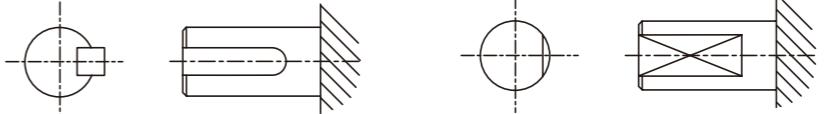


[NOTES]

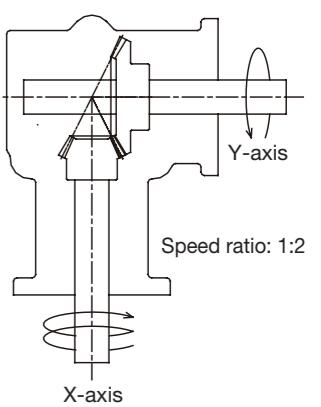
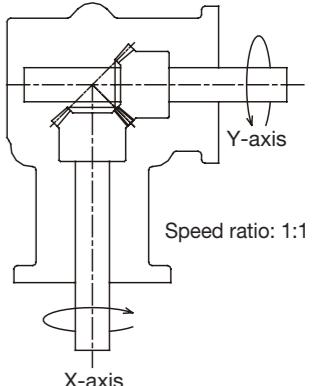
- ① The rotation direction of the arrow does not limit the direction.
Both the forward and reverse rotations are allowed.
- ② The X-axis rotates clockwise and the Y-axis rotates counterclockwise.
- ③ The phases of the X-axis and Y-axis key grooves do not always match.
- ④ The shaft diameter tolerance is JIS h7.
- ⑤ The 1:2 speed ratio type decelerates from the X-axis (input axis) to the Y-axis (output axis).
- ⑥ JIS B 1301-1976 (normal) is used for the key dimensions
- ⑦ The indicated angular backlash is reference values measured on the X-axis (input axis).



Key Detail Diagram

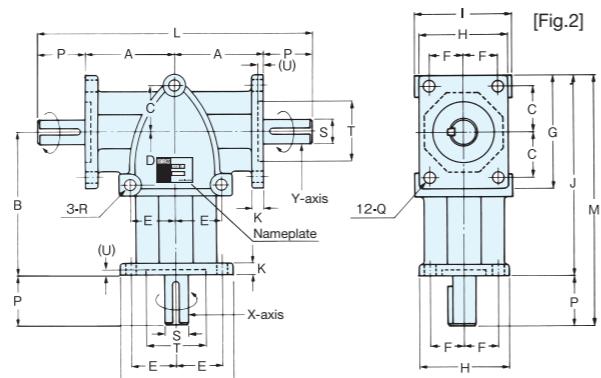
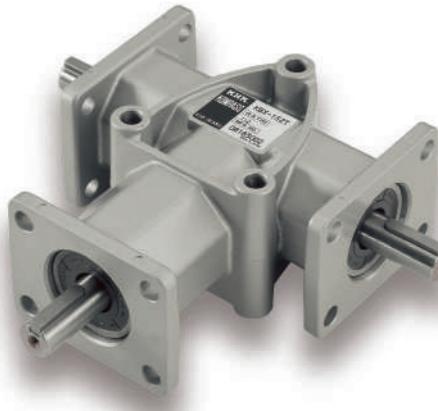
| Catalog Number | Speed ratio | A | B | C | D | E | F | G | H | I | J | K | L | M | P | Q | R | S |
|-----------------|-------------|----|-----|----|----|----|----|----|----|----|-----|----|-----|-----|----|------------|------------|-----------|
| KBX-101L | 1:1 | | | | | | | | | | | | | | | | | |
| KBX-102L | 1:2 | 37 | 58 | 18 | 18 | 18 | 14 | 46 | 38 | 40 | 82 | 5 | 82 | 102 | 20 | $\phi 5.5$ | $\phi 6.5$ | $\phi 10$ |
| KBX-151L | 1:1 | | | | | | | | | | | | | | | | | |
| KBX-152L | 1:2 | 66 | 100 | 31 | 36 | 31 | 22 | 80 | 62 | 66 | 140 | 8 | 137 | 170 | 30 | $\phi 8.5$ | $\phi 8.5$ | $\phi 15$ |
| KBX-201L | 1:1 | | | | | | | | | | | | | | | | | |
| KBX-202L | 1:2 | 80 | 120 | 36 | 36 | 36 | 26 | 92 | 72 | 76 | 166 | 10 | 168 | 206 | 40 | $\phi 8.5$ | $\phi 8.5$ | $\phi 20$ |

| T | (U) | Key | Angular Backlash | Weight (kg) | Catalog Number |
|----------------|-----|------------------------------|------------------|-------------|-----------------|
| $\phi 26_{H7}$ | (2) | Depth 1 x 15 l Horizontal | 16'~44' | 0.40 | KBX-101L |
| | | | 30'~1° 23' | | KBX-102L |
| $\phi 42_{H7}$ | (3) | 5 x 5 x 27 l | 10'~37' | 1.80 | KBX-151L |
| | | | 19'~1° 09' | | KBX-152L |
| $\phi 52_{H7}$ | (4) | 6 x 6 x 35 l | 8'~33' | 3.10 | KBX-201L |
| | | | 15'~60' | | KBX-202L |



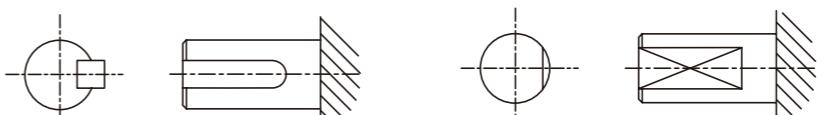
Bevel Gearboxes

KBX T Bevel Gearboxes



[NOTES]

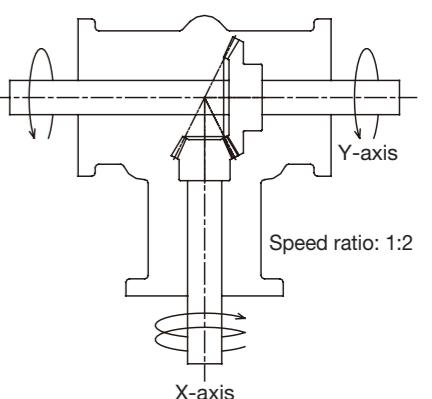
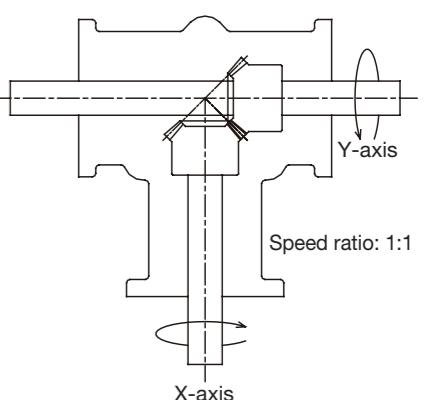
- ① The rotation direction of the arrow does not limit the direction.
Both the forward and reverse rotations are allowed.
- ② The X-axis rotates clockwise and the Y-axis rotates counterclockwise.
- ③ The phases of the X-axis and Y-axis key grooves do not always match.
- ④ The shaft diameter tolerance is JIS h7.
- ⑤ The 1:2 speed ratio type decelerates from the X-axis (input axis) to the Y-axis (output axis).
- ⑥ JIS B 1301-1976 (normal) is used for the key dimensions
- ⑦ The indicated angular backlash is reference values measured on the X-axis (input axis).



Key Detail Diagram

| Catalog Number | Speed ratio | A | B | C | D | E | F | G | H | I | J | K | L | M | P | Q | R | S |
|-----------------|-------------|----|-----|----|----|----|----|----|----|----|-----|----|-----|-----|----|------------|------------|-----------|
| KBX-101T | 1:1 | | | | | | | | | | | | | | | | | |
| KBX-102T | 1:2 | 37 | 58 | 18 | 18 | 18 | 14 | 46 | 38 | 40 | 82 | 5 | 114 | 102 | 20 | $\phi 5.5$ | $\phi 6.5$ | $\phi 10$ |
| KBX-151T | 1:1 | | | | | | | | | | | | | | | | | |
| KBX-152T | 1:2 | 66 | 100 | 31 | 36 | 31 | 22 | 80 | 62 | 66 | 140 | 8 | 192 | 170 | 30 | $\phi 8.5$ | $\phi 8.5$ | $\phi 15$ |
| KBX-201T | 1:1 | | | | | | | | | | | | | | | | | |
| KBX-202T | 1:2 | 80 | 120 | 36 | 36 | 36 | 26 | 92 | 72 | 76 | 166 | 10 | 240 | 206 | 40 | $\phi 8.5$ | $\phi 8.5$ | $\phi 20$ |

| T | (U) | Key | Angular Backlash | Weight (kg) | Catalog Number |
|----------------|-----|------------------------------|------------------|-------------|-----------------|
| $\phi 26_{H7}$ | (2) | Depth 1 x 15 l Horizontal | 16'~44' | 0.50 | KBX-101T |
| | | | 30'~1° 23' | | KBX-102T |
| $\phi 42_{H7}$ | (3) | 5 x 5 x 27 l | 10'~37' | 2.20 | KBX-151T |
| | | | 19'~1° 09' | | KBX-152T |
| $\phi 52_{H7}$ | (4) | 6 x 6 x 35 l | 8'~33' | 3.40 | KBX-201T |
| | | | 15'~60' | | KBX-202T |



Bevel Gearboxes