



Professional Linear Motion Solutions Provider



SJV Series Spiral Bevel Gearbox

Selection  
Guidance

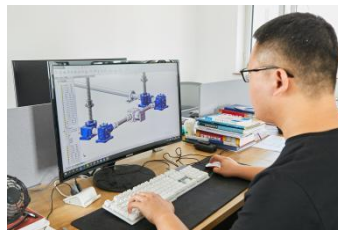


## Company Profile

SIJIE is the leading developer and manufacturer of premium, high precision linear motion products in China. Established in 2008, we specialize in screw jack systems, bevel gearboxes and electro-mechanical actuation, lifting and positioning. Our engineers expertly develop bespoke solutions with both flexibility and innovation in mind, enabling us to provide products for the most challenging applications.

Our state-of-the-art factory, boasting 9500m<sup>2</sup> of floor space, is equipped with a series of advanced processing machines allowing our engineers to develop solutions for both small businesses and multinational organisations. SIJIE'S efficient, skilled team offer technical guidance and quality support, guaranteeing our customers' vision is always achieved.

Our mission is simple. To provide high-quality linear motion products, while consistently offering an unmatched customer service to always exceed customer expectations.





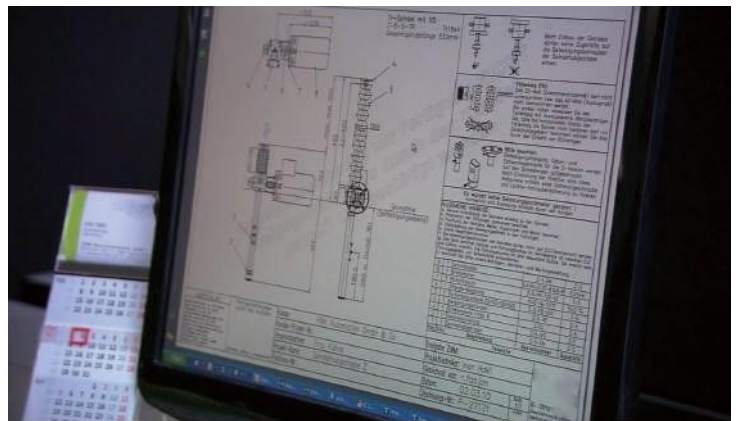
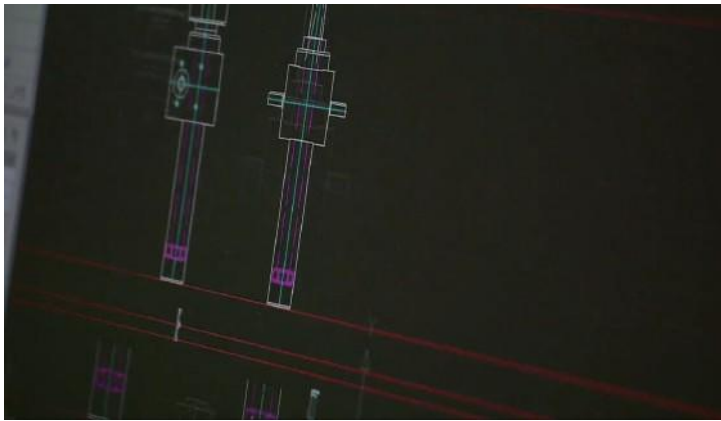
# Creating the high-quality product

## Focus on details

SIJIE designs spiral bevel gearbox which provides rugged, reliable and high performance.

Our engineers expertly develop bespoke solutions with both flexibility and innovation in mind, enabling us to provide products for the most challenging applications.

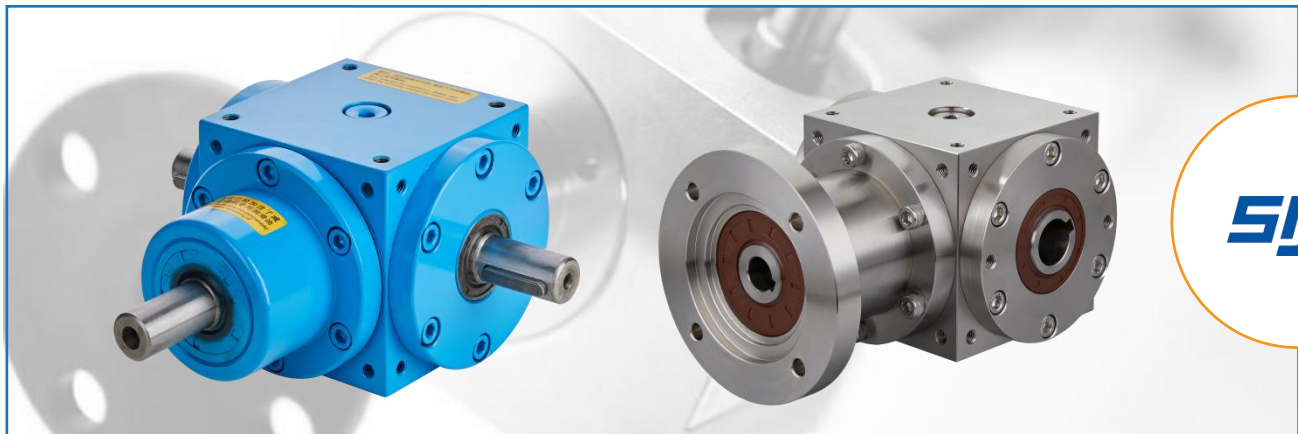
SIJIE offers the perfect balance of service, cost, performance and quality.



## Product Introduction

### Description

SIJIE SJV series spiral bevel gearboxes are offered in 8 types of housing sizes and 6 types of gear ratios, which can be constructed with lots of shaft configurations and oriented in any direction to easily integrate into your machine design. All the shaft configurations are suitable for Casting iron, stainless steel, and aluminum version bevel gearboxes.



### Key Features

**Low Backlash:** Hardened and lapped matched set gearing provides smooth, reliable, and predictable rotary motion.

**Flexible Mounting:** This stainless steel right-angle gearbox has machined housing and tapped holes allow mounting on all six sides.

**Machined Flanges:** Provides alignment for perfect shaft centering. Alloy steel input shafts.

**Bearing Options:** Ball bearings for quiet operation, tapered bearings for higher radial load capacity.

**Special Designs:** Standard models can be modified for maximum design versatility, OEM/ODM dimensions are available.

**Gear Ratio:** 1:1, 2:1, 3:1, 4:1, 5:1. 98% efficiency. Torque capacity up to 1299Nm.

**Oil Seal Option:** Double Lip, UV-protected oil seal to prevent external contamination.

**Speed Options:** Standard not more than 2000rpm, special for 3000-3500rpm.

### Application Range

SIJIE's SJV series bevel gearbox provides rugged, reliable and high performance, offering tailored solutions to all our customers for many industrial applications.

Our bevel gearboxes are widely used for Food Industry, Transportation Industry, Industrial Automation, Energy Industry. We are happy to work with our customers to explore the application of bevel gearboxes in more industries.



## SIJV Series Specifications

| Model   | Input Speed<br>( rpm ) | Gear Ratio 1:1 |         | Gear Ratio 2:1 |         | Gear Ratio 3:1 |         | Gear Ratio 4:1 |         | Gear Ratio 5:1 |         |
|---------|------------------------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|
|         |                        | Power          | Torque  | Power          | Torque  | Power          | Torque  | Power          | Torque  | Power          | Torque  |
|         |                        | ( KW )         | ( N.m ) | ( KW )         | ( N.m ) | ( KW )         | ( N.m ) | ( KW )         | ( N.m ) | ( KW )         | ( N.m ) |
| SIJV090 | 2000                   | 7.55           | 33.6    | 4.2            | 38.57   | 2.85           | 40.39   | 2.15           | 39.76   | 1.4            | 34.56   |
|         | 1500                   | 6              | 38.2    | 3.35           | 42.66   | 2.2            | 42.02   | 1.65           | 42.02   | 1.1            | 35.02   |
|         | 1000                   | 4.3            | 41.07   | 2.35           | 44.89   | 1.5            | 43.02   | 1.15           | 43.93   | 0.75           | 35.81   |
|         | 750                    | 3.4            | 43.29   | 1.8            | 45.84   | 1.2            | 45.84   | 0.87           | 44.19   | 0.58           | 36.93   |
| SIJV110 | 2000                   | 13.8           | 63      | 7.9            | 72      | 5.6            | 80      | 3.75           | 70.1    | 2.95           | 71.3    |
|         | 1500                   | 11             | 70      | 6.3            | 80.2    | 4.45           | 85      | 2.9            | 73.9    | 2.35           | 74.8    |
|         | 1000                   | 7.87           | 75      | 4.45           | 85      | 3.1            | 88.8    | 2              | 76.4    | 1.6            | 76.4    |
|         | 750                    | 6.15           | 78.3    | 3.45           | 87.9    | 2.4            | 91.7    | 1.55           | 78.9    | 1.25           | 79.6    |
| SIJV140 | 2000                   | 29.9           | 128.6   | 14.1           | 133.3   | 10.1           | 136.8   | 6.8            | 125.3   | 5.05           | 115.2   |
|         | 1500                   | 23.9           | 152.2   | 11.1           | 141.3   | 7.95           | 151.8   | 5.3            | 135     | 3.95           | 125.7   |
|         | 1000                   | 17.2           | 164.3   | 7.85           | 149.9   | 5.6            | 160.4   | 3.75           | 143.3   | 2.75           | 131.3   |
|         | 750                    | 13.4           | 170.6   | 6.2            | 157.9   | 4.4            | 168.1   | 2.95           | 150.3   | 2.1            | 133.7   |
| SIJV170 | 2000                   | 49.2           | 180.1   | 26.2           | 224.7   | 18.2           | 235.2   | 10.5           | 179.5   | 8.05           | 170.9   |
|         | 1500                   | 39.3           | 250.2   | 20.8           | 264.9   | 14.4           | 275     | 8.4            | 213.9   | 6.45           | 205.3   |
|         | 1000                   | 28.8           | 275     | 14.9           | 284.6   | 10.1           | 289.4   | 5.9            | 225.4   | 4.5            | 214.9   |
|         | 750                    | 22.8           | 290.3   | 11.6           | 295.4   | 7.8            | 298     | 4.55           | 231.7   | 3.45           | 219.7   |
| SIJV210 | 2000                   | 84             | 336.7   | 52.4           | 480.2   | 34.9           | 428.3   | 23.3           | 417.6   | 15.9           | 350.2   |
|         | 1500                   | 67.5           | 429.8   | 43.2           | 550.1   | 27.7           | 529.1   | 18.5           | 471.1   | 12.7           | 404.3   |
|         | 1000                   | 50.5           | 482.3   | 31.4           | 599.7   | 20             | 573     | 13.4           | 511.9   | 9              | 429.8   |
|         | 750                    | 40.8           | 519.5   | 25.2           | 641.8   | 15.7           | 599.7   | 10.4           | 529.7   | 6.95           | 442.5   |
| SIJV240 | 2000                   | 111            | 475.8   | 71.5           | 643.7   | 52.4           | 695.2   | 37.7           | 652.3   | 28.9           | 643.8   |
|         | 1500                   | 90.5           | 576.2   | 58.5           | 744.9   | 41.9           | 800.3   | 30.2           | 769.1   | 23.4           | 744.9   |
|         | 1000                   | 68             | 649.4   | 41.9           | 800.3   | 30.2           | 865.2   | 21.7           | 828.9   | 16.4           | 783.1   |
|         | 750                    | 54.5           | 694     | 33.8           | 860.8   | 23.6           | 901.5   | 17.1           | 871     | 13             | 827.7   |
| SIJV280 | 2000                   | 168            | 837.5   | 107            | 961.4   | 73             | 957     | 47.6           | 870.4   | 39.4           | 890.5   |
|         | 1500                   | 156            | 993.2   | 88             | 1121    | 58.5           | 1117    | 38.5           | 980.5   | 31.4           | 999.6   |
|         | 1000                   | 115            | 1098    | 64.5           | 1232    | 42.4           | 1215    | 27.5           | 1051    | 22.4           | 1070    |
|         | 750                    | 94.2           | 1199    | 51             | 1299    | 33.5           | 1280    | 21.7           | 1105    | 17.7           | 1127    |

**Large Stock for fast delivery**

We have large stock of 1:1 and 2:1 gears which can ship out in 5-7 working days.

Please check the delivery time when you order 3:1, 4:1, 5:1 gearbox.

## SIJIE SJV Series Spiral Bevel Gearboxes Configuration



- Single output shaft  
Ratios from 1:1 to 5:1  
Frame sizes from 65 to 280 mm



- Double output shaft  
Ratios from 1:1 to 5:1  
Frame sizes from 65 to 280 mm



- Four-shaft configuration  
Ratios from 1:1 to 5:1  
Frame sizes from 65 to 280 mm



- Hollow-shaft configuration  
Ratios from 1:1 to 5:1  
Frame sizes from 65 to 280 mm



- Solid Shaft+Motor Flange  
Ratios from 1:1 to 5:1  
Frame sizes from 65 to 280 mm



- Hollow Shaft+Motor Flange  
Ratios from 1:1 to 5:1  
Frame sizes from 65 to 280 mm



Product selection mark

## Ordering information

**SJV090 – 1:1 – 1500R – 1500R – M1/I-LR – A**  
**1                      2                      3                      4                      5                      6**

1: Gearbox model( SJV090, SJV110, SJV140, SJV170, SJV210, SJV240, SJV28)

Before selecting SJV gearbox model, please check above SJV Series Bevel Gearbox Specifications.



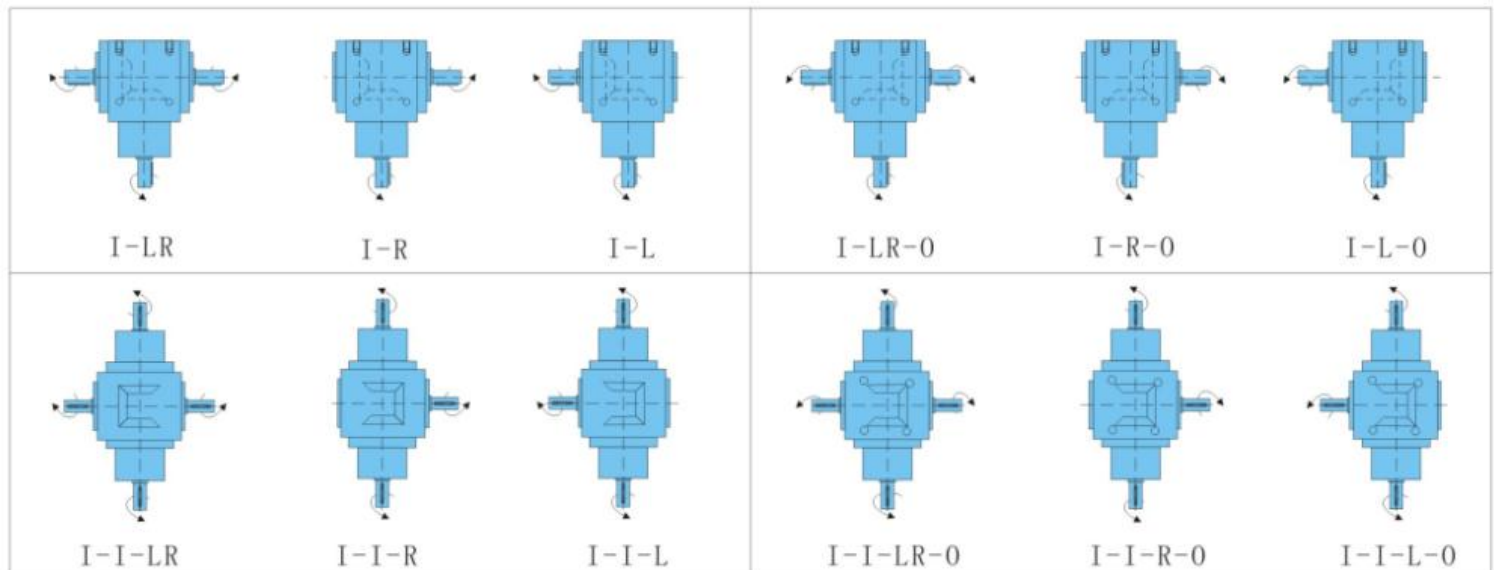
## 2: Gear Ratio

Gear ratios such as 1:1, 1.5:1, 2:1, 3:1, 4:1, 5:1, custom other gear ratios.

## 3 & 4: Input & Output RPM

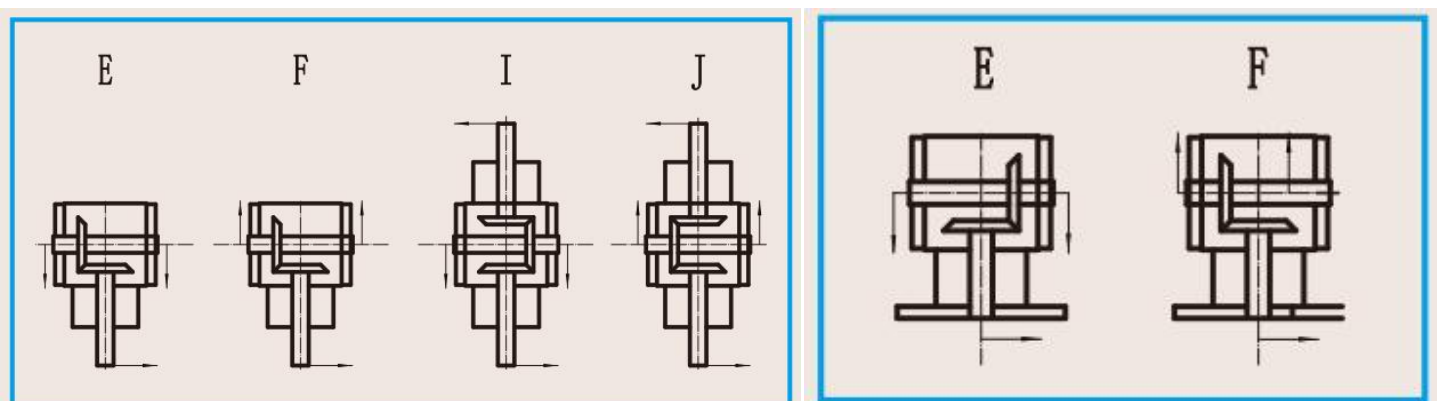
## 5: Rotate Directions:

Solid Shafts Type: M1

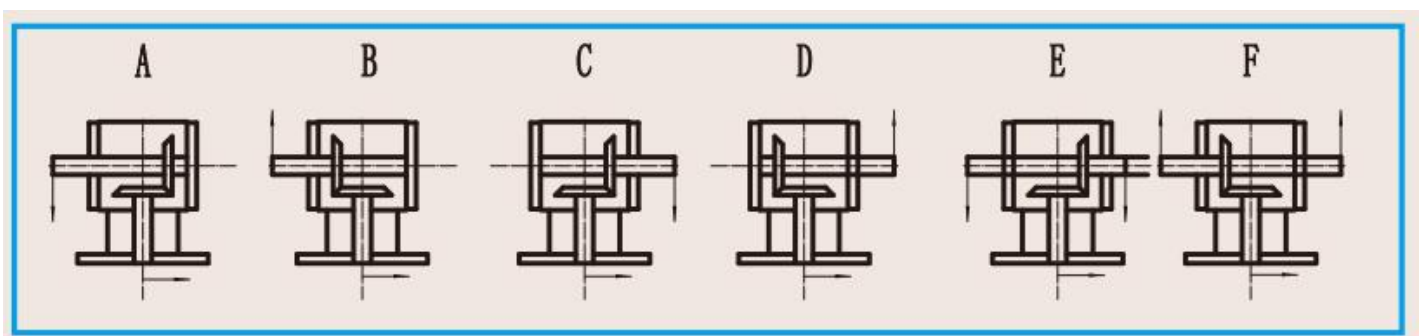


Solid Shaft Input, hollow output: M2

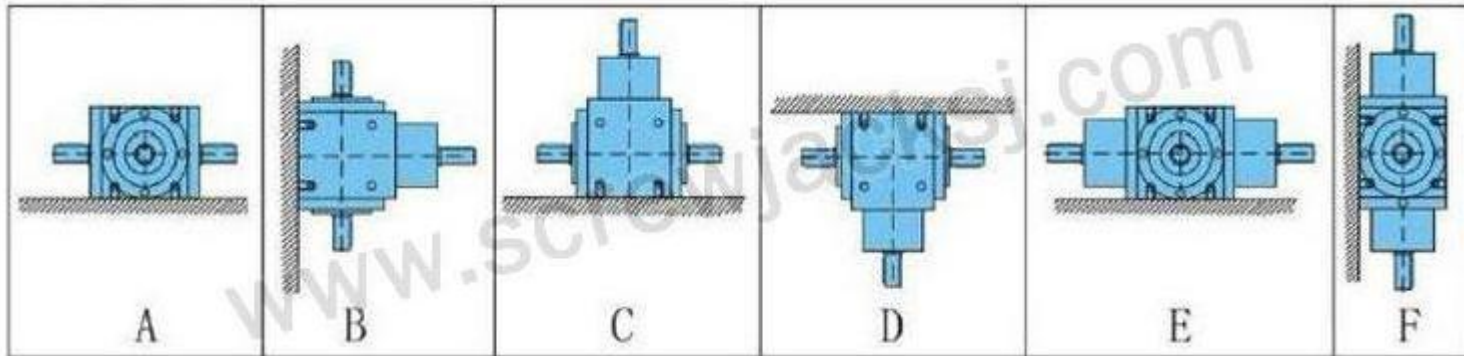
Motor flange Input, hollow output: M4



Motor flange Input, solid output: M4



## 6: Gearbox Installation:



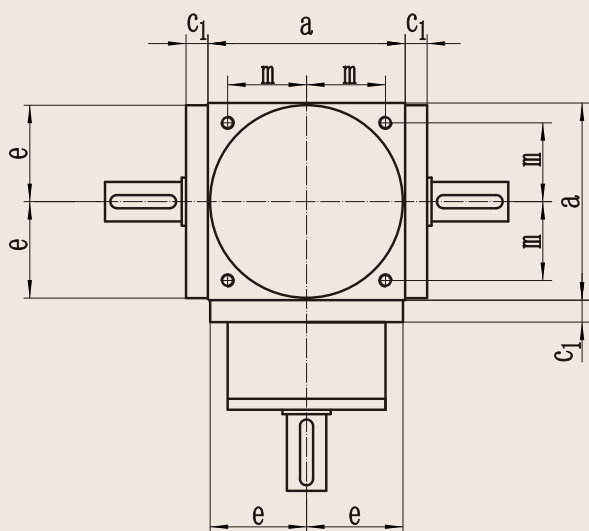
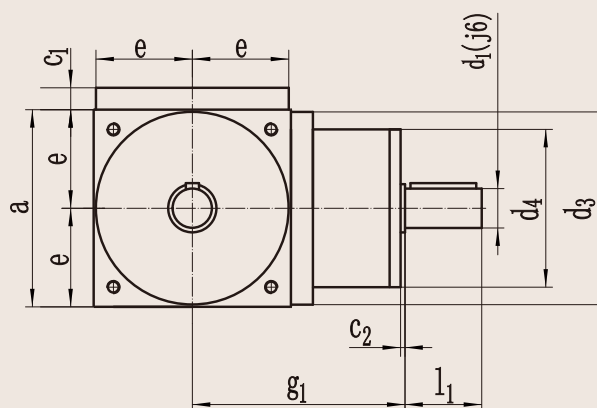
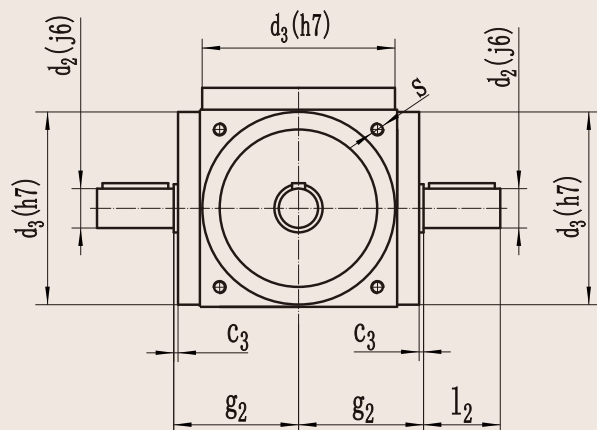
## Why SIJIE cubic spiral bevel gearbox?

- 1: High-quality, low Backlash, quiet noise, smooth running, high torque bevel gearbox professional manufacturer since 2008.
- 2: The wide range of bevel gearbox product lines can meet the application needs of customers to the greatest extent.  
Gearbox housing size is from 065 to 280. Casting iron, stainless steel, and aluminum version gearboxes can be manufactured according to customers' requirements.
- 3: Strict quality control has been from the beginning to end at SIJIE. All the cubic bevel gearboxes will be tested in our factory according to the more than 30 items checking list before shipping.
- 4: SIJIE cubic type bevel gearbox has 13 months warranty period, during the warranty period, any problem with "SIJIE" products, after we confirmed, we will guide the customer to fix or ship a new one to replace it in 1-3 working days.
- 5: SIJIE kept a large inventory of cubic spiral bevel gearbox parts to make sure all the standard orders can be shipped in 7 working days.
- 6: Our Experienced Engineer Team can design the bevel gearbox drawings to fit all your demands in 2 hours. Small-quantity OEM/ODM orders also can be accepted by SIJIE.

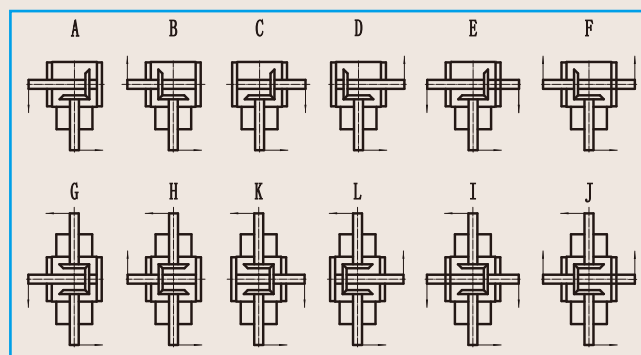




## SJV090- SJV280 (i=1~5) Solid Shafts Type

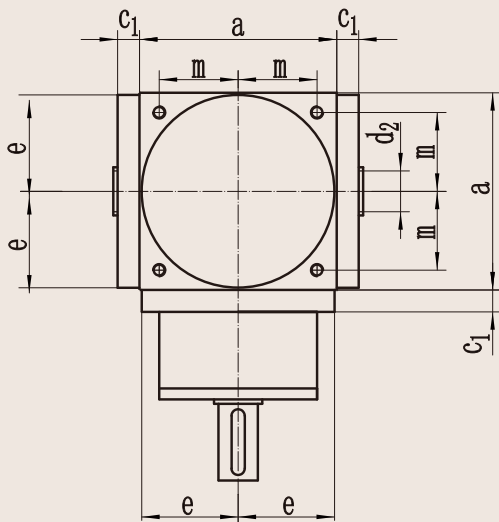
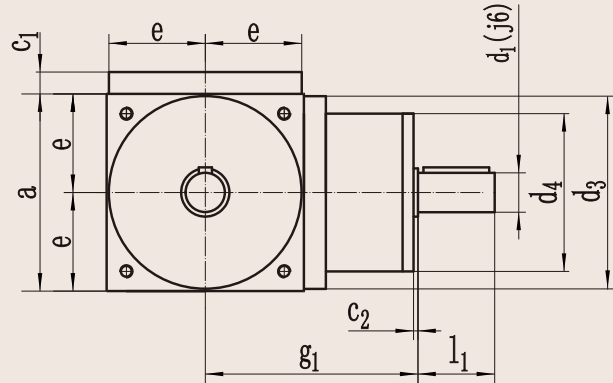
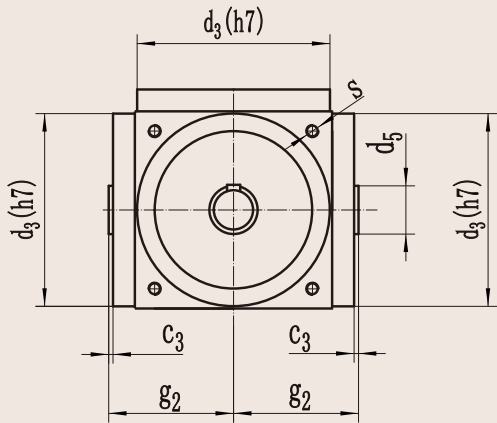


Assembly forms

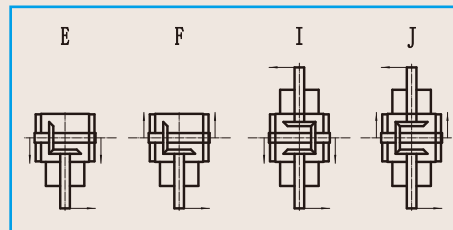


| Model |     |    |    |    |    |     |     |     |     |     |     |     | i=1 |     | i=1.5 |     | i=2 |     | i=3 |    | i=4 |    | i=5 |    | i=1~3 |     | i=4~5 |     | Weight |    | Oil |   |
|-------|-----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|----|-----|----|-----|----|-------|-----|-------|-----|--------|----|-----|---|
|       | a   | c1 | c2 | c3 | d2 | l2  | d3  | e   | g1  | g2  | m   | s   | d1  |     | l1    |     | d1  |     | l1  |    | d1  |    | l1  |    | d1    |     | l1    |     | d4     | d4 | Kg  | L |
|       |     |    |    |    |    |     |     |     |     |     |     |     | d1  | l1  | d1    | l1  | d1  | l1  | d1  | l1 | d1  | l1 | d1  | l1 | d1    | l1  |       |     |        |    |     |   |
| 09    | 90  | 12 | 2  | 2  | 18 | 35  | 88  | 45  | 97  | 59  | 36  | M6  | 18  | 35  | 18    | 35  | 18  | 35  | 16  | 30 | 11  | 23 | 11  | 23 | 72    | 62  | 6     | 0.2 |        |    |     |   |
| 11    | 110 | 12 | 2  | 2  | 22 | 40  | 108 | 55  | 112 | 69  | 44  | M8  | 22  | 40  | 22    | 40  | 22  | 40  | 20  | 35 | 16  | 30 | 14  | 25 | 81    | 72  | 10    | 0.3 |        |    |     |   |
| 14    | 140 | 12 | 2  | 2  | 32 | 50  | 135 | 70  | 132 | 84  | 55  | M10 | 32  | 50  | 32    | 50  | 32  | 50  | 26  | 45 | 20  | 35 | 16  | 30 | 98    | 81  | 20    | 0.4 |        |    |     |   |
| 17    | 170 | 15 | 2  | 3  | 40 | 60  | 165 | 85  | 158 | 103 | 67  | M12 | 40  | 60  | 40    | 60  | 40  | 60  | 32  | 50 | 26  | 45 | 22  | 40 | 118   | 98  | 32    | 1   |        |    |     |   |
| 21    | 210 | 18 | 2  | 2  | 45 | 70  | 205 | 105 | 195 | 125 | 85  | M16 | 45  | 70  | 45    | 70  | 45  | 70  | 38  | 55 | 32  | 50 | 30  | 50 | 128   | 110 | 60    | 2   |        |    |     |   |
| 24    | 240 | 18 | 2  | 2  | 55 | 85  | 235 | 120 | 220 | 140 | 95  | M16 | 55  | 85  | 55    | 85  | 55  | 85  | 45  | 70 | 38  | 55 | 35  | 55 | 138   | 120 | 75    | 2.5 |        |    |     |   |
| 28    | 280 | 18 | 2  | 2  | 60 | 110 | 275 | 140 | 255 | 160 | 100 | M16 | 60  | 110 | 60    | 110 | 60  | 110 | 50  | 80 | 45  | 70 | 42  | 70 | 150   | 135 | 115   | 3   |        |    |     |   |

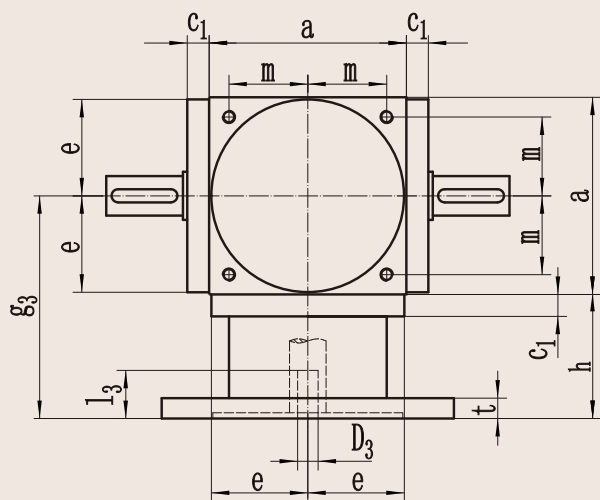
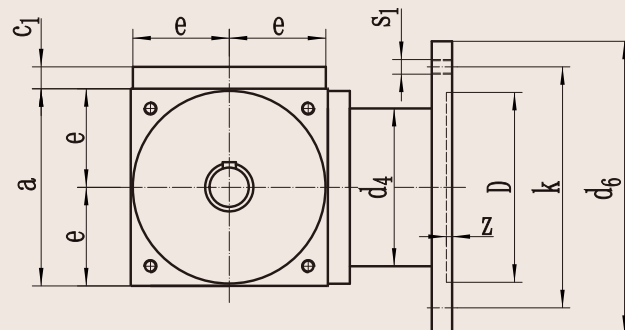
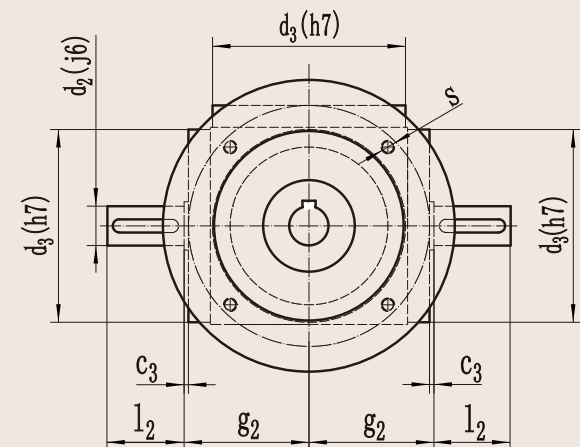
**SJV090-SJV280(i=1~5)Input Solid + Output Hollow**



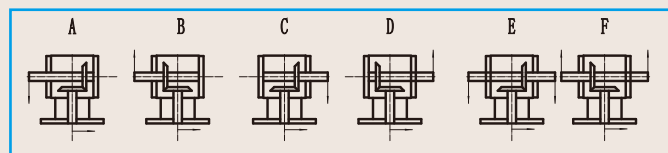
Assembly forms



| Model | a   | c1 | c2 | c3 | d2 | d5 | d3  | e   | g1  | g2  | m   | s   | i=1~2 |     | i=3 |    | i=4 |    | i=5 |    | i=1~3 |     | i=4~5 |     | Weight | Oil |
|-------|-----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-------|-----|-----|----|-----|----|-----|----|-------|-----|-------|-----|--------|-----|
|       |     |    |    |    |    |    |     |     |     |     |     |     | d1    | l1  | d1  | l1 | d1  | l1 | d1  | l1 | d4    | d4  | Kg    | L   |        |     |
| 09    | 90  | 12 | 2  | 2  | 18 | 25 | 88  | 45  | 97  | 59  | 36  | M6  | 18    | 35  | 16  | 30 | 11  | 23 | 11  | 23 | 72    | 36  | 6     | 0.2 |        |     |
| 11    | 110 | 12 | 2  | 2  | 22 | 35 | 108 | 55  | 112 | 69  | 44  | M8  | 22    | 40  | 20  | 35 | 16  | 30 | 14  | 30 | 81    | 72  | 10    | 0.3 |        |     |
| 14    | 140 | 12 | 2  | 2  | 28 | 45 | 135 | 70  | 132 | 84  | 55  | M10 | 32    | 50  | 26  | 45 | 20  | 35 | 16  | 35 | 98    | 81  | 20    | 0.4 |        |     |
| 17    | 170 | 15 | 2  | 3  | 38 | 55 | 165 | 85  | 165 | 103 | 67  | M12 | 40    | 60  | 32  | 50 | 26  | 45 | 22  | 45 | 118   | 98  | 32    | 1   |        |     |
| 21    | 210 | 18 | 2  | 2  | 45 | 65 | 205 | 105 | 205 | 125 | 85  | M16 | 45    | 70  | 38  | 55 | 32  | 50 | 30  | 50 | 128   | 110 | 60    | 2   |        |     |
| 24    | 240 | 18 | 2  | 2  | 55 | 75 | 235 | 120 | 235 | 140 | 95  | M16 | 55    | 85  | 45  | 70 | 38  | 55 | 35  | 55 | 138   | 120 | 75    | 2.5 |        |     |
| 28    | 280 | 18 | 2  | 2  | 60 | 85 | 275 | 140 | 275 | 160 | 100 | M16 | 60    | 110 | 50  | 80 | 45  | 70 | 42  | 70 | 150   | 135 | 115   | 3   |        |     |

**SJV090-SJV280 (i=1~5) Input Motor Flange+Output Solid Shafts**


Assembly forms



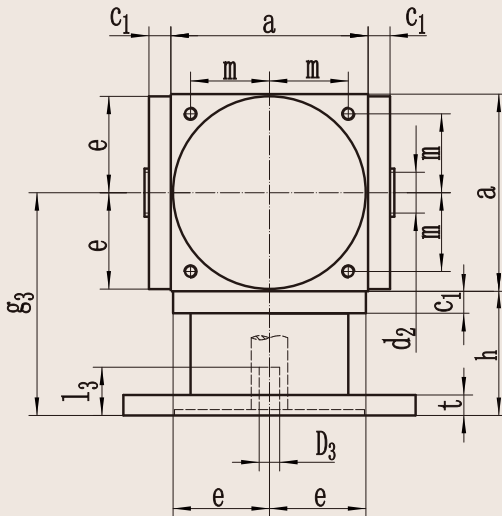
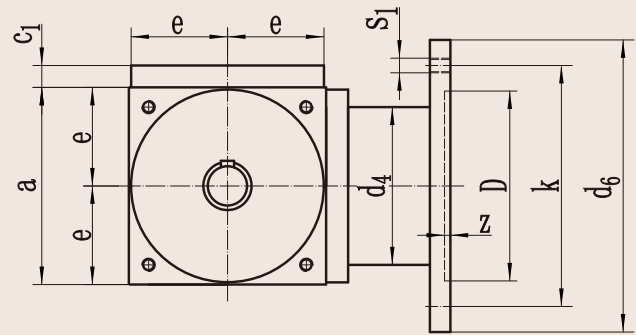
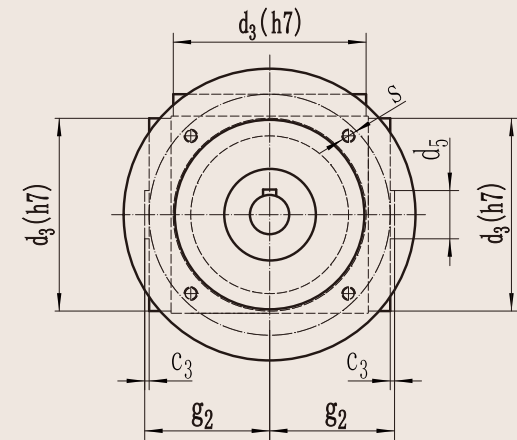
| Model | a   | c1 | c3 | d3  | d4  | d2 | l2  | i=1~2  |        |        |        | i=3~5  |        |        |       |
|-------|-----|----|----|-----|-----|----|-----|--------|--------|--------|--------|--------|--------|--------|-------|
|       |     |    |    |     |     |    |     | D3×I3  |        |        |        | D3×I3  |        |        |       |
| 09    | 90  | 12 | 2  | 88  | 86  | 18 | 35  | 19×43  | 14×33  | 11×26  | 9×23   | 19×43  | 14×33  | 11×26  | 9×23  |
| 11    | 110 | 12 | 2  | 108 | 82  | 22 | 40  | 24×53  | 19×43  | 14×33  | 11×26  | 24×53  | 19×43  | 14×33  | 11×26 |
| 14    | 140 | 12 | 2  | 135 | 104 | 32 | 50  | 38×83  | 28×63  | 24×53  | 19×43  | 28×63  | 24×53  | 19×43  | 14×43 |
| 17    | 170 | 15 | 3  | 165 | 128 | 40 | 60  | 42×115 | 38×83  | 28×63  | 24×53  | 38×83  | 28×63  | 24×53  | 19×43 |
| 21    | 210 | 18 | 2  | 205 | 160 | 45 | 70  | 48×115 | 42×115 | 38×83  | 28×63  | 42×115 | 38×83  | 28×63  | 24×53 |
| 24    | 240 | 18 | 2  | 235 | 170 | 55 | 85  | 55×115 | 48×115 | 42×115 | 38×83  | 48×115 | 42×115 | 38×83  | 28×63 |
| 28    | 280 | 18 | 2  | 275 | 190 | 60 | 110 | 60×115 | 55×115 | 48×115 | 42×115 | 55×115 | 48×115 | 42×115 | 38×83 |

| Model | e   | g2  | g3  | h   | m   | s   | i=1~2 |     |     |     | i=3~5 |     |     |     |
|-------|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|       |     |     |     |     |     |     | d6    |     |     |     | d6    |     |     |     |
| 09    | 45  | 59  | 110 | 65  | 36  | M6  | 200   | 160 | 140 | 120 | 200   | 160 | 140 | 120 |
| 11    | 55  | 69  | 130 | 75  | 44  | M8  | 200   | 160 | 140 | 120 | 200   | 160 | 140 | 120 |
| 14    | 70  | 84  | 170 | 100 | 55  | M10 | 300   | 250 | 200 | 160 | 300   | 250 | 200 | 160 |
| 17    | 85  | 103 | 215 | 130 | 67  | M12 | 350   | 300 | 250 | 200 | 350   | 300 | 250 | 200 |
| 21    | 105 | 125 | 245 | 140 | 85  | M16 | 350   | 300 | 250 | —   | 350   | 300 | 250 | 200 |
| 24    | 120 | 140 | 265 | 145 | 95  | M16 | 400   | 350 | 300 | 250 | 400   | 350 | 300 | 250 |
| 28    | 140 | 160 | 315 | 175 | 100 | M16 | 450   | 400 | 350 | 300 | 400   | 350 | 300 | —   |

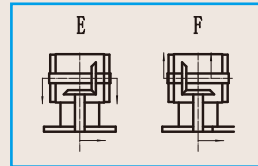
| d6  | D   | k   | s1    | t  | z   |
|-----|-----|-----|-------|----|-----|
| 120 | 80  | 100 | 4×M6  | 11 | 3.5 |
| 140 | 95  | 115 | 4×M8  | 11 | 3.5 |
| 160 | 110 | 130 | 4×M8  | 11 | 4   |
| 200 | 130 | 165 | 4×M10 | 14 | 4   |
| 250 | 180 | 215 | 4×M12 | 16 | 4.5 |
| 300 | 230 | 265 | 4×M12 | 16 | 4.5 |
| 350 | 250 | 300 | 4×M16 | 20 | 6   |
| 400 | 300 | 350 | 4×M16 | 20 | 6   |
| 450 | 350 | 400 | 4×M16 | 25 | 6   |



**SJV090-SJV280 (i=1~5) Input Motor Flange+Output Hollow Shafts**



Assembly forms



| Model | a   | c1 | c3 | d3  | d4  | d2 | l2 | i=1~2  |        |        |        | i=3~5  |        |        |       |
|-------|-----|----|----|-----|-----|----|----|--------|--------|--------|--------|--------|--------|--------|-------|
|       |     |    |    |     |     |    |    | D3×I3  |        |        |        | D3×I3  |        |        |       |
| 09    | 90  | 12 | 2  | 88  | 86  | 16 | 25 | 19×43  | 14×33  | 11×26  | 9×23   | 19×43  | 14×33  | 11×26  | 9×23  |
| 11    | 110 | 12 | 2  | 108 | 82  | 22 | 35 | 24×53  | 19×43  | 14×33  | 11×26  | 24×53  | 19×43  | 14×33  | 11×26 |
| 14    | 140 | 12 | 2  | 135 | 104 | 28 | 45 | 38×83  | 28×63  | 24×53  | 19×43  | 28×63  | 24×53  | 19×43  | 14×43 |
| 17    | 170 | 15 | 3  | 165 | 128 | 38 | 55 | 42×115 | 38×83  | 28×63  | 24×53  | 38×83  | 28×63  | 24×53  | 19×43 |
| 21    | 210 | 18 | 2  | 205 | 160 | 45 | 65 | 48×115 | 42×115 | 38×83  | 28×63  | 42×115 | 38×83  | 28×63  | 24×53 |
| 24    | 240 | 18 | 2  | 235 | 170 | 55 | 75 | 55×115 | 48×115 | 42×115 | 38×83  | 48×115 | 42×115 | 38×83  | 28×63 |
| 28    | 280 | 18 | 2  | 275 | 190 | 60 | 85 | 60×115 | 55×115 | 48×115 | 42×115 | 55×115 | 48×115 | 42×115 | 38×83 |

| Model | e   | g2  | g3  | h   | m   | s   | i=1~2 |     |     |     | i=3~5 |     |     |     |
|-------|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
|       |     |     |     |     |     |     | d6    |     |     |     |       |     |     |     |
| 09    | 45  | 59  | 110 | 65  | 36  | M6  | 200   | 160 | 140 | 120 | 200   | 160 | 140 | 120 |
| 11    | 55  | 69  | 130 | 75  | 44  | M8  | 200   | 160 | 140 | 120 | 200   | 160 | 140 | 120 |
| 14    | 70  | 84  | 170 | 100 | 55  | M10 | 300   | 250 | 200 | 160 | 300   | 250 | 200 | 160 |
| 17    | 85  | 103 | 215 | 130 | 67  | M12 | 350   | 300 | 250 | 200 | 350   | 300 | 250 | 200 |
| 21    | 105 | 125 | 245 | 140 | 85  | M16 | 350   | 300 | 250 | —   | 350   | 300 | 250 | 200 |
| 24    | 120 | 140 | 265 | 145 | 95  | M16 | 400   | 350 | 300 | 250 | 400   | 350 | 300 | 250 |
| 28    | 140 | 160 | 315 | 175 | 100 | M16 | 450   | 400 | 350 | 300 | 400   | 350 | 300 | —   |

| d6  | d   | k   | s1    | t  | z   |
|-----|-----|-----|-------|----|-----|
| 120 | 80  | 100 | 4×M6  | 11 | 3.5 |
| 140 | 95  | 115 | 4×M8  | 11 | 3.5 |
| 160 | 110 | 130 | 4×M8  | 11 | 4   |
| 200 | 130 | 165 | 4×M10 | 14 | 4   |
| 250 | 180 | 215 | 4×M12 | 16 | 4.5 |
| 300 | 230 | 265 | 4×M12 | 16 | 4.5 |
| 350 | 250 | 300 | 4×M16 | 20 | 6   |
| 400 | 300 | 350 | 4×M16 | 20 | 6   |
| 450 | 350 | 400 | 4×M16 | 25 | 6   |