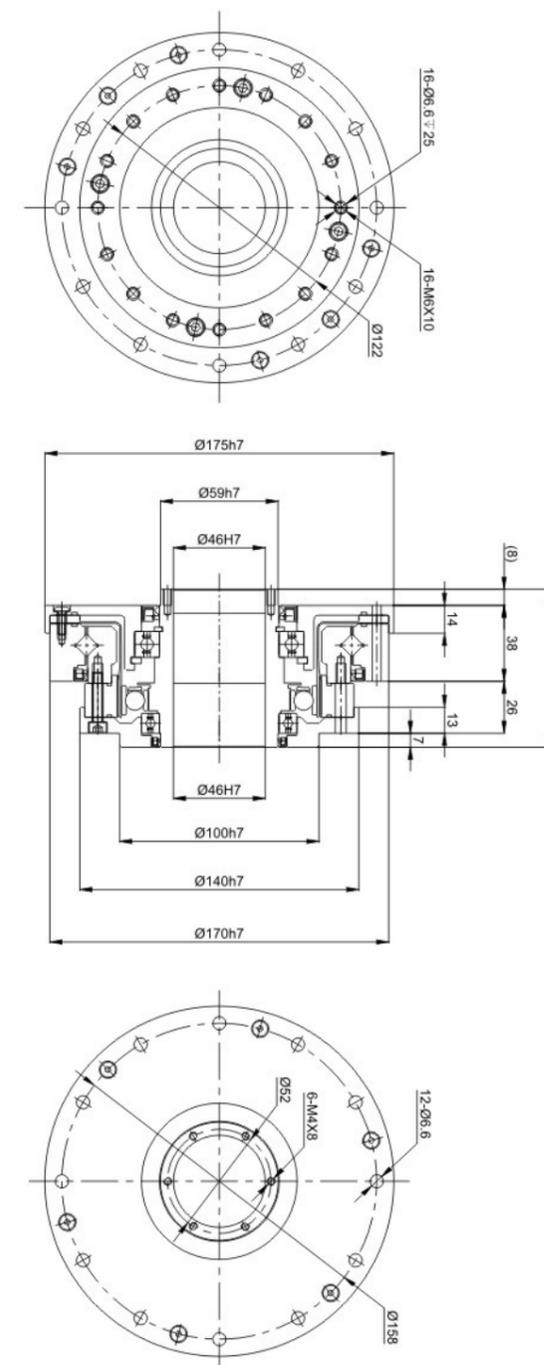


Gear Dimensions

Box Unit KBG-HO-32



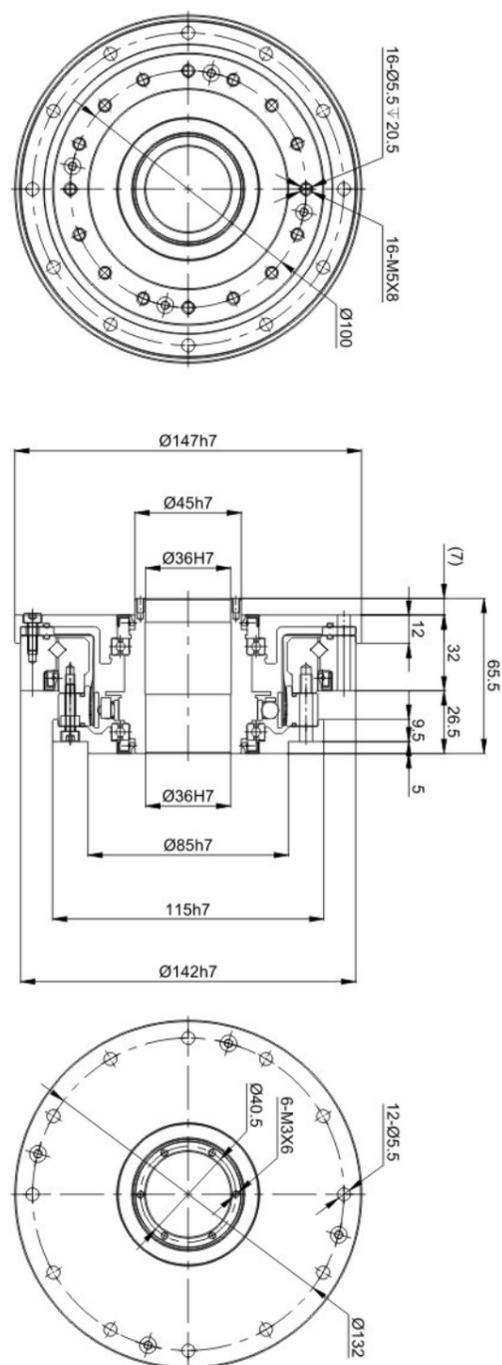
Box Unit KBG-HO-40



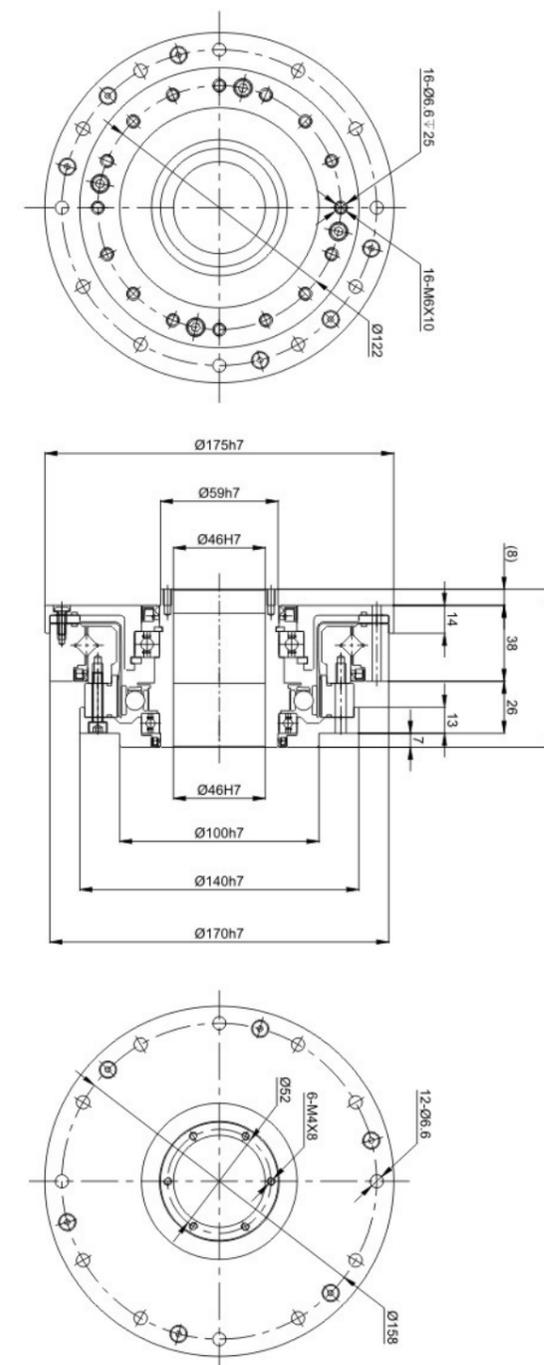


Gear Dimensions

Box Unit KBG-HO-32



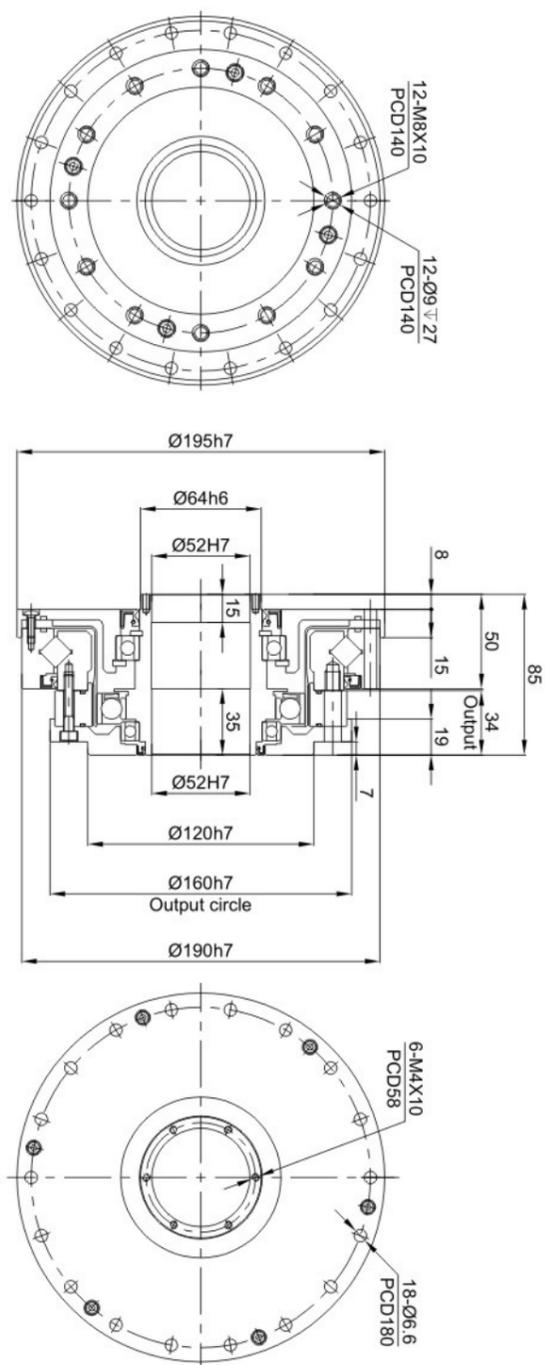
Box Unit KBG-HO-40



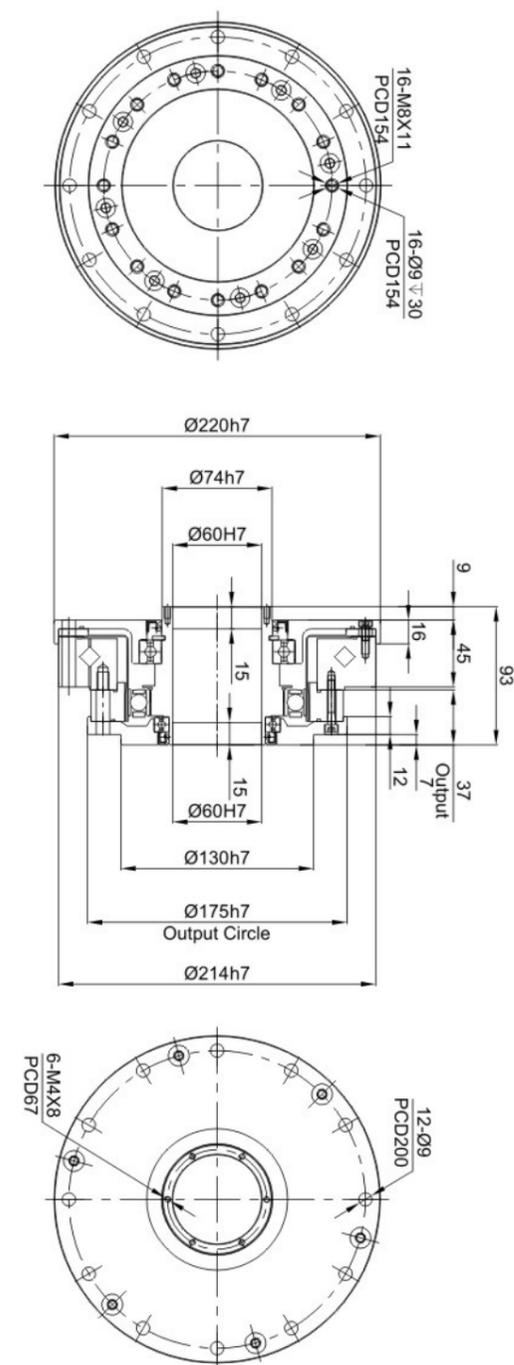


Gear Dimensions

Box Unit KBG-HO-45



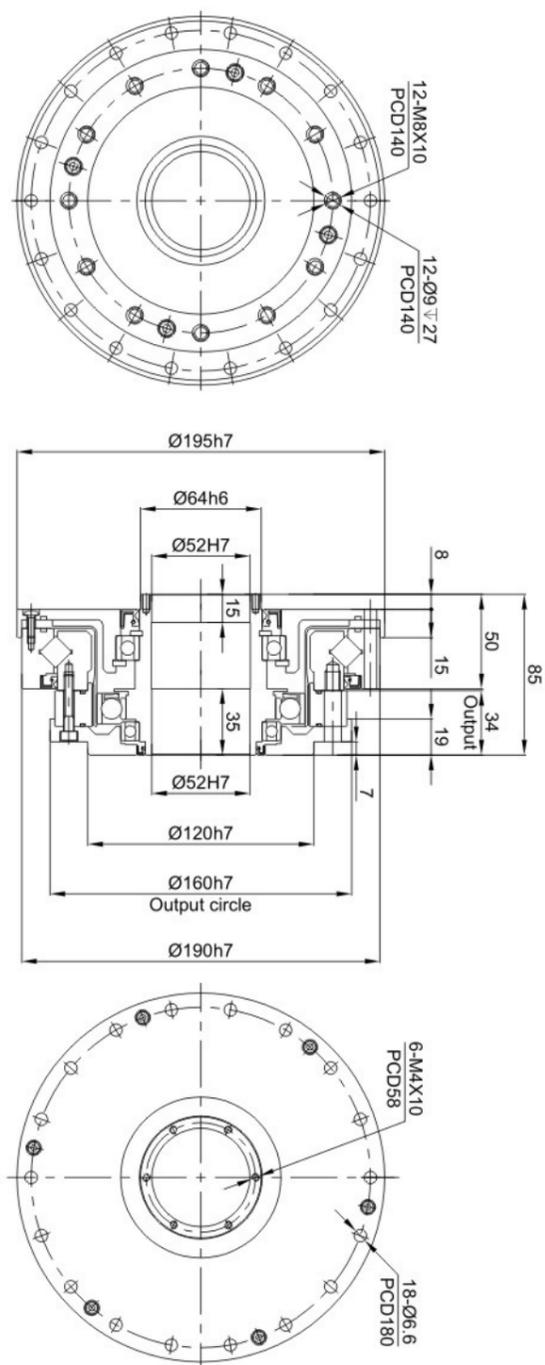
Box Unit KBG-HO-50





Gear Dimensions

Box Unit KBG-HO-45



Box Unit KBG-HO-50

