

## SG Series

Swing Reducer



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## SG04 reducer SG04A01

### Characteristic

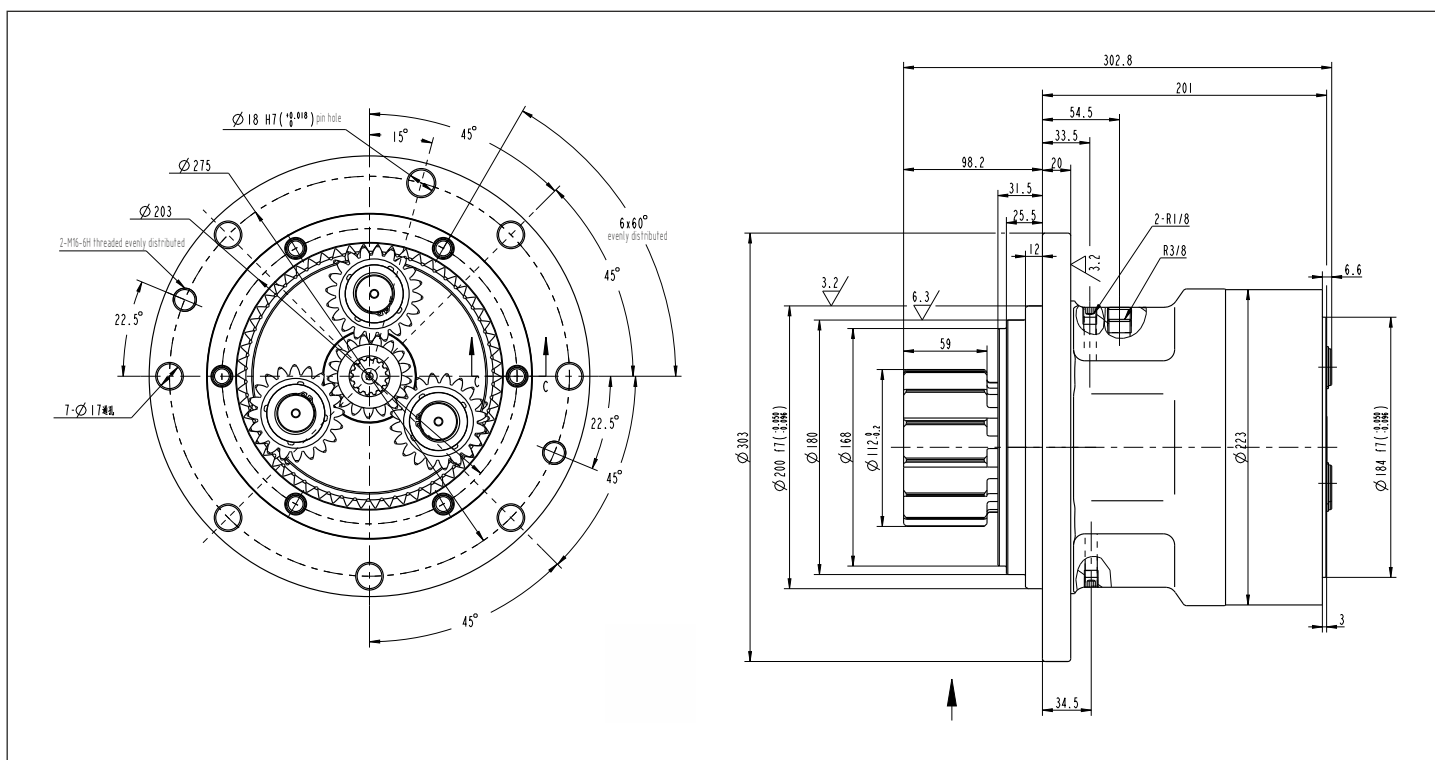
SG04 series reducer is used in 6-ton excavator, using two-stage planetary deceleration, speed up, with advanced technology, perfect process and high reliable quality assurance, longer service life, higher effect and better stability than similar products



### Parameters

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Output torque /N.m	Output speed r/min
				Z	M	B				
Ø203	6-M12	Ø275	7-Ø17	13	7	59	51.3	19.464	2238	81.5

### Unit Dimensions







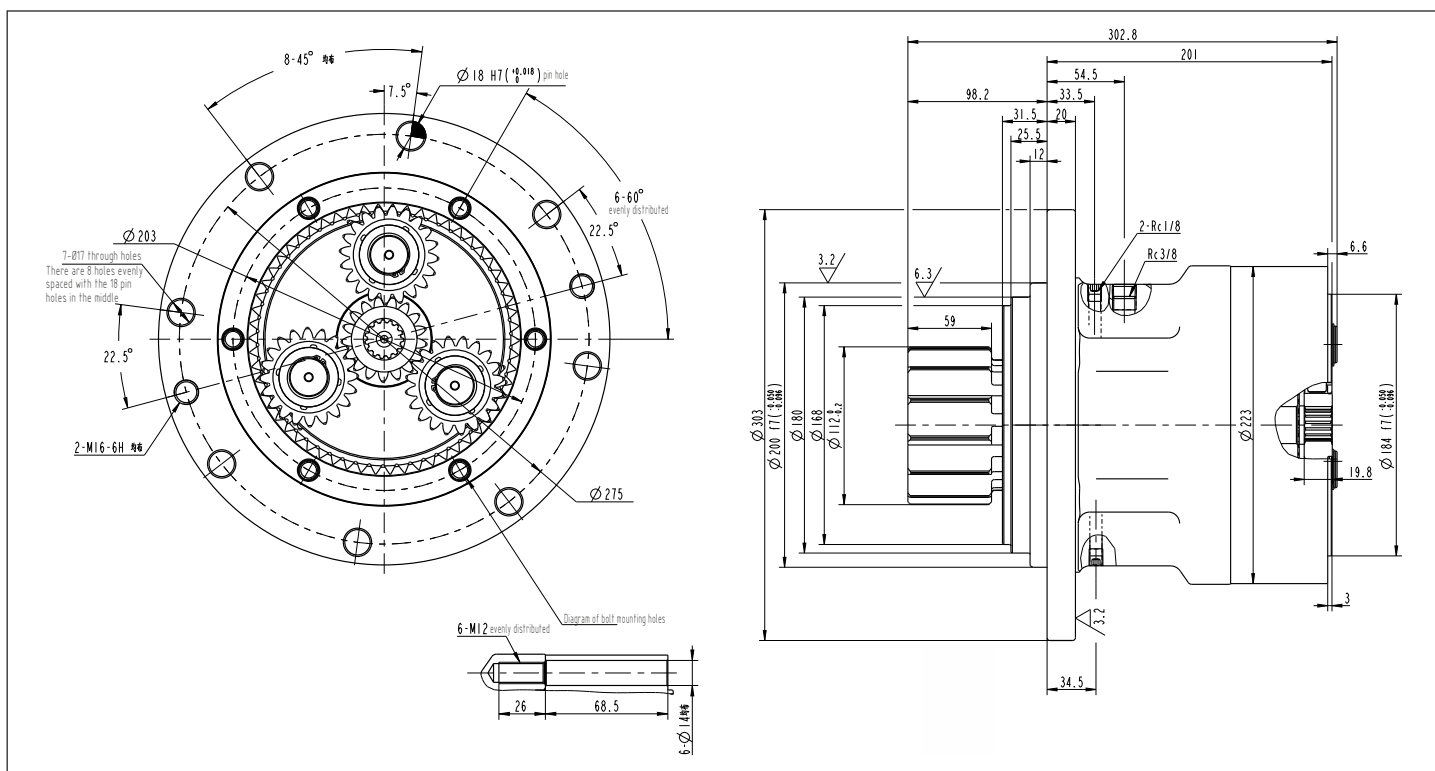
## SG04 reducer SG04A02



### Parameters

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z	M	B				
Ø203	6-M12	Ø275	7-Ø17	13	7	59	51.3	19.464	2238	81.5

### Unit Dimensions







## SG06 reducer SG06A01

### Characteristic

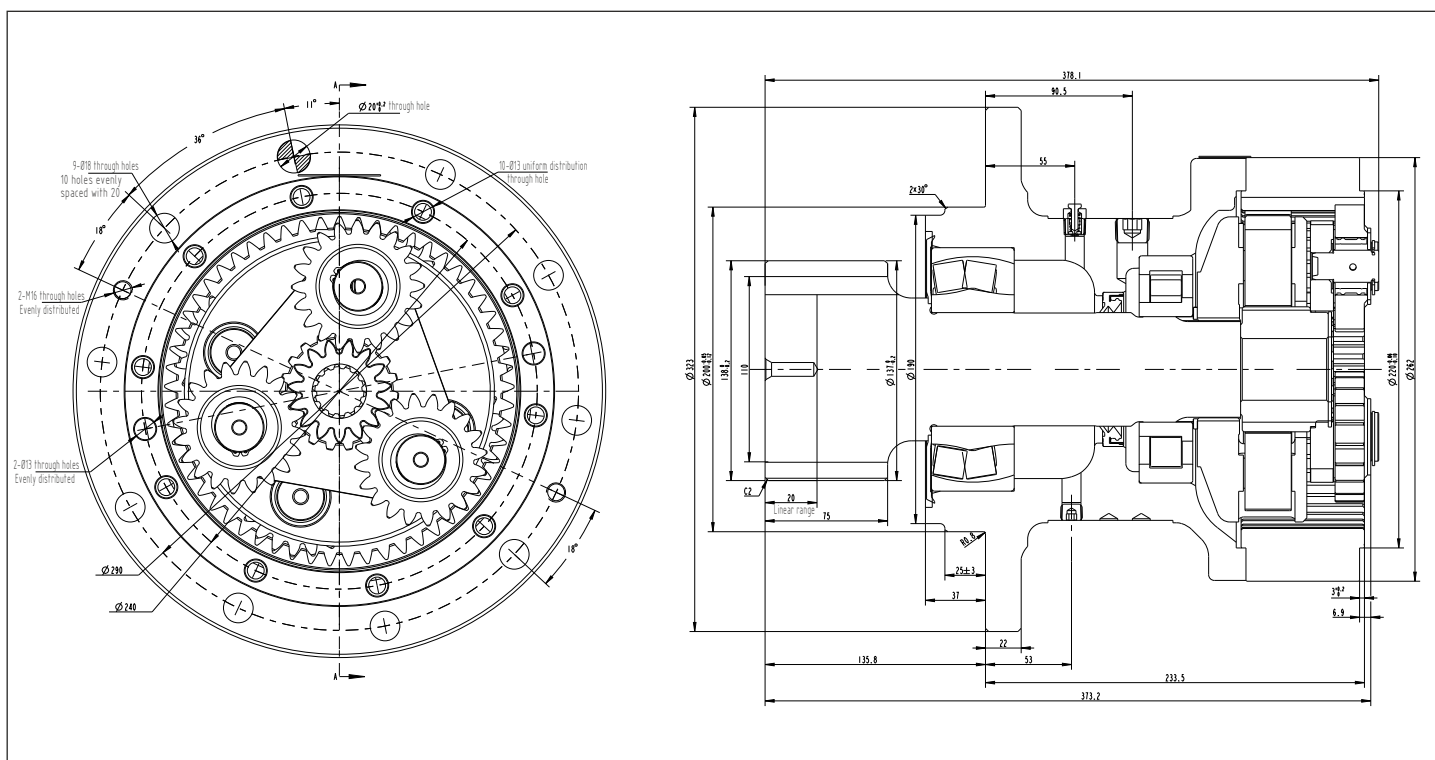
SG06 series reducer is used in 8-ton excavator, using two-stage planetary deceleration, speed up, with advanced technology, perfect process and high reliable quality assurance, longer service life, higher effect and better stability than similar products.



### Parameters

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Output torque /N.m	Output speed r/min
				Z	M	B				
Ø240	10-M12	Ø290	9-Ø18	11	10	75	76.5	19.2	5400	115

### Unit Dimensions







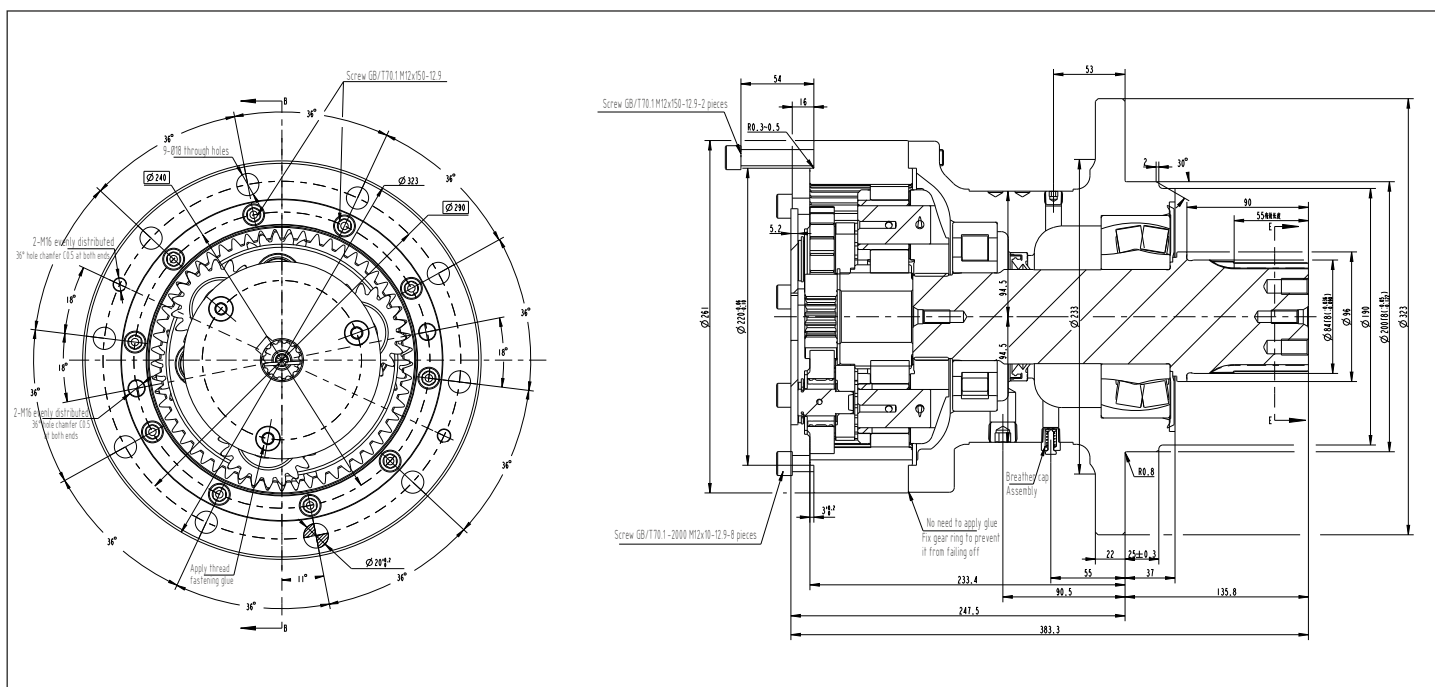
## SG06 reducer SG06A02



### Parameters

Motor mounting hole		Housing mounting hole		Output tooth number	Rectangular spline	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z		B				
Ø240	10-M12	Ø290	9-Ø18	10	72*82*12	55	76.5	19.2	5400	115

### Unit Dimensions







## SG11 reducer SG11A05/SG11A06

### Characteristic

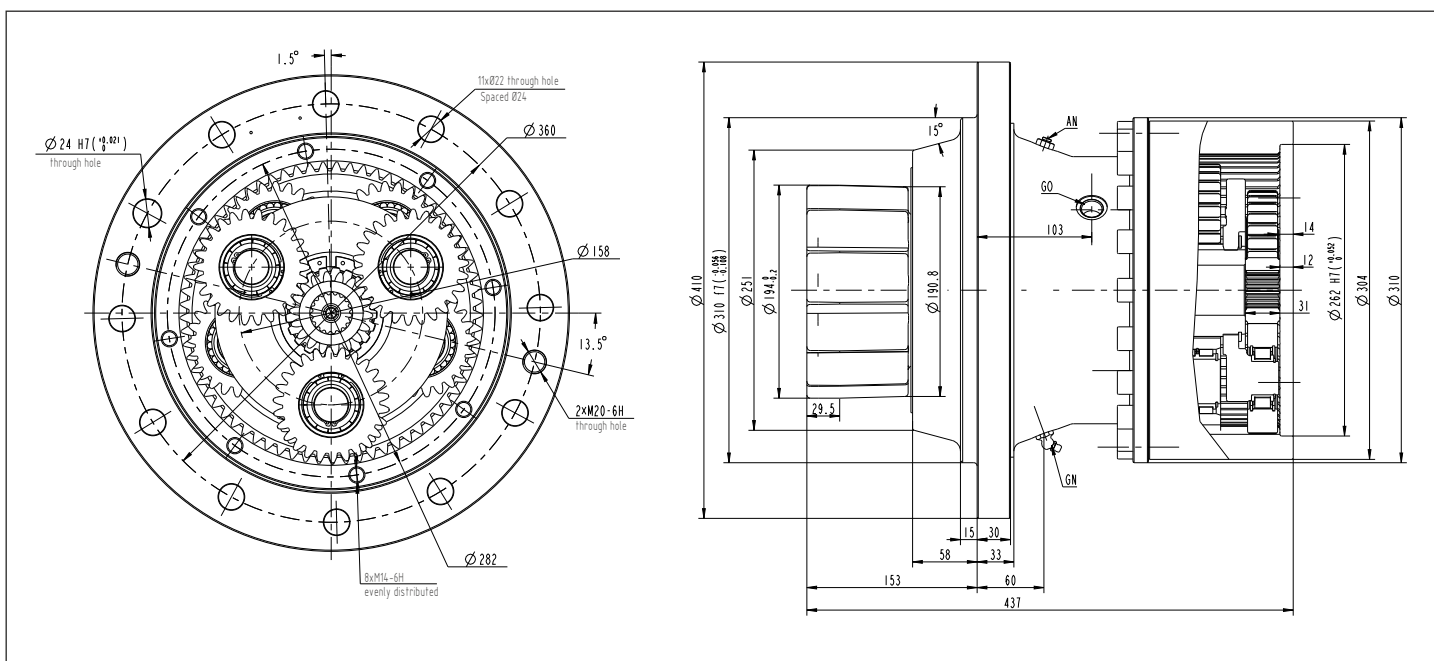
SG11 series reducer is used in 20-21 ton excavator, using two-stage planetary deceleration, speed up, with advanced technology, perfect process and high reliable quality assurance, longer service life, higher effect and better stability than similar products.



### Parameters

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Output torque /N.m	Output speed r/min
				Z	M	B				
Ø282	8-M14	Ø360	11-Ø22	13	12	91	144.47	20.7	10825	82.2
Ø224	4-M16	Ø360	11-Ø22	13	12	88	154.42	20.7	12482	89

### Unit Dimensions





The image displays three views of a planetary gearbox. The left view is a front view showing a cylindrical housing with a flange and a central output shaft with multiple parallel teeth. The middle view is an exploded view showing the housing, a central shaft with a pinion, and a planetary carrier with four planet gears. The right view is a top-down view of the internal gear assembly, showing the central pinion meshing with four planet gears, which are in turn meshing with a fixed outer ring gear.

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z	M	B				
Ø224	4-M16	Ø360	10-Ø22	13	12	94	154.25	20.7	11613	78.70
Ø224	4-M16	Ø360	10-Ø22	13	12	94	155.72	20.7	11532	81.40

[illegible]



### Characteristic

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z	M	B				
Ø224	4-M16	Ø400	12-Ø22	15	12	104	224	20.04	14100	90
Ø224	4-M16	Ø400	11-Ø22	11	16	100.5	224	20.04	14100	90

[illegible]



The image displays three views of a mechanical component, likely a pump or motor housing, rendered in a metallic finish. The leftmost view is a front view showing a cylindrical body with a flange at the top and a series of vertical fins at the bottom. The middle view is a side view, showing the component's profile and a series of horizontal fins on the right side. The rightmost view is a top-down view, revealing a central circular opening with a gear-like internal structure and a square flange with four mounting holes.

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z	M	B				
Ø224	4-M16	Ø400	13-Ø22	15	12	104	224.81	20.04	14100	90
Ø224	4-M16	Ø400	11-Ø22	11	16	100.5	224	20.04	14100	90

[illegible]



### Characteristic

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z	M	B				
Ø224	4-M16	Ø400	15-Ø22	12	14	100	245.456	20.01	16000	67.4





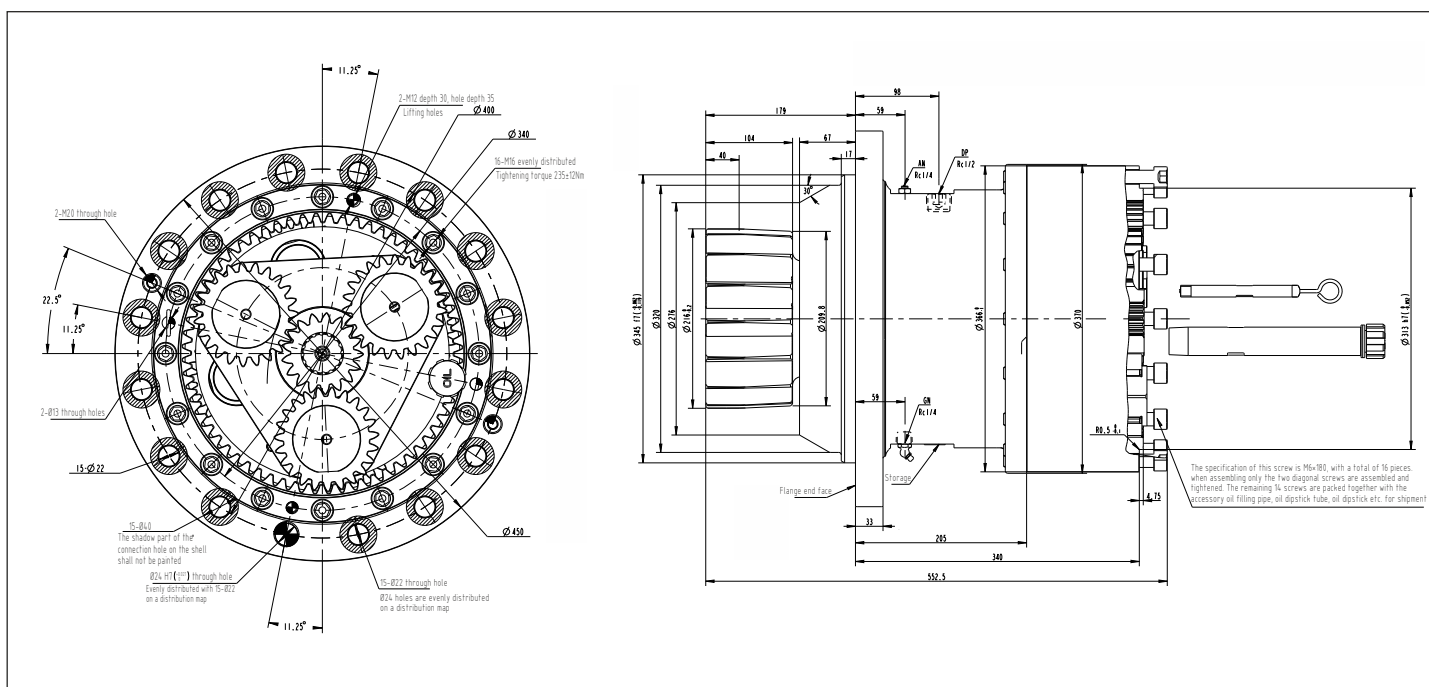
## SG16 reducer SG16EA03



### Parameters

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z	M	B				
Φ340	16-M16	Φ400	15-Φ22	15	12	104	232.309	20.01	16500	67.4

### Unit Dimensions





## The image displays three views of a complex mechanical component, likely a high-pressure cell or a specialized bearing assembly. The leftmost view is a side profile showing a cylindrical body with a flange at the base and a series of vertical fins or teeth. The middle view is a perspective view of the same component, showing its three-dimensional structure. The rightmost view is a top-down or cross-sectional view, revealing a central circular opening surrounded by a complex, multi-lobed internal structure and a flange with several mounting points.

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z	M	B				
Ø224	4-M16	Ø484	14-Ø25	11	16	120	338.87	25.2	20700	67

[illegible]



### Characteristic

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z	M	B				
Ø224	4-M16	Ø484	14-Ø25	14	14	110	338.734	25.2	20700	67

[illegible]







### Characteristic

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z	M	B				
Ø224	4-M16	Ø484	17-Ø25	14	14	110	342	25.2	23100	67

[illegible]



SG27 series reducer is used in 40-50 ton excavator, using two-stage planetary deceleration, speed up, with advanced technology, perfect process and high reliable quality assurance, longer service life, higher effect and better stability than similar products.



Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z	M	B				
Ø198×198	4-M16	Ø520	16-Ø25	13	16	125	548	21.78	23500	46.6

[illegible]



The image displays three views of a mechanical component, likely a pump or motor assembly. The left view shows the front of the component, featuring a cylindrical body with a flange at the base and a small protrusion on top. The middle view shows the side of the component, highlighting the cylindrical body and the flange. The right view shows the top of the component, revealing a circular opening with a gear-like structure inside and a flange with multiple bolts.

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z	M	B				
Ø198×198	4-M16	Ø520	16-Ø25	14	16	125	463.35	21.78	27000	69.8

[illegible]



The image displays three views of a mechanical component, likely a valve or actuator. The left view is a front elevation showing a cylindrical body with a flange at the bottom and two vertical rods extending from the top. The middle view is an isometric perspective showing the component's three-dimensional structure, including the flange and the internal mechanism. The right view is a top-down plan view showing the circular flange with a central square opening and a small orange indicator on the right side.

Motor mounting hole		Housing mounting hole		Output tooth number	Output tooth module	Output tooth width	Weight /kg	Reduction ratio	Rated torque /N.m	Output speed r/min
				Z	M	B				
Ø198×198	4-M16	Ø520	19-Ø25	12	18	149	464.08	25.2	27000	60.3

[illegible]





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