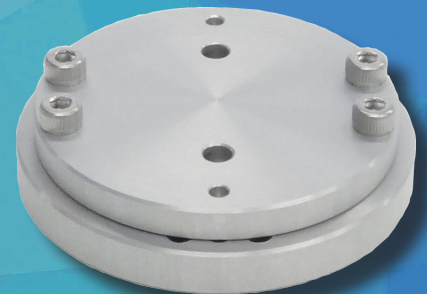
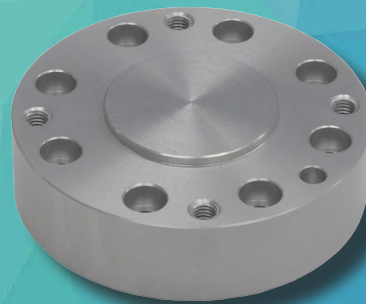


# Robot Joint

## YASKAWA Robot Compatible



- Light weight and compact
- New designs not required
- Quickly connect 5 types of actuators
  - Flat type air hand
  - 3-finger hand
  - Electric hand
  - Compliance light
  - Auto hand changer

# Robot Joint

## YASKAWA Robot Compatible

- Specialized connectors (robot joints) are available for mounting 5 series of Koganei actuators to YASKAWA SCARA robots and vertically articulated robots.
- Man-hours can be greatly reduced from equipment setup by mounting robot joints to YASKAWA robots.

### ●YASKAWA Robots

**YASKAWA**



MOTOMAN SG400 Series

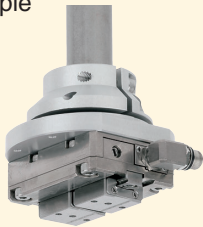


MOTOMAN GP7 Series

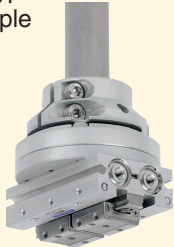


MOTOMAN GP12 Series

### ● Electric hand mounting example



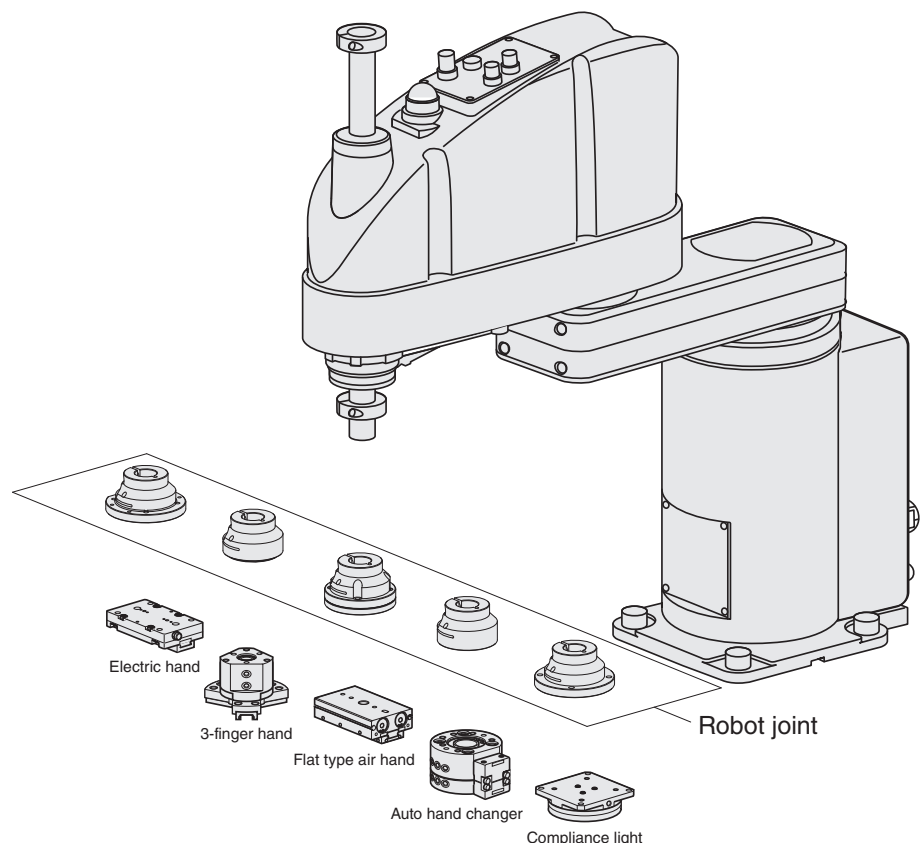
### ● Flat type air hand mounting example



### ● 3 finger hand mounting example

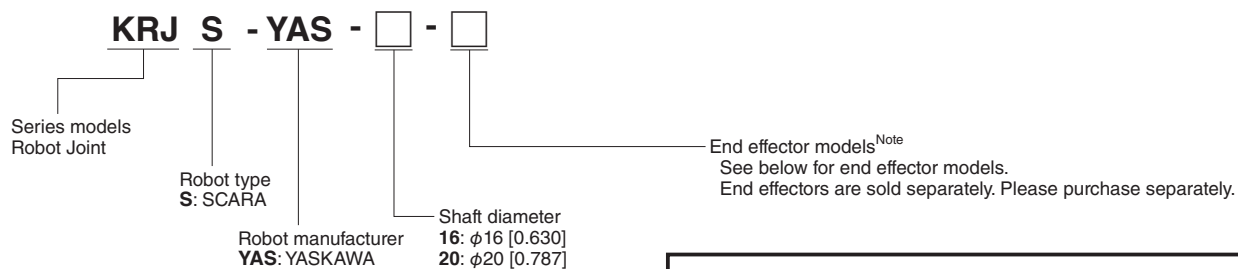


### <SCARA robot system example>



## Order codes

### ● Robot joint models (for SCARA robots)

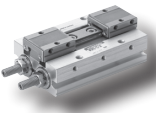
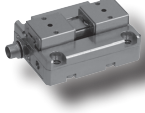
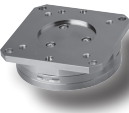
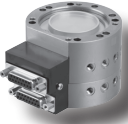


Note: See page ⑤ for combinations of shaft diameters and end effector models.

### ● Compatibility table for shaft diameters and YASKAWA robot models

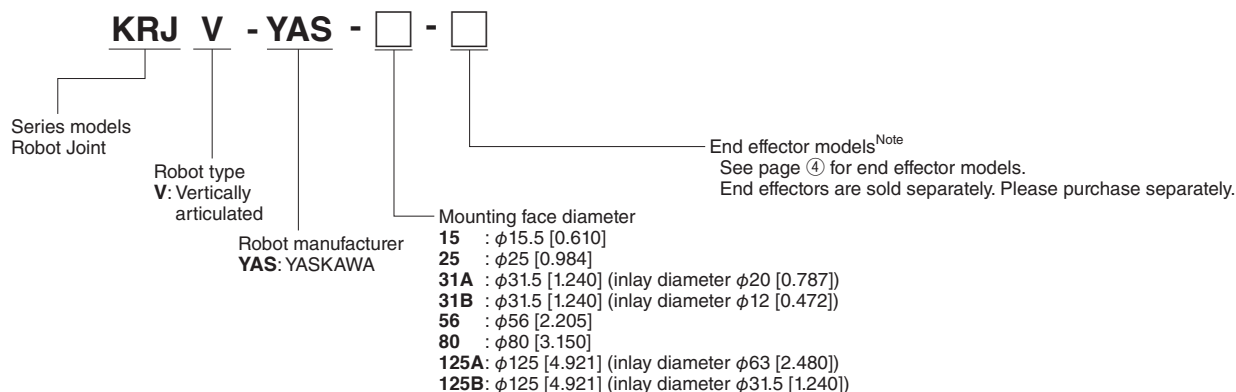
| Shaft diameter (mm [in.]) | Robot model   |
|---------------------------|---------------|
| 16 [0.630]                | MOTOMAN-SG400 |
| 20 [0.787]                | MOTOMAN-SG650 |

### ● End effector models

| Flat type air hand                                                                   | 3 finger hand                                                                      | Electric hand                                                                      |                                                                                    | Compliance light                                                                     | Auto hand changer                                                                    |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|    |  |  |  |  |  |
| AFDPG6<br>AFDPG8<br>AFDPG12<br>AFDPG14<br>AFDPGL6<br>AFDPGL8<br>AFDPGL12<br>AFDPGL14 | NHE1D16<br>NHE1D20<br>NHE1D25                                                      | EWHA6H<br>EWHA12H<br>EWHA24H<br>EWHA36H<br>EWHA12A<br>EWHA24A<br>EWHA36A           | EW2H8<br>EW2H18<br>EW2H28<br>EW2HL8<br>EW2HL18<br>EW2HL28                          | CPL34F<br>CPL54F<br>CPL70F                                                           | MJC3<br>MJC10                                                                        |

Note: The above end effectors (5 series) are sold separately. Please purchase separately.

### ● Robot joint models (for vertically articulated robots)



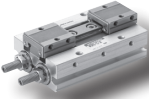
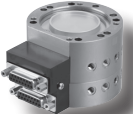
Note: See page ⑥ for combinations of mounting face diameters and end effector models.

### ● Compatibility table for mounting face diameters and YASKAWA robot models

| Mounting face diameter (mm [in.]) | Robot model       |
|-----------------------------------|-------------------|
| <b>15 [0.591]</b>                 | MotoMINI          |
| <b>25 [0.984]</b>                 | MOTOMAN-MHJ       |
| <b>31 [1.220]A</b>                | MOTOMAN-MH3F      |
|                                   | MOTOMAN-MH3BM     |
|                                   | MOTOMAN-MPP3S(H)  |
| <b>31 [1.220]B</b>                | MOTOMAN-GP7       |
|                                   | MOTOMAN-GP8       |
|                                   | MOTOMAN-AR700     |
|                                   | MOTOMAN-AR900     |
| <b>56 [2.205]</b>                 | MOTOMAN-GP12      |
|                                   | MOTOMAN-GP25      |
|                                   | MOTOMAN-AR1440(E) |
|                                   | MOTOMAN-AR1730    |
|                                   | MOTOMAN-AR2010    |
| <b>80 [3.150]</b>                 | MOTOMAN-GP35L     |
|                                   | MOTOMAN-GP50      |
|                                   | MOTOMAN-GP88      |
|                                   | MOTOMAN-MC2000II  |
|                                   | MOTOMAN-MCL50     |
|                                   | MOTOMAN-SP80      |
|                                   | MOTOMAN-MPL80II   |

| Mounting face diameter (mm [in.]) | Robot model          |
|-----------------------------------|----------------------|
| <b>125 [4.921]A</b>               | MOTOMAN-MPL100II     |
|                                   | MOTOMAN-MPL160II     |
|                                   | MOTOMAN-MPL300II     |
|                                   | MOTOMAN-GP180(-120)  |
|                                   | MOTOMAN-GP215        |
|                                   | MOTOMAN-GP225        |
|                                   | MOTOMAN-GP250        |
|                                   | MOTOMAN-GP280        |
|                                   | MOTOMAN-GP165R       |
|                                   | MOTOMAN-GP200R       |
|                                   | MOTOMAN-SP165(-105)  |
|                                   | MOTOMAN-SP210        |
|                                   | MOTOMAN-SP235        |
|                                   | MOTOMAN-SP150R       |
|                                   | MOTOMAN-SP185R       |
| <b>125 [4.921]B</b>               | MOTOMAN-MCL130       |
|                                   | MOTOMAN-MCL165(-100) |
|                                   | MOTOMAN-GP110        |
|                                   | MOTOMAN-SP100(B)     |

● End effector models

| Flat type air hand                                                                | 3 finger hand                                                                     | Electric hand                                                                     |                                                                                   | Compliance light                                                                    | Auto hand changer                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| AFDPG6                                                                            | NHE1D16                                                                           | EWHA6H                                                                            | EW2H8                                                                             | CPL34F                                                                              | MJC3                                                                                |
| AFDPG8                                                                            | NHE1D20                                                                           | EWHA12H                                                                           | EW2H18                                                                            | CPL54F                                                                              | MJC10                                                                               |
| AFDPG12                                                                           | NHE1D25                                                                           | EWHA24H                                                                           | EW2H28                                                                            | CPL70F                                                                              | MJC20                                                                               |
| AFDPG14                                                                           |                                                                                   | EWHA36H                                                                           | EW2HL8                                                                            | CPL90F                                                                              | MJC60                                                                               |
| AFDPG18                                                                           |                                                                                   | EWHA12A                                                                           | EW2HL18                                                                           |                                                                                     | MJC100                                                                              |
| AFDPG25                                                                           |                                                                                   | EWHA24A                                                                           | EW2HL28                                                                           |                                                                                     | MJC150                                                                              |
| AFDPGL6                                                                           |                                                                                   | EWHA36A                                                                           |                                                                                   |                                                                                     |                                                                                     |
| AFDPGL8                                                                           |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| AFDPGL12                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| AFDPGL14                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| AFDPGL18                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| AFDPGL25                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |

Note: The above end effectors (5 series) are sold separately. Please purchase separately.

## Combination of shaft diameter and end effector models

SCARA Robots

## ● Air hand (flat type air hand and 3-finger hand) combinations

| Shaft diameter | Flat type air hand |        |         |         |         |         |          |          | 3 finger hand |         |         |
|----------------|--------------------|--------|---------|---------|---------|---------|----------|----------|---------------|---------|---------|
|                | AFDPG6             | AFDPG8 | AFDPG12 | AFDPG14 | AFDPGL6 | AFDPGL8 | AFDPGL12 | AFDPGL14 | NHE1D16       | NHE1D20 | NHE1D25 |
| 16             | ○                  | ○      | ○       | —       | ○       | ○       | ○        | —        | ○             | ○       | —       |
| 20             | —                  | ○      | ○       | ○       | —       | ○       | ○        | ○        | —             | ○       | ○       |

## ● Compliance light combinations

| Shaft diameter | Compliance light |        |        |
|----------------|------------------|--------|--------|
|                | CPL34F           | CPL54F | CPL70F |
| 16             | ○                | ○      | —      |
| 20             | —                | ○      | ○      |

## ● Auto hand changer combinations

| Shaft diameter | Auto hand changer |       |
|----------------|-------------------|-------|
|                | MJC3              | MJC10 |
| 16             | ○                 | ○     |
| 20             | —                 | ○     |

## ● Electric hand combinations

| Shaft diameter | Electric hand |         |         |         |         |         |         |       |        |        |        |         |         |
|----------------|---------------|---------|---------|---------|---------|---------|---------|-------|--------|--------|--------|---------|---------|
|                | EWHA6H        | EWHA12H | EWHA24H | EWHA36H | EWHA12A | EWHA24A | EWHA36A | EW2H8 | EW2H18 | EW2H28 | EW2HL8 | EW2HL18 | EW2HL28 |
| 16             | ○             | ○       | —       | —       | ○       | ○       | ○       | ○     | ○      | —      | ○      | ○       | —       |
| 20             | —             | ○       | ○       | ○       | ○       | ○       | ○       | —     | ○      | ○      | —      | ○       | ○       |

## Combination of shaft diameter and end effector models

Vertically articulated robots

## ● Air hand (flat type air hand) combinations

| Mounting face diameter | Flat type air hand |        |         |         |         |         |         |         |          |          |          |          |
|------------------------|--------------------|--------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|
|                        | AFDPG6             | AFDPG8 | AFDPG12 | AFDPG14 | AFDPG18 | AFDPG25 | AFDPGL6 | AFDPGL8 | AFDPGL12 | AFDPGL14 | AFDPGL18 | AFDPGL25 |
| 15                     | ○                  | —      | —       | —       | —       | —       | ○       | —       | —        | —        | —        | —        |
| 25                     | —                  | ○      | ○       | —       | —       | —       | —       | ○       | ○        | —        | —        | —        |
| 31A                    | —                  | —      | ○       | ○       | —       | —       | —       | —       | ○        | ○        | —        | —        |
| 31B                    | —                  | —      | ○       | ○       | —       | —       | —       | —       | ○        | ○        | —        | —        |
| 56                     | —                  | —      | —       | —       | ○       | ○       | —       | —       | —        | —        | ○        | ○        |
| 80                     | —                  | —      | —       | —       | —       | —       | —       | —       | —        | —        | —        | —        |
| 125A                   | —                  | —      | —       | —       | —       | —       | —       | —       | —        | —        | —        | —        |
| 125B                   | —                  | —      | —       | —       | —       | —       | —       | —       | —        | —        | —        | —        |

## ● Air hand (3-finger hand) combinations

| Mounting face diameter | 3 finger hand |         |         |
|------------------------|---------------|---------|---------|
|                        | NHE1D16       | NHE1D20 | NHE1D25 |
| 15                     | ○             | —       | —       |
| 25                     | ○             | ○       | —       |
| 31A                    | —             | ○       | ○       |
| 31B                    | —             | ○       | ○       |
| 56                     | —             | —       | ○       |
| 80                     | —             | —       | —       |
| 125A                   | —             | —       | —       |
| 125B                   | —             | —       | —       |

## ● Compliance light combinations

| Mounting face diameter | Compliance light |        |        |        |
|------------------------|------------------|--------|--------|--------|
|                        | CPL34F           | CPL54F | CPL70F | CPL90F |
| 15                     | ○                | —      | —      | —      |
| 25                     | ○                | ○      | —      | —      |
| 31A                    | —                | ○      | ○      | —      |
| 31B                    | —                | ○      | ○      | —      |
| 56                     | —                | —      | —      | ○      |
| 80                     | —                | —      | —      | —      |
| 125A                   | —                | —      | —      | —      |
| 125B                   | —                | —      | —      | —      |

## ● Auto hand changer combinations

| Mounting face diameter | Auto hand changer |       |       |       |        |        |
|------------------------|-------------------|-------|-------|-------|--------|--------|
|                        | MJC3              | MJC10 | MJC20 | MJC60 | MJC100 | MJC150 |
| 15                     | ○                 | —     | —     | —     | —      | —      |
| 25                     | ○                 | ○     | —     | —     | —      | —      |
| 31A                    | ○                 | ○     | —     | —     | —      | —      |
| 31B                    | ○                 | ○     | —     | —     | —      | —      |
| 56                     | —                 | —     | ○     | —     | —      | —      |
| 80                     | —                 | —     | —     | ○     | ○      | —      |
| 125A                   | —                 | —     | —     | —     | —      | ○      |
| 125B                   | —                 | —     | —     | —     | —      | ○      |

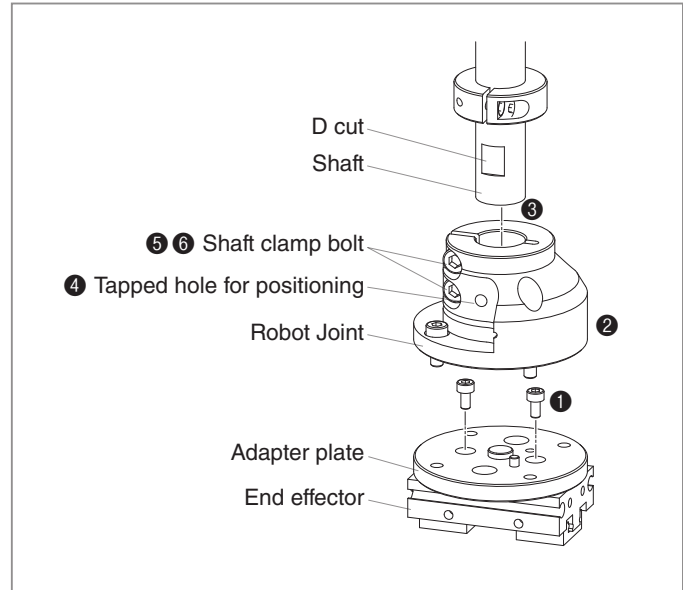
## ● Electric hand combinations

| Mounting face diameter | Electric hand |         |         |         |         |         |         |       |        |        |        |         |         |
|------------------------|---------------|---------|---------|---------|---------|---------|---------|-------|--------|--------|--------|---------|---------|
|                        | EWHA6H        | EWHA12H | EWHA24H | EWHA36H | EWHA12A | EWHA24A | EWHA36A | EW2H8 | EW2H18 | EW2H28 | EW2HL8 | EW2HL18 | EW2HL28 |
| 15                     | ○             | —       | —       | —       | ○       | —       | —       | ○     | —      | —      | ○      | —       | —       |
| 25                     | ○             | ○       | —       | —       | ○       | ○       | ○       | ○     | ○      | —      | ○      | ○       | —       |
| 31A                    | —             | ○       | ○       | ○       | ○       | ○       | ○       | ○     | ○      | —      | ○      | ○       | —       |
| 31B                    | —             | ○       | ○       | ○       | ○       | ○       | ○       | ○     | ○      | —      | ○      | ○       | —       |
| 56                     | —             | —       | ○       | ○       | —       | ○       | ○       | —     | —      | ○      | —      | —       | ○       |
| 80                     | —             | —       | —       | —       | —       | —       | —       | —     | —      | —      | —      | —       | —       |
| 125A                   | —             | —       | —       | —       | —       | —       | —       | —     | —      | —      | —      | —       | —       |
| 125B                   | —             | —       | —       | —       | —       | —       | —       | —     | —      | —      | —      | —       | —       |

## Installation procedure

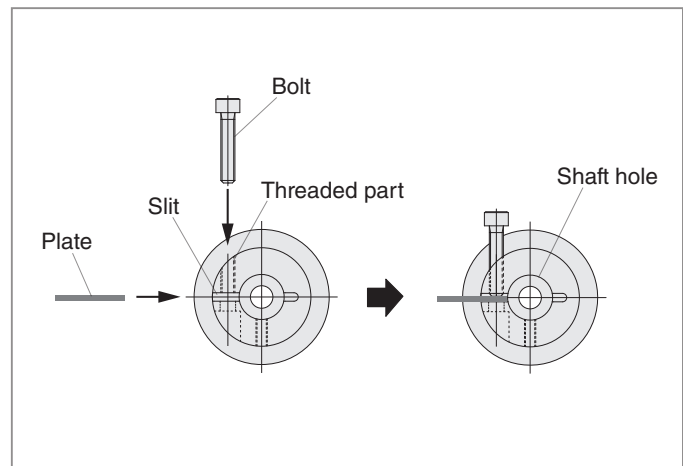
### 1. For SCARA robots (model: KRJS-□)

- ① Install the end effector and adapter plate.  
If not included, the adapter plate is not required.
- ② Install the adapter plate (or end effector if the model does not include an adapter plate) and robot joint.
- ③ Insert the robot joint into the shaft, until the end.
- ④ We recommend the following procedure if the D-cut in the shaft is used for positioning.  
The screw used in the tapped hole for positioning must be prepared by the customer.  
【Recommended procedure when using tapped hole for positioning】  
(1) Temporarily screw in the positioning screw, and then decide the position of the robot joint.  
(2) Temporarily tighten the shaft clamp bolt to secure the robot joint.  
(3) Remove the temporarily screwed in positioning screw.
- ⑤ Tighten the shaft clamp bolts.
- ⑥ Alternately tighten the shaft clamp bolts 3 times or more to the specified tightening torque.



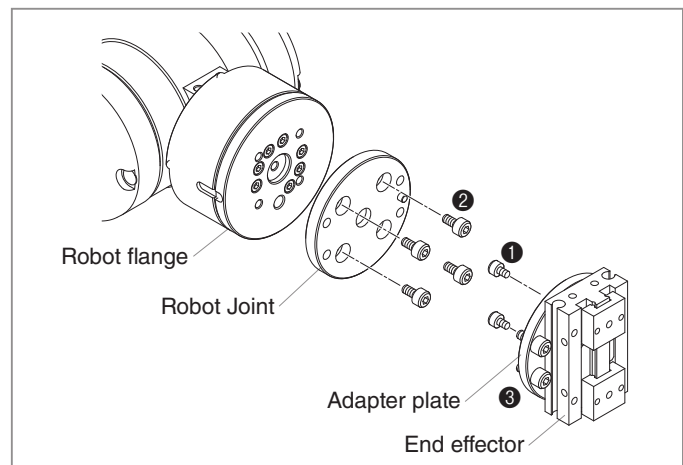
### Caution

If you cannot insert the shaft because the shaft hole in the robot joint is too narrow, then put a plate (a washer or flathead screwdriver can also be used) into the slit, then tighten a bolt (a fastening screw is also possible) into the threaded hole, so the shaft hole widens and the shaft can be inserted.  
After insertion is complete, remove the bolt and plate.



### 2. For vertically articulated robots (Model: KRJV-□)

- ① Install the end effector and adapter plate. If not included, the adapter plate is not required.
- ② Install the robot flange and robot joint.
- ③ Install the adapter plate (or end effector if the model does not include an adapter plate) and robot joint.

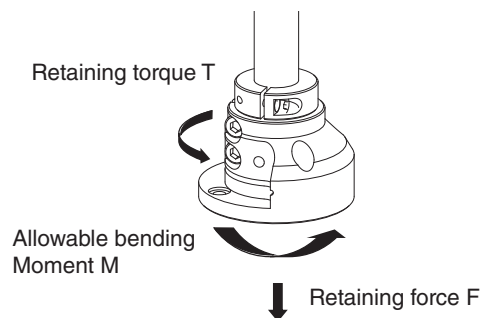


## Handling instructions and precautions

### Retaining force

#### ● Robot Joint for SCARA robots

| Shaft diameter<br>(mm [in.]) | Retaining force<br>F(N [lbf]) | Retaining torque<br>T(N·m [in·lbf]) | Allowable bending moment<br>M(N·m [in·lbf]) |
|------------------------------|-------------------------------|-------------------------------------|---------------------------------------------|
| <b>16 [0.630]</b>            | 1200 [269.8]                  | 12 [106.2]                          | 29 [256.7]                                  |
| <b>20 [0.787]</b>            | 1300 [292.2]                  | 13 [115.1]                          | 29 [256.7]                                  |



### Material

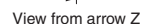
| Name of part  | Material                           |
|---------------|------------------------------------|
| Robot Joint   | Aluminum alloy (alumite treatment) |
| Adapter plate | Aluminum alloy (alumite treatment) |
| Bolt          | Stainless steel                    |
| Parallel pin  | Stainless steel                    |

### Tightening torque

| Screw size | Tightening torque (N·m [in·lbf]) |
|------------|----------------------------------|
| M2.5       | 0.36 [3.186]                     |
| M3         | 0.63 [5.576]                     |
| M4         | 1.5 [13.277]                     |
| M5         | 3 [26.553]                       |
| M6         | 5.2 [46.025]                     |
| M8         | 12.5 [110.6]                     |
| M10        | 24.5 [216.8]                     |

#### Caution

If there is a risk of bolts loosening due to shocks or vibrations, consider taking measures to prevent them from loosening.



**Robot type: SCARA****Shaft diameter: 16 [0.630]**

## ● Air hand

| Model                | Mass (g)                  |                                | Configuration | Shape | Dimensions |    |    |   |   |    |    |   | Accessories |     |              |     |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|----|----|---|---|----|----|---|-------------|-----|--------------|-----|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B  | C  | D | E | F  | G  | H | G           |     | H            |     |
|                      |                           |                                |               |       |            |    |    |   |   |    |    |   | Size        | pcs | Size         | pcs |
| KRJS-YAS-16-AFDPG6   | 105                       | 52                             | ①             | I     | 35         | -  | -  | - | - | -  | 35 | 3 | M2.5×12     | 2   | B type 2×4   | 2   |
| KRJS-YAS-16-AFDPG8   | 180                       | 86                             | ②             | I     | 56         | 5  | -  | - | 6 | 41 | -  | - | M3×6        | 2   | B type 2.5×5 | 2   |
| KRJS-YAS-16-AFDPG12  | 180                       | 200                            | ②             | I     | 56         | 5  | -  | - | 6 | 41 | -  | - | M4×8        | 2   | B type 3×6   | 2   |
| KRJS-YAS-16-AFDPGL6  | 130                       | 60                             | ①             | II    | 56         | 6  | 38 | - | - | -  | -  | - | M2.5×12     | 2   | B type 2×4   | 2   |
| KRJS-YAS-16-AFDPGL8  | 145                       | 135                            | ①             | II    | 78         | 6  | 38 | - | - | -  | -  | - | M3×14       | 2   | B type 2.5×5 | 2   |
| KRJS-YAS-16-AFDPGL12 | 175                       | 330                            | ①             | II    | 96         | 8  | 41 | - | - | -  | -  | - | M4×18       | 2   | B type 3×6   | 2   |
| KRJS-YAS-16-NHE1D16  | 120                       | 170                            | ①             | I     | 41         | 10 | -  | - | - | -  | -  | - | M3×35       | 3   | B type 2×4   | 1   |
| KRJS-YAS-16-NHE1D20  | 135                       | 306                            | ①             | I     | 48         | 10 | -  | - | - | -  | -  | - | M3×40       | 3   | B type 3×6   | 1   |

## ● Compliance light

| Model              | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   |   |   |   |    |   | Accessories |     |                              |     |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|---|---|---|----|---|-------------|-----|------------------------------|-----|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | D | E | F | G  | H | G           |     | H                            |     |
|                    |                           |                                |               |       |            |   |   |   |   |   |    |   | Size        | pcs | Size                         | pcs |
| KRJS-YAS-16-CPL34F | 120                       | 42                             | ①             | I     | 46         | 6 | - | - | - | - | 46 | 3 | M3x8        | 4   | B type 3x6                   | 1   |
| KRJS-YAS-16-CPL54F | 135                       | 130                            | ①             | I     | 54         | 6 | - | - | - | - | -  | - | M5x12       | 4   | A type 4x6 <sup>Note 4</sup> | 1   |

## ● Auto hand changer

| Model             | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   |   |   |   |   |   | Accessories |     |            |     |
|-------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|---|---|---|---|---|-------------|-----|------------|-----|
|                   | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | D | E | F | G | H | G           |     | H          |     |
|                   |                           |                                |               |       |            |   |   |   |   |   |   |   | Size        | pcs | Size       | pcs |
| KRJS-YAS-16-MJC3  | 105                       | 65                             | ①             | I     | 35         | - | - | - | - | - | - | - | M3×20       | 4   | B type 2×5 | 1   |
| KRJS-YAS-16-MJC10 | 145                       | 235                            | ①             | I     | 54         | 9 | - | - | - | - | - | - | M5×30       | 4   | B type 4×8 | 1   |

## ● Electric hand

| Model               | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   |    |   |   |   |   | Accessories |     |            |     |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|----|---|---|---|---|-------------|-----|------------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | D  | E | F | G | H | G           |     | H          |     |
|                     |                           |                                |               |       |            |   |   |    |   |   |   |   | Size        | pcs | Size       | pcs |
| KRJS-YAS-16-EWHA6H  | 135                       | 150                            | ①             | Ⅲ     | 58         | 6 | - | 26 | - | - | - | - | M3×10       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EWHA12H | 180                       | 290                            | ①             | I     | 80         | 6 | - | -  | - | - | - | - | M3×16       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EWHA12A | 135                       | 170                            | ①             | Ⅲ     | 58         | 6 | - | 26 | - | - | - | - | M3×12       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EWHA24A | 160                       | 260                            | ①             | Ⅲ     | 72         | 6 | - | 31 | - | - | - | - | M3×12       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EWHA36A | 160                       | 260                            | ①             | Ⅲ     | 72         | 6 | - | 31 | - | - | - | - | M3×12       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EW2H8   | 135                       | 90                             | ①             | Ⅲ     | 58         | 6 | - | 26 | - | - | - | - | M3×16       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EW2H18  | 160                       | 160                            | ①             | Ⅲ     | 72         | 6 | - | 31 | - | - | - | - | M4×18       | 4   | B type 3×6 | 2   |
| KRJS-YAS-16-EW2HL8  | 135                       | 140                            | ①             | Ⅲ     | 58         | 6 | - | 26 | - | - | - | - | M3×16       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EW2HL18 | 160                       | 250                            | ①             | Ⅲ     | 72         | 6 | - | 31 | - | - | - | - | M4×18       | 4   | B type 3×6 | 2   |

Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

4: The KRJS-YAS-16-CPL54F uses the old JIS A type parallel pin for positioning the end effector.

## Robot type: SCARA

### Shaft diameter: 16 [0.630]

#### ● Air hand

| Model                | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |       |   |       |       |       |       | Accessories |     |              |     |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|-------|---|-------|-------|-------|-------|-------------|-----|--------------|-----|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C     | D | E     | F     | G     | H     | G           |     | H            |     |
|                      |                           |                                |               |       |            |       |       |   |       |       |       |       | Size        | pcs | Size         | pcs |
| KRJS-YAS-16-AFDPG6   | 3.70                      | 1.83                           | ①             | I     | 1.378      | -     | -     | - | -     | -     | 1.378 | 0.118 | M2.5×12     | 2   | B type 2×4   | 2   |
| KRJS-YAS-16-AFDPG8   | 6.35                      | 3.03                           | ②             | I     | 2.205      | 0.197 | -     | - | 0.236 | 1.614 | -     | -     | M3×6        | 2   | B type 2.5×5 | 2   |
| KRJS-YAS-16-AFDPG12  | 6.35                      | 7.05                           | ②             | I     | 2.205      | 0.197 | -     | - | 0.236 | 1.614 | -     | -     | M4×8        | 2   | B type 3×6   | 2   |
| KRJS-YAS-16-AFDPGL6  | 4.59                      | 2.12                           | ①             | II    | 2.205      | 0.236 | 1.496 | - | -     | -     | -     | -     | M2.5×12     | 2   | B type 2×4   | 2   |
| KRJS-YAS-16-AFDPGL8  | 5.11                      | 4.76                           | ①             | II    | 3.071      | 0.236 | 1.496 | - | -     | -     | -     | -     | M3×14       | 2   | B type 2.5×5 | 2   |
| KRJS-YAS-16-AFDPGL12 | 6.17                      | 11.64                          | ①             | II    | 3.780      | 0.315 | 1.614 | - | -     | -     | -     | -     | M4×18       | 2   | B type 3×6   | 2   |
| KRJS-YAS-16-NHE1D16  | 4.23                      | 6.00                           | ①             | I     | 1.614      | 0.394 | -     | - | -     | -     | -     | -     | M3×35       | 3   | B type 2×4   | 1   |
| KRJS-YAS-16-NHE1D20  | 4.76                      | 10.79                          | ①             | I     | 1.890      | 0.394 | -     | - | -     | -     | -     | -     | M3×40       | 3   | B type 3×6   | 1   |

#### ● Compliance light

| Model              | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   |   |   |       |       | Accessories |     |                              |     |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|---|---|-------|-------|-------------|-----|------------------------------|-----|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | E | F | G     | H     | G           |     | H                            |     |
|                    |                           |                                |               |       |            |       |   |   |   |   |       |       | Size        | pcs | Size                         | pcs |
| KRJS-YAS-16-CPL34F | 4.23                      | 1.48                           | ①             | I     | 1.811      | 0.236 | - | - | - | - | 1.811 | 0.118 | M3×8        | 4   | B type 3×6                   | 1   |
| KRJS-YAS-16-CPL54F | 4.76                      | 4.59                           | ①             | I     | 2.126      | 0.236 | - | - | - | - | -     | -     | M5×12       | 4   | A type 4×6 <sup>Note 4</sup> | 1   |

#### ● Auto hand changer

| Model             | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   |   |   |   |   | Accessories |     |            |     |
|-------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|---|---|---|---|-------------|-----|------------|-----|
|                   | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | E | F | G | H | G           |     | H          |     |
|                   |                           |                                |               |       |            |       |   |   |   |   |   |   | Size        | pcs | Size       | pcs |
| KRJS-YAS-16-MJC3  | 3.70                      | 2.29                           | ①             | I     | 1.378      | -     | - | - | - | - | - | - | M3×20       | 4   | B type 2×5 | 1   |
| KRJS-YAS-16-MJC10 | 5.11                      | 8.29                           | ①             | I     | 2.126      | 0.354 | - | - | - | - | - | - | M5×30       | 4   | B type 4×8 | 1   |

#### ● Electric hand

| Model               | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |       |   |   |   |   | Accessories |     |            |     |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|-------|---|---|---|---|-------------|-----|------------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D     | E | F | G | H | G           |     | H          |     |
|                     |                           |                                |               |       |            |       |   |       |   |   |   |   | Size        | pcs | Size       | pcs |
| KRJS-YAS-16-EWHA6H  | 4.76                      | 5.29                           | ①             | Ⅲ     | 2.283      | 0.236 | - | 1.024 | - | - | - | - | M3×10       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EWHA12H | 6.35                      | 10.23                          | ①             | I     | 3.150      | 0.236 | - | -     | - | - | - | - | M3×16       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EWHA12A | 4.76                      | 6.00                           | ①             | Ⅲ     | 2.283      | 0.236 | - | 1.024 | - | - | - | - | M3×12       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EWHA24A | 5.64                      | 9.17                           | ①             | Ⅲ     | 2.835      | 0.236 | - | 1.220 | - | - | - | - | M3×12       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EWHA36A | 5.64                      | 9.17                           | ①             | Ⅲ     | 2.835      | 0.236 | - | 1.220 | - | - | - | - | M3×12       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EW2H8   | 4.76                      | 3.17                           | ①             | Ⅲ     | 2.283      | 0.236 | - | 1.024 | - | - | - | - | M3×16       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EW2H18  | 5.64                      | 5.64                           | ①             | Ⅲ     | 2.835      | 0.236 | - | 1.220 | - | - | - | - | M4×18       | 4   | B type 3×6 | 2   |
| KRJS-YAS-16-EW2HL8  | 4.76                      | 4.94                           | ①             | Ⅲ     | 2.283      | 0.236 | - | 1.024 | - | - | - | - | M3×16       | 4   | B type 2×6 | 2   |
| KRJS-YAS-16-EW2HL18 | 5.64                      | 8.82                           | ①             | Ⅲ     | 2.835      | 0.236 | - | 1.220 | - | - | - | - | M4×18       | 4   | B type 3×6 | 2   |

Note 1: In the drawings, the (★) bolts and pins are accessories.

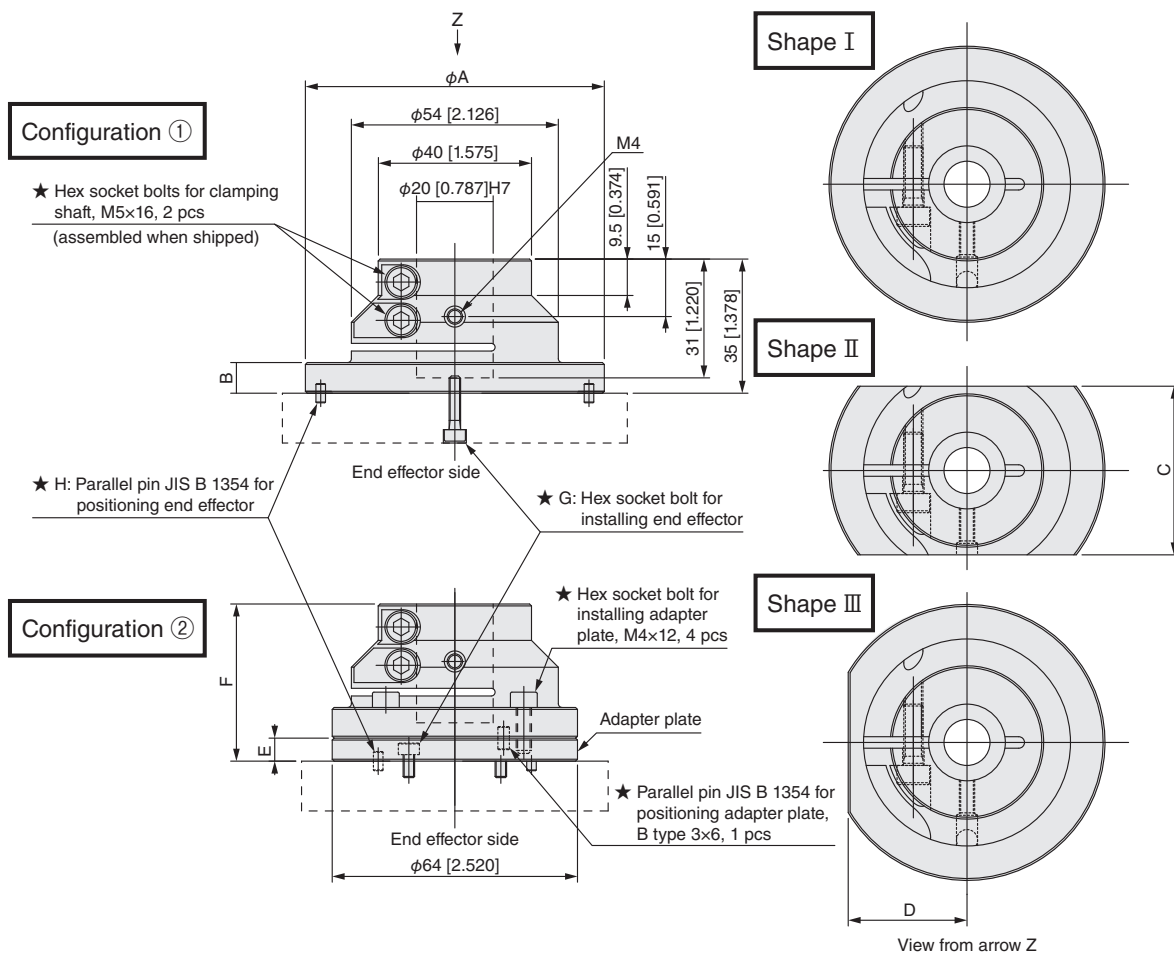
2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

4: The KRJS-YAS-16-CPL54F uses the old JIS A type parallel pin for positioning the end effector.

# Robot type: SCARA

Shaft diameter: 20 [0.630]



## Robot type: SCARA

### Shaft diameter: 20 [0.630]

#### ● Air hand

| Model                | Mass (g)                  |                                | Configuration | Shape | Dimensions |    |    |   |   |    | Accessories |     |              |     |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|----|----|---|---|----|-------------|-----|--------------|-----|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B  | C  | D | E | F  | G           |     | H            |     |
|                      |                           |                                |               |       |            |    |    |   |   |    | Size        | pcs | Size         | pcs |
| KRJS-YAS-20-AFDPG8   | 235                       | 86                             | ②             | I     | 64         | 8  | -  | - | 6 | 51 | M3x6        | 2   | B type 2.5x5 | 2   |
| KRJS-YAS-20-AFDPG12  | 235                       | 200                            | ②             | I     | 64         | 8  | -  | - | 6 | 51 | M4x8        | 2   | B type 3x6   | 2   |
| KRJS-YAS-20-AFDPG14  | 250                       | 390                            | ②             | I     | 64         | 8  | -  | - | 8 | 53 | M5x10       | 2   | B type 3x6   | 2   |
| KRJS-YAS-20-AFDPGL8  | 170                       | 135                            | ①             | II    | 78         | 8  | 44 | - | - | -  | M3x14       | 2   | B type 2.5x5 | 2   |
| KRJS-YAS-20-AFDPGL12 | 190                       | 330                            | ①             | II    | 96         | 8  | 44 | - | - | -  | M4x18       | 2   | B type 3x6   | 2   |
| KRJS-YAS-20-AFDPGL14 | 170                       | 570                            | ①             | II    | 90         | 8  | 44 | - | - | -  | M5x14       | 2   | B type 3x6   | 2   |
| KRJS-YAS-20-NHE1D20  | 140                       | 306                            | ①             | I     | 48         | 10 | -  | - | - | -  | M3x40       | 3   | B type 3x6   | 1   |
| KRJS-YAS-20-NHE1D25  | 170                       | 580                            | ①             | I     | 60         | 10 | -  | - | - | -  | M4x45       | 3   | B type 3x6   | 1   |

#### ● Compliance light

| Model              | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   |   |   |   | Accessories |     |            |     |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|---|---|---|-------------|-----|------------|-----|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | D | E | F | G           |     | H          |     |
|                    |                           |                                |               |       |            |   |   |   |   |   | Size        | pcs | Size       | pcs |
| KRJS-YAS-20-CPL54F | 190                       | 130                            | ①             | I     | 72         | 8 | – | – | – | – | M5×10       | 4   | B type 4×8 | 1   |
| KRJS-YAS-20-CPL70F | 190                       | 250                            | ①             | I     | 70         | 8 | – | – | – | – | M5×14       | 4   | B type 5×8 | 1   |

#### ● Auto hand changer

| Model             | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   |   |   |   | Accessories |     |            |     |
|-------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|---|---|---|-------------|-----|------------|-----|
|                   | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | D | E | F | G           |     | H          |     |
|                   |                           |                                |               |       |            |   |   |   |   |   | Size        | pcs | Size       | pcs |
| KRJS-YAS-20-MJC10 | 150                       | 235                            | ①             | I     | 54         | 9 | - | - | - | - | M5×30       | 4   | B type 4×8 | 1   |

#### ● Electric hand

| Model               | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   |    |   |   | Accessories |     |            |     |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|----|---|---|-------------|-----|------------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | D  | E | F | G           |     | H          |     |
|                     |                           |                                |               |       |            |   |   |    |   |   | Size        | pcs | Size       | pcs |
| KRJS-YAS-20-EWHA12H | 215                       | 290                            | ①             | I     | 80         | 8 | - | -  | - | - | M3×16       | 4   | B type 2×6 | 2   |
| KRJS-YAS-20-EWHA24H | 215                       | 350                            | ①             | I     | 80         | 8 | - | -  | - | - | M3×16       | 4   | B type 2×6 | 2   |
| KRJS-YAS-20-EWHA36H | 215                       | 360                            | ①             | I     | 80         | 8 | - | -  | - | - | M3×16       | 4   | B type 2×6 | 2   |
| KRJS-YAS-20-EWHA12A | 155                       | 170                            | ①             | I     | 58         | 8 | - | -  | - | - | M3×12       | 4   | B type 2×6 | 2   |
| KRJS-YAS-20-EWHA24A | 190                       | 260                            | ①             | Ⅲ     | 72         | 8 | - | 31 | - | - | M3×12       | 4   | B type 2×6 | 2   |
| KRJS-YAS-20-EWHA36A | 190                       | 260                            | ①             | Ⅲ     | 72         | 8 | - | 31 | - | - | M3×12       | 4   | B type 2×6 | 2   |
| KRJS-YAS-20-EW2H18  | 190                       | 160                            | ①             | Ⅲ     | 72         | 8 | - | 31 | - | - | M4×18       | 4   | B type 3×6 | 2   |
| KRJS-YAS-20-EW2H28  | 240                       | 360                            | ①             | Ⅲ     | 88         | 8 | - | 40 | - | - | M4×25       | 4   | B type 3×6 | 2   |
| KRJS-YAS-20-EW2HL18 | 190                       | 250                            | ①             | Ⅲ     | 72         | 8 | - | 31 | - | - | M4×18       | 4   | B type 3×6 | 2   |
| KRJS-YAS-20-EW2HL28 | 240                       | 480                            | ①             | Ⅲ     | 88         | 8 | - | 40 | - | - | M4×25       | 4   | B type 3×6 | 2   |

Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

## Robot type: SCARA

### Shaft diameter: 20 [0.630]

#### ● Air hand

| Model                | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |       |   |       |       | Accessories |     |              |     |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|-------|---|-------|-------|-------------|-----|--------------|-----|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C     | D | E     | F     | G           |     | H            |     |
|                      |                           |                                |               |       |            |       |       |   |       |       | Size        | pcs | Size         | pcs |
| KRJS-YAS-20-AFDPG8   | 8.29                      | 3.03                           | ②             | I     | 2.520      | 0.315 | -     | - | 0.236 | 2.008 | M3x6        | 2   | B type 2.5x5 | 2   |
| KRJS-YAS-20-AFDPG12  | 8.29                      | 7.05                           | ②             | I     | 2.520      | 0.315 | -     | - | 0.236 | 2.008 | M4x8        | 2   | B type 3x6   | 2   |
| KRJS-YAS-20-AFDPG14  | 8.82                      | 13.76                          | ②             | I     | 2.520      | 0.315 | -     | - | 0.315 | 2.087 | M5x10       | 2   | B type 3x6   | 2   |
| KRJS-YAS-20-AFDPGL8  | 6.00                      | 4.76                           | ①             | II    | 3.071      | 0.315 | 1.732 | - | -     | -     | M3x14       | 2   | B type 2.5x5 | 2   |
| KRJS-YAS-20-AFDPGL12 | 6.70                      | 11.64                          | ①             | II    | 3.780      | 0.315 | 1.732 | - | -     | -     | M4x18       | 2   | B type 3x6   | 2   |
| KRJS-YAS-20-AFDPGL14 | 6.00                      | 20.11                          | ①             | II    | 3.543      | 0.315 | 1.732 | - | -     | -     | M5x14       | 2   | B type 3x6   | 2   |
| KRJS-YAS-20-NHE1D20  | 4.94                      | 10.79                          | ①             | I     | 1.890      | 0.394 | -     | - | -     | -     | M3x40       | 3   | B type 3x6   | 1   |
| KRJS-YAS-20-NHE1D25  | 6.00                      | 20.46                          | ①             | I     | 2.362      | 0.394 | -     | - | -     | -     | M4x45       | 3   | B type 3x6   | 1   |

#### ● Compliance light

| Model              | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   |   |   | Accessories |     |            |     |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|---|---|-------------|-----|------------|-----|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | E | F | G           |     | H          |     |
|                    |                           |                                |               |       |            |       |   |   |   |   | Size        | pcs | Size       | pcs |
| KRJS-YAS-20-CPL54F | 6.70                      | 4.59                           | ①             | I     | 2.835      | 0.315 | – | – | – | – | M5×10       | 4   | B type 4×8 | 1   |
| KRJS-YAS-20-CPL70F | 6.70                      | 8.82                           | ①             | I     | 2.756      | 0.315 | – | – | – | – | M5×14       | 4   | B type 5×8 | 1   |

#### ● Auto hand changer

| Model             | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   |   |   | Accessories |     |            |     |
|-------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|---|---|-------------|-----|------------|-----|
|                   | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | E | F | G           |     | H          |     |
|                   |                           |                                |               |       |            |       |   |   |   |   | Size        | pcs | Size       | pcs |
| KRJS-YAS-20-MJC10 | 5.29                      | 8.29                           | ①             | I     | 2.126      | 0.354 | - | - | - | - | M5x30       | 4   | B type 4x8 | 1   |

#### ● Electric hand

| Model               | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |       |   |   | Accessories |     |            |     |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|-------|---|---|-------------|-----|------------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D     | E | F | G           |     | H          |     |
|                     |                           |                                |               |       |            |       |   |       |   |   | Size        | pcs | Size       | pcs |
| KRJS-YAS-20-EWHA12H | 7.58                      | 10.23                          | ①             | I     | 3.150      | 0.315 | - | -     | - | - | M3×16       | 4   | B type 2×6 | 2   |
| KRJS-YAS-20-EWHA24H | 7.58                      | 12.35                          | ①             | I     | 3.150      | 0.315 | - | -     | - | - | M3×16       | 4   | B type 2×6 | 2   |
| KRJS-YAS-20-EWHA36H | 7.58                      | 12.70                          | ①             | I     | 3.150      | 0.315 | - | -     | - | - | M3×16       | 4   | B type 2×6 | 2   |
| KRJS-YAS-20-EWHA12A | 5.47                      | 6.00                           | ①             | I     | 2.283      | 0.315 | - | -     | - | - | M3×12       | 4   | B type 2×6 | 2   |
| KRJS-YAS-20-EWHA24A | 6.70                      | 9.17                           | ①             | Ⅲ     | 2.835      | 0.315 | - | 1.220 | - | - | M3×12       | 4   | B type 2×6 | 2   |
| KRJS-YAS-20-EWHA36A | 6.70                      | 9.17                           | ①             | Ⅲ     | 2.835      | 0.315 | - | 1.220 | - | - | M3×12       | 4   | B type 2×6 | 2   |
| KRJS-YAS-20-EW2H18  | 6.70                      | 5.64                           | ①             | Ⅲ     | 2.835      | 0.315 | - | 1.220 | - | - | M4×18       | 4   | B type 3×6 | 2   |
| KRJS-YAS-20-EW2H28  | 8.47                      | 12.70                          | ①             | Ⅲ     | 3.465      | 0.315 | - | 1.575 | - | - | M4×25       | 4   | B type 3×6 | 2   |
| KRJS-YAS-20-EW2HL18 | 6.70                      | 8.82                           | ①             | Ⅲ     | 2.835      | 0.315 | - | 1.220 | - | - | M4×18       | 4   | B type 3×6 | 2   |
| KRJS-YAS-20-EW2HL28 | 8.47                      | 16.93                          | ①             | Ⅲ     | 3.465      | 0.315 | - | 1.575 | - | - | M4×25       | 4   | B type 3×6 | 2   |

Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.



## Robot type: Vertically articulated

### Mounting face diameter: 15 [0.591]

#### ● Air hand

| Model               | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |    | Accessories |     |         |     |            |     |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|---|----|-------------|-----|---------|-----|------------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C  | H           |     | I       |     | J          |     |
|                     |                           |                                |               |       |            |   |    | Size        | pcs | Size    | pcs | Size       | pcs |
| KRJV-YAS-15-AFDPG6  | 15                        | 52                             | ①             | I     | 29         | 5 | –  | M3×5        | 4   | M2.5×12 | 2   | B type 2×4 | 2   |
| KRJV-YAS-15-AFDPGL6 | 25                        | 60                             | ①             | II    | 54         | 5 | 29 | M3×5        | 4   | M2.5×12 | 2   | B type 2×4 | 2   |
| KRJV-YAS-15-NHE1D16 | 35                        | 170                            | ①             | I     | 41         | 8 | –  | M3×5        | 4   | M3×35   | 3   | B type 2×4 | 1   |

#### ● Compliance light

| Model              | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   | Accessories |     |      |     |            |     |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|-------------|-----|------|-----|------------|-----|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | H           |     | I    |     | J          |     |
|                    |                           |                                |               |       |            |   |   | Size        | pcs | Size | pcs | Size       | pcs |
| KRJV-YAS-15-CPL34F | 30                        | 42                             | ①             | I     | 46         | 5 | – | M3×5        | 4   | M3×8 | 4   | B type 3×6 | 1   |

#### ● Auto hand changer

| Model            | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   | Accessories |     |       |     |            |     |
|------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|-------------|-----|-------|-----|------------|-----|
|                  | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | H           |     | I     |     | J          |     |
|                  |                           |                                |               |       |            |   |   | Size        | pcs | Size  | pcs | Size       | pcs |
| KRJV-YAS-15-MJC3 | 15                        | 65                             | ①             | I     | 34         | 5 | – | M3×5        | 4   | M3×20 | 4   | B type 2×5 | 1   |

#### ● Electric hand

| Model               | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   | Accessories |     |                         |     |            |     |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|-------------|-----|-------------------------|-----|------------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | H           |     | I                       |     | J          |     |
|                     |                           |                                |               |       |            |   |   | Size        | pcs | Size                    | pcs | Size       | pcs |
| KRJV-YAS-15-EWHA6H  | 50                        | 150                            | ②             | I     | 56         | 5 | – | M3×10       | 4   | M3×10 <sup>Note 4</sup> | 4   | B type 2×6 | 2   |
| KRJV-YAS-15-EWHA12A | 45                        | 170                            | ①             | I     | 58         | 5 | – | M3×5        | 4   | M3×10                   | 4   | B type 2×6 | 2   |
| KRJV-YAS-15-EW2H8   | 45                        | 90                             | ①             | I     | 58         | 5 | – | M3×5        | 4   | M3×16                   | 4   | B type 2×6 | 2   |
| KRJV-YAS-15-EW2HL8  | 45                        | 140                            | ①             | I     | 58         | 5 | – | M3×5        | 4   | M3×16                   | 4   | B type 2×6 | 2   |

Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

4: KRJV-YAS-15-EWHA6H uses hex bolts for mounting the end effectors.

## Robot type: Vertically articulated

### Mounting face diameter: 15 [0.591]

#### ● Air hand

| Model               | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |       | Accessories |     |         |     |            |     |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|-------|-------------|-----|---------|-----|------------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C     | H           |     | I       |     | J          |     |
|                     |                           |                                |               |       |            |       |       | Size        | pcs | Size    | pcs | Size       | pcs |
| KRJY-YAS-15-AFDPG6  | 0.53                      | 1.83                           | ①             | I     | 1.142      | 0.197 | –     | M3x5        | 4   | M2.5x12 | 2   | B type 2x4 | 2   |
| KRJY-YAS-15-AFDPL6  | 0.88                      | 2.12                           | ①             | II    | 2.126      | 0.197 | 1.142 | M3x5        | 4   | M2.5x12 | 2   | B type 2x4 | 2   |
| KRJY-YAS-15-NHE1D16 | 1.23                      | 6.00                           | ①             | I     | 1.614      | 0.315 | –     | M3x5        | 4   | M3x35   | 3   | B type 2x4 | 1   |

#### ● Compliance light

| Model              | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   | Accessories |     |      |     |            |     |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|-------------|-----|------|-----|------------|-----|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | H           |     | I    |     | J          |     |
|                    |                           |                                |               |       |            |       |   | Size        | pcs | Size | pcs | Size       | pcs |
| KRJY-YAS-15-CPL34F | 1.06                      | 1.48                           | ①             | I     | 1.811      | 0.197 | – | M3×5        | 4   | M3×8 | 4   | B type 3×6 | 1   |

#### ● Auto hand changer

| Model            | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   | Accessories |     |       |     |            |     |
|------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|-------------|-----|-------|-----|------------|-----|
|                  | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | H           |     | I     |     | J          |     |
|                  |                           |                                |               |       |            |       |   | Size        | pcs | Size  | pcs | Size       | pcs |
| KRJV-YAS-15-MJC3 | 0.53                      | 2.29                           | ①             | I     | 1.339      | 0.197 | – | M3x5        | 4   | M3x20 | 4   | B type 2x5 | 1   |

#### ● Electric hand

| Model               | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   | Accessories |     |                         |     |            |     |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|-------------|-----|-------------------------|-----|------------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | H           |     | I                       |     | J          |     |
|                     |                           |                                |               |       |            |       |   | Size        | pcs | Size                    | pcs | Size       | pcs |
| KRJV-YAS-15-EWHA6H  | 1.76                      | 5.29                           | ②             | I     | 2.205      | 0.197 | – | M3×10       | 4   | M3×10 <sup>Note 4</sup> | 4   | B type 2×6 | 2   |
| KRJV-YAS-15-EWHA12A | 1.59                      | 6.00                           | ①             | I     | 2.283      | 0.197 | – | M3×5        | 4   | M3×10                   | 4   | B type 2×6 | 2   |
| KRJV-YAS-15-EW2H8   | 1.59                      | 3.17                           | ①             | I     | 2.283      | 0.197 | – | M3×5        | 4   | M3×16                   | 4   | B type 2×6 | 2   |
| KRJV-YAS-15-EW2HL8  | 1.59                      | 4.94                           | ①             | I     | 2.283      | 0.197 | – | M3×5        | 4   | M3×16                   | 4   | B type 2×6 | 2   |

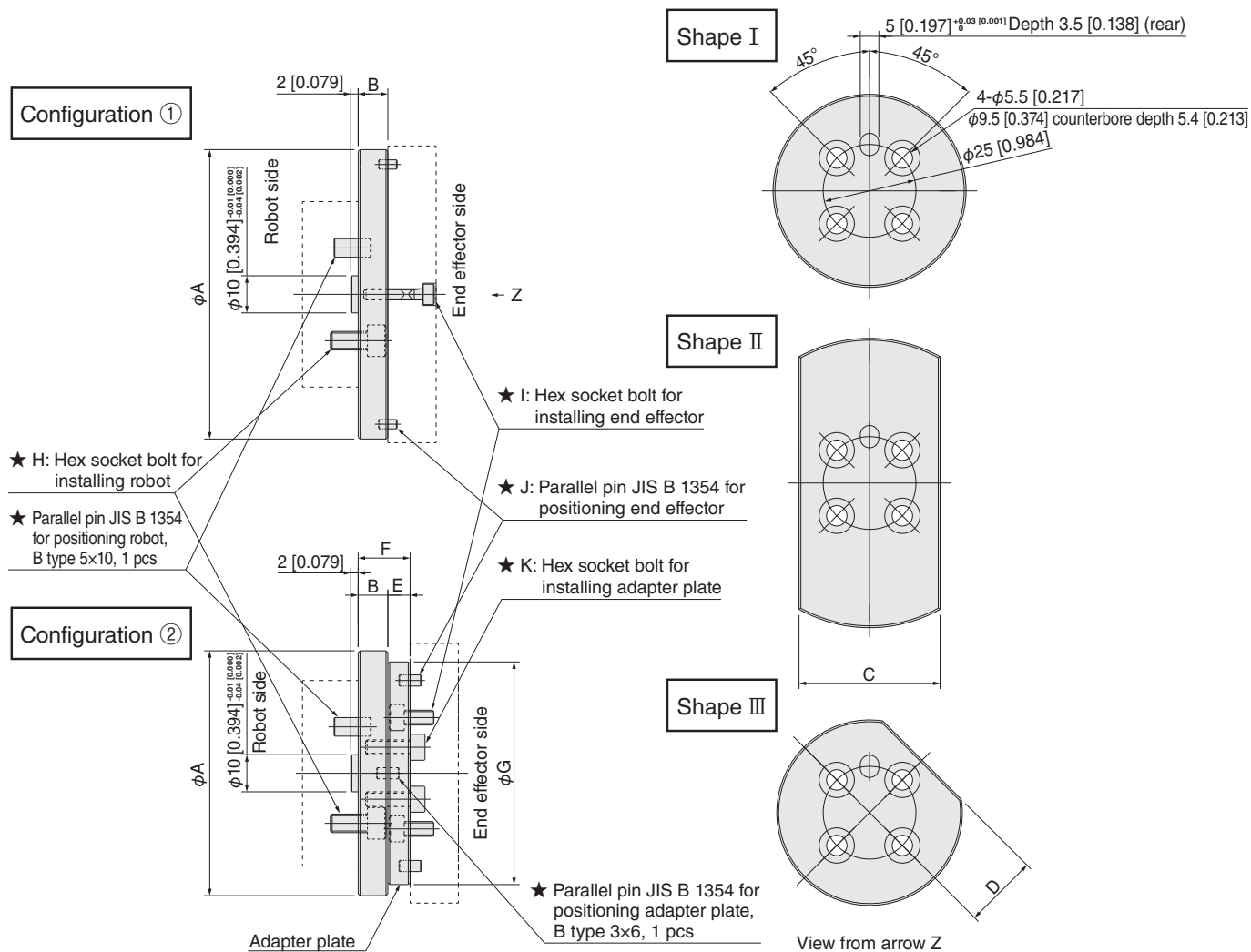
Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

4: KRJV-YAS-15-EWHA6H uses hex bolts for mounting the end effectors.

**Robot type: Vertically articulated**  
**Mounting face diameter: 25 [0.984]**



## Robot type: Vertically articulated

### Mounting face diameter: 25 [0.984]

#### ● Air hand

| Model                | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |    |   |   |    |    |       | Accessories |       |     |              |     |       |     |  |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|---|----|---|---|----|----|-------|-------------|-------|-----|--------------|-----|-------|-----|--|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C  | D | E | F  | G  | H     |             | I     |     | J            |     | K     |     |  |
|                      |                           |                                |               |       |            |   |    |   |   |    |    | Size  | pcs         | Size  | pcs | Size         | pcs | Size  | pcs |  |
| KRJV-YAS-25-AFDPG8   | 90                        | 86                             | ②             | I     | 52         | 8 | -  | - | 5 | 13 | 52 | M5×10 | 4           | M3×6  | 2   | B type 2.5×5 | 2   | M4×12 | 4   |  |
| KRJV-YAS-25-AFDPG12  | 125                       | 200                            | ②             | I     | 60         | 8 | -  | - | 6 | 14 | 60 | M5×10 | 4           | M4×8  | 2   | B type 3×6   | 2   | M4×12 | 4   |  |
| KRJV-YAS-25-AFDPGL8  | 75                        | 135                            | ①             | II    | 78         | 8 | 36 | - | - | -  | -  | M5×10 | 4           | M3×16 | 2   | B type 2.5×5 | 2   | -     | -   |  |
| KRJV-YAS-25-AFDPGL12 | 95                        | 330                            | ①             | II    | 96         | 8 | 41 | - | - | -  | -  | M5×10 | 4           | M4×20 | 2   | B type 3×6   | 2   | -     | -   |  |
| KRJV-YAS-25-NHE1D16  | 145                       | 170                            | ②             | I     | 60         | 6 | -  | - | 8 | 16 | 60 | M5×10 | 4           | M3×35 | 3   | B type 2×4   | 1   | M4×12 | 3   |  |
| KRJV-YAS-25-NHE1D20  | 50                        | 306                            | ①             | I     | 48         | 8 | -  | - | - | -  | -  | M5×10 | 4           | M3×40 | 3   | B type 3×6   | 1   | -     | -   |  |

#### ● Compliance light

| Model              | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   |   |   |   |   |       | Accessories |       |     |            |     |      |     |  |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|---|---|---|---|-------|-------------|-------|-----|------------|-----|------|-----|--|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | D | E | F | G | H     |             | I     |     | J          |     | K    |     |  |
|                    |                           |                                |               |       |            |   |   |   |   |   |   | Size  | pcs         | Size  | pcs | Size       | pcs | Size | pcs |  |
| KRJV-YAS-25-CPL34F | 45                        | 42                             | ①             | I     | 46         | 6 | - | - | - | - | - | M5×10 | 4           | M3×8  | 4   | B type 3×6 | 1   | -    | -   |  |
| KRJV-YAS-25-CPL54F | 105                       | 130                            | ①             | I     | 72         | 8 | - | - | - | - | - | M5×10 | 4           | M5×12 | 4   | B type 4×8 | 1   | -    | -   |  |

#### ● Auto hand changer

| Model             | Mass (g)                  |                                | Configuration | Shape | Dimensions |    |   |    |   |   |   |       | Accessories |       |     |            |     |      |     |  |
|-------------------|---------------------------|--------------------------------|---------------|-------|------------|----|---|----|---|---|---|-------|-------------|-------|-----|------------|-----|------|-----|--|
|                   | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B  | C | D  | E | F | G | H     |             | I     |     | J          |     | K    |     |  |
|                   |                           |                                |               |       |            |    |   |    |   |   |   | Size  | pcs         | Size  | pcs | Size       | pcs | Size | pcs |  |
| KRJV-YAS-25-MJC3  | 60                        | 65                             | ①             | Ⅲ     | 50         | 10 | - | 20 | - | - | - | M5×12 | 4           | M3×20 | 4   | B type 2×5 | 1   | -    | -   |  |
| KRJV-YAS-25-MJC10 | 75                        | 235                            | ①             | I     | 54         | 10 | - | -  | - | - | - | M5×12 | 4           | M5×30 | 4   | B type 4×8 | 1   | -    | -   |  |

#### ● Electric hand

| Model               | Mass (g)                  |                                | Configuration       | Shape | Dimensions |    |   |   |   |    |    |       | Accessories |                         |     |            |     |      |     |  |
|---------------------|---------------------------|--------------------------------|---------------------|-------|------------|----|---|---|---|----|----|-------|-------------|-------------------------|-----|------------|-----|------|-----|--|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |                     |       | A          | B  | C | D | E | F  | G  | H     |             | I                       |     | J          |     | K    |     |  |
|                     |                           |                                |                     |       |            |    |   |   |   |    |    | Size  | pcs         | Size                    | pcs | Size       | pcs | Size | pcs |  |
| KRJV-YAS-25-EWHA6H  | 90                        | 150                            | ② <sup>Note 4</sup> | I     | 40         | 13 | - | - | 5 | 18 | 56 | M5×20 | 4           | M3×10 <sup>Note 5</sup> | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-25-EWHA12H | 125                       | 290                            | ①                   | I     | 80         | 8  | - | - | - | -  | -  | M5×10 | 4           | M3×16                   | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-25-EWHA12A | 70                        | 170                            | ①                   | I     | 58         | 8  | - | - | - | -  | -  | M5×10 | 4           | M3×12                   | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-25-EWHA24A | 105                       | 260                            | ①                   | I     | 72         | 8  | - | - | - | -  | -  | M5×10 | 4           | M3×12                   | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-25-EWHA36A | 105                       | 260                            | ①                   | I     | 72         | 8  | - | - | - | -  | -  | M5×10 | 4           | M3×12                   | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-25-EW2H8   | 70                        | 90                             | ①                   | I     | 58         | 8  | - | - | - | -  | -  | M5×10 | 4           | M3×18                   | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-25-EW2H18  | 105                       | 160                            | ①                   | I     | 72         | 8  | - | - | - | -  | -  | M5×10 | 4           | M4×18                   | 4   | B type 3×6 | 2   | -    | -   |  |
| KRJV-YAS-25-EW2HL8  | 70                        | 140                            | ①                   | I     | 58         | 8  | - | - | - | -  | -  | M5×10 | 4           | M3×18                   | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-25-EW2HL18 | 105                       | 250                            | ①                   | I     | 72         | 8  | - | - | - | -  | -  | M5×10 | 4           | M4×18                   | 4   | B type 3×6 | 2   | -    | -   |  |

Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

4: KRJV-YAS-25-EWHA6H has an integrated robot joint and adapter plate.

5: KRJV-YAS-25-EWHA6H uses hex bolts for mounting the end effectors.

## Robot type: Vertically articulated

### Mounting face diameter: 25 [0.984]

#### ● Air hand

| Model                | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |       |   |       |       |       | Accessories |     |       |     |              |     |       |     |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|-------|---|-------|-------|-------|-------------|-----|-------|-----|--------------|-----|-------|-----|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C     | D | E     | F     | G     | H           |     | I     |     | J            |     | K     |     |
|                      |                           |                                |               |       |            |       |       |   |       |       |       | Size        | pcs | Size  | pcs | Size         | pcs | Size  | pcs |
| KRJY-YAS-25-AFDPG8   | 3.17                      | 3.03                           | ②             | I     | 2.047      | 0.315 | -     | - | 0.197 | 0.512 | 2.047 | M5×10       | 4   | M3×6  | 2   | B type 2.5×5 | 2   | M4×12 | 4   |
| KRJY-YAS-25-AFDPG12  | 4.41                      | 7.05                           | ②             | I     | 2.362      | 0.315 | -     | - | 0.236 | 0.551 | 2.362 | M5×10       | 4   | M4×8  | 2   | B type 3×6   | 2   | M4×12 | 4   |
| KRJY-YAS-25-AFDPGL8  | 2.65                      | 4.76                           | ①             | II    | 3.071      | 0.315 | 1.417 | - | -     | -     | -     | M5×10       | 4   | M3×16 | 2   | B type 2.5×5 | 2   | -     | -   |
| KRJY-YAS-25-AFDPGL12 | 3.35                      | 11.64                          | ①             | II    | 3.780      | 0.315 | 1.614 | - | -     | -     | -     | M5×10       | 4   | M4×20 | 2   | B type 3×6   | 2   | -     | -   |
| KRJY-YAS-25-NHE1D16  | 5.11                      | 6.00                           | ②             | I     | 2.362      | 0.236 | -     | - | 0.315 | 0.630 | 2.362 | M5×10       | 4   | M3×35 | 3   | B type 2×4   | 1   | M4×12 | 3   |
| KRJY-YAS-25-NHE1D20  | 1.76                      | 10.79                          | ①             | I     | 1.890      | 0.315 | -     | - | -     | -     | -     | M5×10       | 4   | M3×40 | 3   | B type 3×6   | 1   | -     | -   |

#### ● Compliance light

| Model              | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   |   |   |   | Accessories |     |       |     |            |     |      |     |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|---|---|---|-------------|-----|-------|-----|------------|-----|------|-----|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | E | F | G | H           |     | I     |     | J          |     | K    |     |
|                    |                           |                                |               |       |            |       |   |   |   |   |   | Size        | pcs | Size  | pcs | Size       | pcs | Size | pcs |
| KRJY-YAS-25-CPL34F | 1.59                      | 1.48                           | ①             | I     | 1.811      | 0.236 | - | - | - | - | - | M5×10       | 4   | M3×8  | 4   | B type 3×6 | 1   | -    | -   |
| KRJY-YAS-25-CPL54F | 3.70                      | 4.59                           | ①             | I     | 2.835      | 0.315 | - | - | - | - | - | M5×10       | 4   | M5×12 | 4   | B type 4×8 | 1   | -    | -   |

#### ● Auto hand changer

| Model             | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |       |   |   |   | Accessories |     |       |     |            |     |      |     |
|-------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|-------|---|---|---|-------------|-----|-------|-----|------------|-----|------|-----|
|                   | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D     | E | F | G | H           |     | I     |     | J          |     | K    |     |
|                   |                           |                                |               |       |            |       |   |       |   |   |   | Size        | pcs | Size  | pcs | Size       | pcs | Size | pcs |
| KRJY-YAS-25-MJC3  | 2.12                      | 2.29                           | ①             | Ⅲ     | 1.969      | 0.394 | - | 0.787 | - | - | - | M5×12       | 4   | M3×20 | 4   | B type 2×5 | 1   | -    | -   |
| KRJY-YAS-25-MJC10 | 2.65                      | 8.29                           | ①             | I     | 2.126      | 0.394 | - | -     | - | - | - | M5×12       | 4   | M5×30 | 4   | B type 4×8 | 1   | -    | -   |

#### ● Electric hand

| Model               | Mass (g [oz])             |                                | Configuration       | Shape | Dimensions |       |   |   |       |       |       | Accessories |     |                         |     |            |     |      |     |
|---------------------|---------------------------|--------------------------------|---------------------|-------|------------|-------|---|---|-------|-------|-------|-------------|-----|-------------------------|-----|------------|-----|------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |                     |       | A          | B     | C | D | E     | F     | G     | H           |     | I                       |     | J          |     | K    |     |
|                     |                           |                                |                     |       |            |       |   |   |       |       |       | Size        | pcs | Size                    | pcs | Size       | pcs | Size | pcs |
| KRJY-YAS-25-EWHA6H  | 3.17                      | 5.29                           | ② <sup>Note 4</sup> | I     | 1.575      | 0.512 | - | - | 0.197 | 0.709 | 2.205 | M5×20       | 4   | M3×10 <sup>Note 5</sup> | 4   | B type 2×6 | 2   | -    | -   |
| KRJY-YAS-25-EWHA12H | 4.41                      | 10.23                          | ①                   | I     | 3.150      | 0.315 | - | - | -     | -     | -     | M5×10       | 4   | M3×16                   | 4   | B type 2×6 | 2   | -    | -   |
| KRJY-YAS-25-EWHA12A | 2.47                      | 6.00                           | ①                   | I     | 2.283      | 0.315 | - | - | -     | -     | -     | M5×10       | 4   | M3×12                   | 4   | B type 2×6 | 2   | -    | -   |
| KRJY-YAS-25-EWHA24A | 3.70                      | 9.17                           | ①                   | I     | 2.835      | 0.315 | - | - | -     | -     | -     | M5×10       | 4   | M3×12                   | 4   | B type 2×6 | 2   | -    | -   |
| KRJY-YAS-25-EWHA36A | 3.70                      | 9.17                           | ①                   | I     | 2.835      | 0.315 | - | - | -     | -     | -     | M5×10       | 4   | M3×12                   | 4   | B type 2×6 | 2   | -    | -   |
| KRJY-YAS-25-EW2H8   | 2.47                      | 3.17                           | ①                   | I     | 2.283      | 0.315 | - | - | -     | -     | -     | M5×10       | 4   | M3×18                   | 4   | B type 2×6 | 2   | -    | -   |
| KRJY-YAS-25-EW2H18  | 3.70                      | 5.64                           | ①                   | I     | 2.835      | 0.315 | - | - | -     | -     | -     | M5×10       | 4   | M4×18                   | 4   | B type 3×6 | 2   | -    | -   |
| KRJY-YAS-25-EW2HL8  | 2.47                      | 4.94                           | ①                   | I     | 2.283      | 0.315 | - | - | -     | -     | -     | M5×10       | 4   | M3×18                   | 4   | B type 2×6 | 2   | -    | -   |
| KRJY-YAS-25-EW2HL18 | 3.70                      | 8.82                           | ①                   | I     | 2.835      | 0.315 | - | - | -     | -     | -     | M5×10       | 4   | M4×18                   | 4   | B type 3×6 | 2   | -    | -   |

Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

4: KRJV-YAS-25-EWHA6H has an integrated robot joint and adapter plate.

5: KRJV-YAS-25-EWHA6H uses hex bolts for mounting the end effectors.



## Robot type: Vertically articulated

### Mounting face diameter: 31 [1.220]A

#### ● Air hand

| Model                | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |    |   |   |    |    |       | Accessories |       |     |            |     |       |     |  |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|---|----|---|---|----|----|-------|-------------|-------|-----|------------|-----|-------|-----|--|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C  | D | E | F  | G  | H     |             | I     |     | J          |     | K     |     |  |
|                      |                           |                                |               |       |            |   |    |   |   |    |    | Size  | pcs         | Size  | pcs | Size       | pcs | Size  | pcs |  |
| KRJY-YAS-31A-AFDPG12 | 140                       | 200                            | ②             | I     | 66         | 8 | -  | - | 6 | 14 | 60 | M5×10 | 4           | M4×8  | 2   | B type 3×6 | 2   | M4×12 | 4   |  |
| KRJY-YAS-31A-AFDPG14 | 170                       | 390                            | ②             | I     | 66         | 8 | -  | - | 8 | 16 | 66 | M5×10 | 4           | M5×10 | 2   | B type 3×6 | 2   | M4×14 | 4   |  |
| KRJY-YAS-31A-AFDPL12 | 95                        | 330                            | ①             | II    | 96         | 8 | 41 | - | - | -  | -  | M5×10 | 4           | M4×20 | 2   | B type 3×6 | 2   | -     | -   |  |
| KRJY-YAS-31A-AFDPL14 | 225                       | 570                            | ②             | II    | 66         | 8 | 66 | - | 8 | 16 | 92 | M5×10 | 4           | M5×14 | 2   | B type 3×6 | 2   | M4×14 | 4   |  |
| KRJY-YAS-31A-NHE1D20 | 50                        | 306                            | ①             | I     | 52         | 8 | -  | - | - | -  | -  | M5×10 | 4           | M3×40 | 3   | B type 3×6 | 1   | -     | -   |  |
| KRJY-YAS-31A-NHE1D25 | 75                        | 580                            | ①             | I     | 60         | 8 | -  | - | - | -  | -  | M5×10 | 4           | M4×45 | 3   | B type 3×6 | 1   | -     | -   |  |

#### ● Compliance light

| Model               | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   |   |   |   |   |       | Accessories |       |     |            |     |      |     |  |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|---|---|---|---|-------|-------------|-------|-----|------------|-----|------|-----|--|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | D | E | F | G | H     |             | I     |     | J          |     | K    |     |  |
|                     |                           |                                |               |       |            |   |   |   |   |   |   | Size  | pcs         | Size  | pcs | Size       | pcs | Size | pcs |  |
| KRJY-YAS-31A-CPL54F | 105                       | 130                            | ①             | I     | 72         | 8 | - | - | - | - | - | M5×10 | 4           | M5×12 | 4   | B type 4×8 | 1   | -    | -   |  |
| KRJY-YAS-31A-CPL70F | 175                       | 250                            | ①             | I     | 92         | 8 | - | - | - | - | - | M5×10 | 4           | M5×12 | 4   | B type 5×8 | 1   | -    | -   |  |

#### ● Auto hand changer

| Model              | Mass (g)                  |                                | Configuration | Shape | Dimensions |    |   |   |   |   |   |       | Accessories |       |     |            |     |      |     |  |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|----|---|---|---|---|---|-------|-------------|-------|-----|------------|-----|------|-----|--|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B  | C | D | E | F | G | H     |             | I     |     | J          |     | K    |     |  |
|                    |                           |                                |               |       |            |    |   |   |   |   |   | Size  | pcs         | Size  | pcs | Size       | pcs | Size | pcs |  |
| KRJY-YAS-31A-MJC3  | 40                        | 65                             | ①             | I     | 42         | 8  | - | - | - | - | - | M5×10 | 4           | M3×20 | 4   | B type 2×5 | 1   | -    | -   |  |
| KRJY-YAS-31A-MJC10 | 75                        | 235                            | ①             | I     | 54         | 10 | - | - | - | - | - | M5×12 | 4           | M5×30 | 4   | B type 4×8 | 1   | -    | -   |  |

#### ● Electric hand

| Model                | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   |   |   |   |   |       | Accessories |       |     |            |     |      |     |  |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|---|---|---|---|-------|-------------|-------|-----|------------|-----|------|-----|--|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | D | E | F | G | H     |             | I     |     | J          |     | K    |     |  |
|                      |                           |                                |               |       |            |   |   |   |   |   |   | Size  | pcs         | Size  | pcs | Size       | pcs | Size | pcs |  |
| KRJV-YAS-31A-EWHA12H | 130                       | 290                            | ①             | I     | 80         | 8 | - | - | - | - | - | M5×10 | 4           | M3×16 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-31A-EWHA24H | 130                       | 350                            | ①             | I     | 80         | 8 | - | - | - | - | - | M5×10 | 4           | M3×16 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-31A-EWHA36H | 130                       | 360                            | ①             | I     | 80         | 8 | - | - | - | - | - | M5×10 | 4           | M3×16 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-31A-EWHA12A | 70                        | 170                            | ①             | I     | 58         | 8 | - | - | - | - | - | M5×10 | 4           | M3×12 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-31A-EWHA24A | 105                       | 260                            | ①             | I     | 72         | 8 | - | - | - | - | - | M5×10 | 4           | M3×12 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-31A-EWHA36A | 105                       | 260                            | ①             | I     | 72         | 8 | - | - | - | - | - | M5×10 | 4           | M3×12 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-31A-EW2H8   | 70                        | 90                             | ①             | I     | 58         | 8 | - | - | - | - | - | M5×10 | 4           | M3×18 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-31A-EW2H18  | 105                       | 160                            | ①             | I     | 72         | 8 | - | - | - | - | - | M5×10 | 4           | M4×18 | 4   | B type 3×6 | 2   | -    | -   |  |
| KRJV-YAS-31A-EW2HL8  | 70                        | 140                            | ①             | I     | 58         | 8 | - | - | - | - | - | M5×10 | 4           | M3×18 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJV-YAS-31A-EW2HL18 | 105                       | 250                            | ①             | I     | 72         | 8 | - | - | - | - | - | M5×10 | 4           | M4×18 | 4   | B type 3×6 | 2   | -    | -   |  |

Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

## Robot type: Vertically articulated

### Mounting face diameter: 31 [1.220]A

#### ● Air hand

| Model                | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |       |   |       |       |       | Accessories |     |       |     |            |     |       |     |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|-------|---|-------|-------|-------|-------------|-----|-------|-----|------------|-----|-------|-----|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C     | D | E     | F     | G     | H           |     | I     |     | J          |     | K     |     |
|                      |                           |                                |               |       |            |       |       |   |       |       |       | Size        | pcs | Size  | pcs | Size       | pcs | Size  | pcs |
| KRJV-YAS-31A-AFDPG12 | 4.94                      | 7.05                           | ②             | I     | 2.598      | 0.315 | -     | - | 0.236 | 0.551 | 2.362 | M5×10       | 4   | M4×8  | 2   | B type 3×6 | 2   | M4×12 | 4   |
| KRJV-YAS-31A-AFDPG14 | 6.00                      | 13.76                          | ②             | I     | 2.598      | 0.315 | -     | - | 0.315 | 0.630 | 2.598 | M5×10       | 4   | M5×10 | 2   | B type 3×6 | 2   | M4×14 | 4   |
| KRJV-YAS-31A-AFDPL12 | 3.35                      | 11.64                          | ①             | II    | 3.780      | 0.315 | 1.614 | - | -     | -     | -     | M5×10       | 4   | M4×20 | 2   | B type 3×6 | 2   | -     | -   |
| KRJV-YAS-31A-AFDPL14 | 7.94                      | 20.11                          | ②             | II    | 2.598      | 0.315 | 2.598 | - | 0.315 | 0.630 | 3.622 | M5×10       | 4   | M5×14 | 2   | B type 3×6 | 2   | M4×14 | 4   |
| KRJV-YAS-31A-NHE1D20 | 1.76                      | 10.79                          | ①             | I     | 2.047      | 0.315 | -     | - | -     | -     | -     | M5×10       | 4   | M3×40 | 3   | B type 3×6 | 1   | -     | -   |
| KRJV-YAS-31A-NHE1D25 | 2.65                      | 20.46                          | ①             | I     | 2.362      | 0.315 | -     | - | -     | -     | -     | M5×10       | 4   | M4×45 | 3   | B type 3×6 | 1   | -     | -   |

#### ● Compliance light

| Model               | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   |   |   |   | Accessories |     |       |     |            |     |      |     |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|---|---|---|-------------|-----|-------|-----|------------|-----|------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | E | F | G | H           |     | I     |     | J          |     | K    |     |
|                     |                           |                                |               |       |            |       |   |   |   |   |   | Size        | pcs | Size  | pcs | Size       | pcs | Size | pcs |
| KRJY-YAS-31A-CPL54F | 3.70                      | 4.59                           | ①             | I     | 2.835      | 0.315 | - | - | - | - | - | M5x10       | 4   | M5x12 | 4   | B type 4x8 | 1   | -    | -   |
| KRJY-YAS-31A-CPL70F | 6.17                      | 8.82                           | ①             | I     | 3.622      | 0.315 | - | - | - | - | - | M5x10       | 4   | M5x12 | 4   | B type 5x8 | 1   | -    | -   |

#### ● Auto hand changer

| Model              | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   |   |   |   | Accessories |     |       |     |            |     |      |     |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|---|---|---|-------------|-----|-------|-----|------------|-----|------|-----|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | E | F | G | H           |     | I     |     | J          |     | K    |     |
|                    |                           |                                |               |       |            |       |   |   |   |   |   | Size        | pcs | Size  | pcs | Size       | pcs | Size | pcs |
| KRJV-YAS-31A-MJC3  | 1.41                      | 2.29                           | ①             | I     | 1.654      | 0.315 | – | – | – | – | – | M5x10       | 4   | M3x20 | 4   | B type 2x5 | 1   | –    | –   |
| KRJV-YAS-31A-MJC10 | 2.65                      | 8.29                           | ①             | I     | 2.126      | 0.394 | – | – | – | – | – | M5x12       | 4   | M5x30 | 4   | B type 4x8 | 1   | –    | –   |

#### ● Electric hand

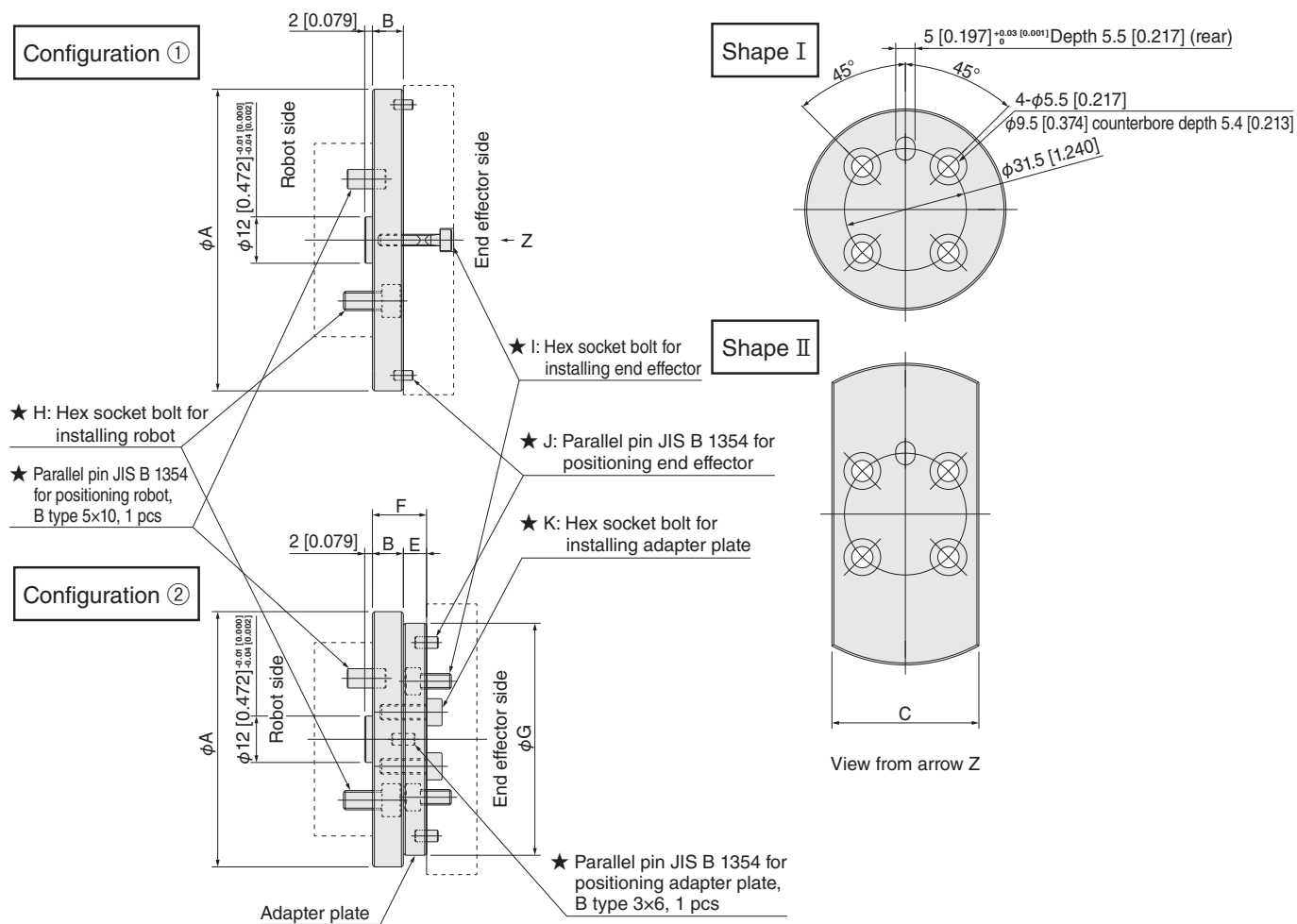
| Model                | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   |   |   |   | Accessories |     |       |     |            |     |      |     |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|---|---|---|-------------|-----|-------|-----|------------|-----|------|-----|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | E | F | G | H           |     | I     |     | J          |     | K    |     |
|                      |                           |                                |               |       |            |       |   |   |   |   |   | Size        | pcs | Size  | pcs | Size       | pcs | Size | pcs |
| KRJV-YAS-31A-EWHA12H | 4.59                      | 10.23                          | ①             | I     | 3.150      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×16 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31A-EWHA24H | 4.59                      | 12.35                          | ①             | I     | 3.150      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×16 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31A-EWHA36H | 4.59                      | 12.70                          | ①             | I     | 3.150      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×16 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31A-EWHA12A | 2.47                      | 6.00                           | ①             | I     | 2.283      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×12 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31A-EWHA24A | 3.70                      | 9.17                           | ①             | I     | 2.835      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×12 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31A-EWHA36A | 3.70                      | 9.17                           | ①             | I     | 2.835      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×12 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31A-EW2H8   | 2.47                      | 3.17                           | ①             | I     | 2.283      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×18 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31A-EW2H18  | 3.70                      | 5.64                           | ①             | I     | 2.835      | 0.315 | - | - | - | - | - | M5×10       | 4   | M4×18 | 4   | B type 3×6 | 2   | -    | -   |
| KRJV-YAS-31A-EW2HL8  | 2.47                      | 4.94                           | ①             | I     | 2.283      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×18 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31A-EW2HL18 | 3.70                      | 8.82                           | ①             | I     | 2.835      | 0.315 | - | - | - | - | - | M5×10       | 4   | M4×18 | 4   | B type 3×6 | 2   | -    | -   |

Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

**Robot type: Vertically articulated**  
**Mounting face diameter: 31 [1.220]B**



## Robot type: Vertically articulated

### Mounting face diameter: 31 [1.220]B

#### ● Air hand

| Model                 | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |    |   |   |    |    |       | Accessories |       |     |            |     |       |     |  |
|-----------------------|---------------------------|--------------------------------|---------------|-------|------------|---|----|---|---|----|----|-------|-------------|-------|-----|------------|-----|-------|-----|--|
|                       | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C  | D | E | F  | G  | H     |             | I     |     | J          |     | K     |     |  |
|                       |                           |                                |               |       |            |   |    |   |   |    |    | Size  | pcs         | Size  | pcs | Size       | pcs | Size  | pcs |  |
| KRJY-YAS-31B-AFDPG12  | 140                       | 200                            | ②             | I     | 66         | 8 | -  | - | 6 | 14 | 60 | M5×10 | 4           | M4×8  | 2   | B type 3×6 | 2   | M4×12 | 4   |  |
| KRJY-YAS-31B-AFDPG14  | 170                       | 390                            | ②             | I     | 66         | 8 | -  | - | 8 | 16 | 66 | M5×10 | 4           | M5×10 | 2   | B type 3×6 | 2   | M4×14 | 4   |  |
| KRJY-YAS-31B-AFDPGL12 | 95                        | 330                            | ①             | II    | 96         | 8 | 41 | - | - | -  | -  | M5×10 | 4           | M4×20 | 2   | B type 3×6 | 2   | -     | -   |  |
| KRJY-YAS-31B-AFDPGL14 | 225                       | 570                            | ②             | II    | 66         | 8 | 66 | - | 8 | 16 | 92 | M5×10 | 4           | M5×14 | 2   | B type 3×6 | 2   | M4×14 | 4   |  |
| KRJY-YAS-31B-NHE1D20  | 50                        | 306                            | ①             | I     | 52         | 8 | -  | - | - | -  | -  | M5×10 | 4           | M3×40 | 3   | B type 3×6 | 1   | -     | -   |  |
| KRJY-YAS-31B-NHE1D25  | 75                        | 580                            | ①             | I     | 60         | 8 | -  | - | - | -  | -  | M5×10 | 4           | M4×45 | 3   | B type 3×6 | 1   | -     | -   |  |

#### ● Compliance light

| Model               | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   |   |   |   |   |       | Accessories |       |     |            |     |      |     |  |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|---|---|---|---|-------|-------------|-------|-----|------------|-----|------|-----|--|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | D | E | F | G | H     |             | I     |     | J          |     | K    |     |  |
|                     |                           |                                |               |       |            |   |   |   |   |   |   | Size  | pcs         | Size  | pcs | Size       | pcs | Size | pcs |  |
| KRJY-YAS-31B-CPL54F | 105                       | 130                            | ①             | I     | 72         | 8 | - | - | - | - | - | M5×10 | 4           | M5×12 | 4   | B type 4×8 | 1   | -    | -   |  |
| KRJY-YAS-31B-CPL70F | 175                       | 250                            | ①             | I     | 92         | 8 | - | - | - | - | - | M5×10 | 4           | M5×12 | 4   | B type 5×8 | 1   | -    | -   |  |

#### ● Auto hand changer

| Model              | Mass (g)                  |                                | Configuration | Shape | Dimensions |    |   |   |   |   |   |       | Accessories |       |     |            |     |      |     |  |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|----|---|---|---|---|---|-------|-------------|-------|-----|------------|-----|------|-----|--|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B  | C | D | E | F | G | H     |             | I     |     | J          |     | K    |     |  |
|                    |                           |                                |               |       |            |    |   |   |   |   |   | Size  | pcs         | Size  | pcs | Size       | pcs | Size | pcs |  |
| KRJY-YAS-31B-MJC3  | 40                        | 65                             | ①             | I     | 42         | 8  | - | - | - | - | - | M5×10 | 4           | M3×20 | 4   | B type 2×5 | 1   | -    | -   |  |
| KRJY-YAS-31B-MJC10 | 75                        | 235                            | ①             | I     | 54         | 10 | - | - | - | - | - | M5×12 | 4           | M5×30 | 4   | B type 4×8 | 1   | -    | -   |  |

#### ● Electric hand

| Model                | Mass (g)                  |                                | Configuration | Shape | Dimensions |   |   |   |   |   |   |       | Accessories |       |     |            |     |      |     |  |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|---|---|---|---|---|---|-------|-------------|-------|-----|------------|-----|------|-----|--|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B | C | D | E | F | G | H     |             | I     |     | J          |     | K    |     |  |
|                      |                           |                                |               |       |            |   |   |   |   |   |   | Size  | pcs         | Size  | pcs | Size       | pcs | Size | pcs |  |
| KRJY-YAS-31B-EWHA12H | 125                       | 290                            | ①             | I     | 80         | 8 | - | - | - | - | - | M5×10 | 4           | M3×16 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJY-YAS-31B-EWHA24H | 125                       | 350                            | ①             | I     | 80         | 8 | - | - | - | - | - | M5×10 | 4           | M3×16 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJY-YAS-31B-EWHA36H | 125                       | 360                            | ①             | I     | 80         | 8 | - | - | - | - | - | M5×10 | 4           | M3×16 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJY-YAS-31B-EWHA12A | 70                        | 170                            | ①             | I     | 58         | 8 | - | - | - | - | - | M5×10 | 4           | M3×12 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJY-YAS-31B-EWHA24A | 105                       | 260                            | ①             | I     | 72         | 8 | - | - | - | - | - | M5×10 | 4           | M3×12 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJY-YAS-31B-EWHA36A | 105                       | 260                            | ①             | I     | 72         | 8 | - | - | - | - | - | M5×10 | 4           | M3×12 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJY-YAS-31B-EW2H8   | 70                        | 90                             | ①             | I     | 58         | 8 | - | - | - | - | - | M5×10 | 4           | M3×18 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJY-YAS-31B-EW2H18  | 105                       | 160                            | ①             | I     | 72         | 8 | - | - | - | - | - | M5×10 | 4           | M4×18 | 4   | B type 3×6 | 2   | -    | -   |  |
| KRJY-YAS-31B-EW2HL8  | 70                        | 140                            | ①             | I     | 58         | 8 | - | - | - | - | - | M5×10 | 4           | M3×18 | 4   | B type 2×6 | 2   | -    | -   |  |
| KRJY-YAS-31B-EW2HL18 | 105                       | 250                            | ①             | I     | 72         | 8 | - | - | - | - | - | M5×10 | 4           | M4×18 | 4   | B type 3×6 | 2   | -    | -   |  |

Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

## Robot type: Vertically articulated

### Mounting face diameter: 31 [1.220]B

#### ● Air hand

| Model                 | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |       |   |       |       |       | Accessories |     |       |     |            |     |       |     |
|-----------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|-------|---|-------|-------|-------|-------------|-----|-------|-----|------------|-----|-------|-----|
|                       | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C     | D | E     | F     | G     | H           |     | I     |     | J          |     | K     |     |
|                       |                           |                                |               |       |            |       |       |   |       |       |       | Size        | pcs | Size  | pcs | Size       | pcs | Size  | pcs |
| KRJV-YAS-31B-AFDPG12  | 4.94                      | 7.05                           | ②             | I     | 2.598      | 0.315 | -     | - | 0.236 | 0.551 | 2.362 | M5×10       | 4   | M4×8  | 2   | B type 3×6 | 2   | M4×12 | 4   |
| KRJV-YAS-31B-AFDPG14  | 6.00                      | 13.76                          | ②             | I     | 2.598      | 0.315 | -     | - | 0.315 | 0.630 | 2.598 | M5×10       | 4   | M5×10 | 2   | B type 3×6 | 2   | M4×14 | 4   |
| KRJV-YAS-31B-AFDPGL12 | 3.35                      | 11.64                          | ①             | II    | 3.780      | 0.315 | 1.614 | - | -     | -     | -     | M5×10       | 4   | M4×20 | 2   | B type 3×6 | 2   | -     | -   |
| KRJV-YAS-31B-AFDPGL14 | 7.94                      | 20.11                          | ②             | II    | 2.598      | 0.315 | 2.598 | - | 0.315 | 0.630 | 3.622 | M5×10       | 4   | M5×14 | 2   | B type 3×6 | 2   | M4×14 | 4   |
| KRJV-YAS-31B-NHE1D20  | 1.76                      | 10.79                          | ①             | I     | 2.047      | 0.315 | -     | - | -     | -     | -     | M5×10       | 4   | M3×40 | 3   | B type 3×6 | 1   | -     | -   |
| KRJV-YAS-31B-NHE1D25  | 2.65                      | 20.46                          | ①             | I     | 2.362      | 0.315 | -     | - | -     | -     | -     | M5×10       | 4   | M4×45 | 3   | B type 3×6 | 1   | -     | -   |

#### ● Compliance light

| Model               | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   |   |   |   | Accessories |     |       |     |            |     |      |     |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|---|---|---|-------------|-----|-------|-----|------------|-----|------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | E | F | G | H           |     | I     |     | J          |     | K    |     |
|                     |                           |                                |               |       |            |       |   |   |   |   |   | Size        | pcs | Size  | pcs | Size       | pcs | Size | pcs |
| KRJY-YAS-31B-CPL54F | 3.70                      | 4.59                           | ①             | I     | 2.835      | 0.315 | - | - | - | - | - | M5×10       | 4   | M5×12 | 4   | B type 4×8 | 1   | -    | -   |
| KRJY-YAS-31B-CPL70F | 6.17                      | 8.82                           | ①             | I     | 3.622      | 0.315 | - | - | - | - | - | M5×10       | 4   | M5×12 | 4   | B type 5×8 | 1   | -    | -   |

#### ● Auto hand changer

| Model              | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   |   |   |   | Accessories |     |       |     |            |     |      |     |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|---|---|---|-------------|-----|-------|-----|------------|-----|------|-----|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | E | F | G | H           |     | I     |     | J          |     | K    |     |
|                    |                           |                                |               |       |            |       |   |   |   |   |   | Size        | pcs | Size  | pcs | Size       | pcs | Size | pcs |
| KRJV-YAS-31B-MJC3  | 1.41                      | 2.29                           | ①             | I     | 1.654      | 0.315 | – | – | – | – | – | M5×10       | 4   | M3×20 | 4   | B type 2×5 | 1   | –    | –   |
| KRJV-YAS-31B-MJC10 | 2.65                      | 8.29                           | ①             | I     | 2.126      | 0.394 | – | – | – | – | – | M5×12       | 4   | M5×30 | 4   | B type 4×8 | 1   | –    | –   |

#### ● Electric hand

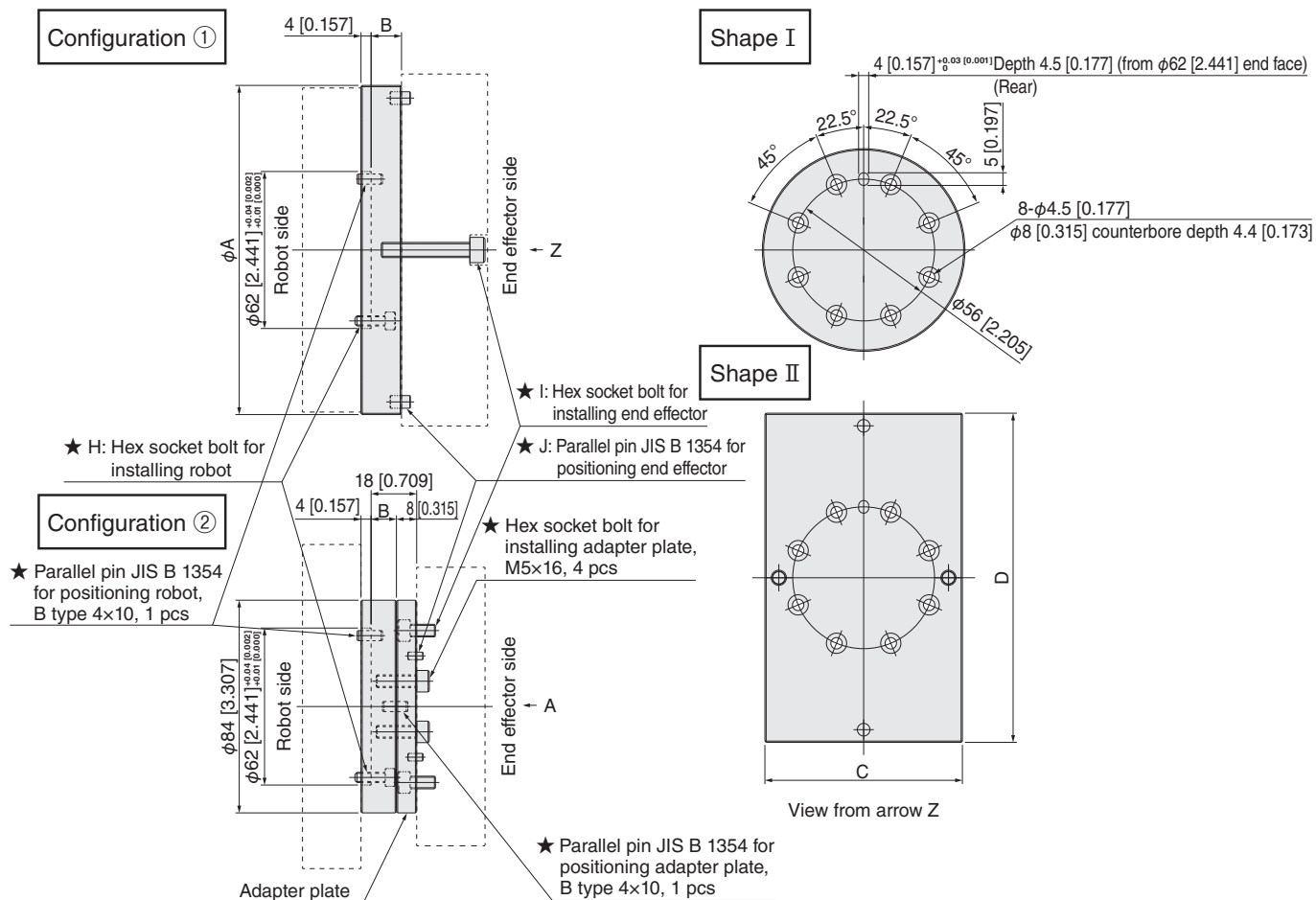
| Model                | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   |   |   |   | Accessories |     |       |     |            |     |      |     |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|---|---|---|-------------|-----|-------|-----|------------|-----|------|-----|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | E | F | G | H           |     | I     |     | J          |     | K    |     |
|                      |                           |                                |               |       |            |       |   |   |   |   |   | Size        | pcs | Size  | pcs | Size       | pcs | Size | pcs |
| KRJV-YAS-31B-EWHA12H | 4.41                      | 10.23                          | ①             | I     | 3.150      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×16 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31B-EWHA24H | 4.41                      | 12.35                          | ①             | I     | 3.150      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×16 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31B-EWHA36H | 4.41                      | 12.70                          | ①             | I     | 3.150      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×16 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31B-EWHA12A | 2.47                      | 6.00                           | ①             | I     | 2.283      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×12 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31B-EWHA24A | 3.70                      | 9.17                           | ①             | I     | 2.835      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×12 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31B-EWHA36A | 3.70                      | 9.17                           | ①             | I     | 2.835      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×12 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31B-EW2H8   | 2.47                      | 3.17                           | ①             | I     | 2.283      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×18 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31B-EW2H18  | 3.70                      | 5.64                           | ①             | I     | 2.835      | 0.315 | - | - | - | - | - | M5×10       | 4   | M4×18 | 4   | B type 3×6 | 2   | -    | -   |
| KRJV-YAS-31B-EW2HL8  | 2.47                      | 4.94                           | ①             | I     | 2.283      | 0.315 | - | - | - | - | - | M5×10       | 4   | M3×18 | 4   | B type 2×6 | 2   | -    | -   |
| KRJV-YAS-31B-EW2HL18 | 3.70                      | 8.82                           | ①             | I     | 2.835      | 0.315 | - | - | - | - | - | M5×10       | 4   | M4×18 | 4   | B type 3×6 | 2   | -    | -   |

Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

**Robot type: Vertically articulated**  
**Mounting face diameter: 56 [2.205]**



## Robot type: Vertically articulated

### Mounting face diameter: 56 [2.205]

#### ● Air hand

| Model                | Mass (g)                  |                                | Configuration | Shape | Dimensions |    |    |     | Accessories |     |       |     |            |     |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|----|----|-----|-------------|-----|-------|-----|------------|-----|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B  | C  | D   | H           |     | I     |     | J          |     |
|                      |                           |                                |               |       |            |    |    |     | Size        | pcs | Size  | pcs | Size       | pcs |
| KRJV-YAS-56-AFDPG18  | 340                       | 690                            | ②             | I     | 84         | 10 | –  | –   | M4×12       | 8   | M5×10 | 2   | B type 3×6 | 2   |
| KRJV-YAS-56-AFDPG25  | 435                       | 1520                           | ①             | II    | –          | 12 | 78 | 130 | M4×12       | 8   | M6×35 | 2   | B type 5×8 | 2   |
| KRJV-YAS-56-AFDPGL18 | 340                       | 1020                           | ②             | I     | 84         | 10 | –  | –   | M4×12       | 8   | M5×10 | 2   | B type 3×6 | 2   |
| KRJV-YAS-56-AFDPGL25 | 795                       | 2320                           | ①             | II    | –          | 12 | 78 | 210 | M4×12       | 8   | M6×35 | 2   | B type 5×8 | 2   |
| KRJV-YAS-56-NHE1D25  | 130                       | 580                            | ①             | I     | 70         | 10 | –  | –   | M4×12       | 6   | M4×45 | 3   | B type 3×6 | 1   |

#### ● Compliance light

| Model              | Mass (g)                  |                                | Configuration | Shape | Dimensions |    |   |   | Accessories |     |       |     |             |     |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|----|---|---|-------------|-----|-------|-----|-------------|-----|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B  | C | D | H           |     | I     |     | J           |     |
|                    |                           |                                |               |       |            |    |   |   | Size        | pcs | Size  | pcs | Size        | pcs |
| KRJY-YAS-56-CPL90F | 420                       | 460                            | ①             | I     | 116        | 10 | - | - | M4×12       | 8   | M6×16 | 4   | B type 6×12 | 1   |

#### ● Auto hand changer

| Model             | Mass (g)                  |                                | Configuration | Shape | Dimensions |    |   |   | Accessories |     |       |     |            |     |
|-------------------|---------------------------|--------------------------------|---------------|-------|------------|----|---|---|-------------|-----|-------|-----|------------|-----|
|                   | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B  | C | D | H           |     | I     |     | J          |     |
|                   |                           |                                |               |       |            |    |   |   | Size        | pcs | Size  | pcs | Size       | pcs |
| KRJV-YAS-56-MJC20 | 135                       | 470                            | ①             | I     | 70         | 14 | – | – | M4×12       | 8   | M5×35 | 4   | B type 5×8 | 1   |

#### ● Electric hand

| Model               | Mass (g)                  |                                | Configuration | Shape | Dimensions |    |   |   | Accessories |     |       |     |            |     |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|----|---|---|-------------|-----|-------|-----|------------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B  | C | D | H           |     | I     |     | J          |     |
|                     |                           |                                |               |       |            |    |   |   | Size        | pcs | Size  | pcs | Size       | pcs |
| KRJV-YAS-56-EWHA24H | 180                       | 350                            | ①             | I     | 80         | 10 | - | - | M4×12       | 8   | M3×16 | 4   | B type 2×6 | 2   |
| KRJV-YAS-56-EWHA36H | 180                       | 360                            | ①             | I     | 80         | 10 | - | - | M4×12       | 8   | M3×16 | 4   | B type 2×6 | 2   |
| KRJV-YAS-56-EWHA24A | 140                       | 260                            | ①             | I     | 72         | 10 | - | - | M4×12       | 8   | M3×12 | 4   | B type 2×6 | 2   |
| KRJV-YAS-56-EWHA36A | 140                       | 260                            | ①             | I     | 72         | 10 | - | - | M4×12       | 8   | M3×12 | 4   | B type 2×6 | 2   |
| KRJV-YAS-56-EW2H28  | 215                       | 360                            | ①             | I     | 86         | 10 | - | - | M4×12       | 8   | M4×25 | 4   | B type 3×6 | 2   |
| KRJV-YAS-56-EW2HL28 | 215                       | 480                            | ①             | I     | 86         | 10 | - | - | M4×12       | 8   | M4×25 | 4   | B type 3×6 | 2   |

Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

## Robot type: Vertically articulated

### Mounting face diameter: 56 [2.205]

#### ● Air hand

| Model                | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |       |       | Accessories |     |       |     |            |     |
|----------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|-------|-------|-------------|-----|-------|-----|------------|-----|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C     | D     | H           |     | I     |     | J          |     |
|                      |                           |                                |               |       |            |       |       |       | Size        | pcs | Size  | pcs | Size       | pcs |
| KRJV-YAS-56-AFDPG18  | 11.99                     | 24.34                          | ②             | I     | 3.307      | 0.394 | –     | –     | M4×12       | 8   | M5×10 | 2   | B type 3×6 | 2   |
| KRJV-YAS-56-AFDPG25  | 15.34                     | 53.62                          | ①             | II    | –          | 0.472 | 3.071 | 5.118 | M4×12       | 8   | M6×35 | 2   | B type 5×8 | 2   |
| KRJV-YAS-56-AFDPGL18 | 11.99                     | 35.98                          | ②             | I     | 3.307      | 0.394 | –     | –     | M4×12       | 8   | M5×10 | 2   | B type 3×6 | 2   |
| KRJV-YAS-56-AFDPGL25 | 28.04                     | 81.83                          | ①             | II    | –          | 0.472 | 3.071 | 8.268 | M4×12       | 8   | M6×35 | 2   | B type 5×8 | 2   |
| KRJV-YAS-56-NHE1D25  | 4.59                      | 20.46                          | ①             | I     | 2.756      | 0.394 | –     | –     | M4×12       | 6   | M4×45 | 3   | B type 3×6 | 1   |

#### ● Compliance light

| Model              | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   | Accessories |     |       |     |             |     |
|--------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|-------------|-----|-------|-----|-------------|-----|
|                    | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | H           |     | I     |     | J           |     |
|                    |                           |                                |               |       |            |       |   |   | Size        | pcs | Size  | pcs | Size        | pcs |
| KRJV-YAS-56-CPL90F | 14.81                     | 16.23                          | ①             | I     | 4.567      | 0.394 | – | – | M4×12       | 8   | M6×16 | 4   | B type 6×12 | 1   |

#### ● Auto hand changer

| Model             | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   | Accessories |     |       |     |            |     |
|-------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|-------------|-----|-------|-----|------------|-----|
|                   | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | H           |     | I     |     | J          |     |
|                   |                           |                                |               |       |            |       |   |   | Size        | pcs | Size  | pcs | Size       | pcs |
| KRJV-YAS-56-MJC20 | 4.76                      | 16.58                          | ①             | I     | 2.756      | 0.551 | – | – | M4×12       | 8   | M5×35 | 4   | B type 5×8 | 1   |

#### ● Electric hand

| Model               | Mass (g [oz])             |                                | Configuration | Shape | Dimensions |       |   |   | Accessories |     |       |     |            |     |
|---------------------|---------------------------|--------------------------------|---------------|-------|------------|-------|---|---|-------------|-----|-------|-----|------------|-----|
|                     | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> |               |       | A          | B     | C | D | H           |     | I     |     | J          |     |
|                     |                           |                                |               |       |            |       |   |   | Size        | pcs | Size  | pcs | Size       | pcs |
| KRJV-YAS-56-EWHA24H | 6.35                      | 12.35                          | ①             | I     | 3.150      | 0.394 | – | – | M4×12       | 8   | M3×16 | 4   | B type 2×6 | 2   |
| KRJV-YAS-56-EWHA36H | 6.35                      | 12.70                          | ①             | I     | 3.150      | 0.394 | – | – | M4×12       | 8   | M3×16 | 4   | B type 2×6 | 2   |
| KRJV-YAS-56-EWHA24A | 4.94                      | 9.17                           | ①             | I     | 2.835      | 0.394 | – | – | M4×12       | 8   | M3×12 | 4   | B type 2×6 | 2   |
| KRJV-YAS-56-EWHA36A | 4.94                      | 9.17                           | ①             | I     | 2.835      | 0.394 | – | – | M4×12       | 8   | M3×12 | 4   | B type 2×6 | 2   |
| KRJV-YAS-56-EW2H28  | 7.58                      | 12.70                          | ①             | I     | 3.386      | 0.394 | – | – | M4×12       | 8   | M4×25 | 4   | B type 3×6 | 2   |
| KRJV-YAS-56-EW2HL28 | 7.58                      | 16.93                          | ①             | I     | 3.386      | 0.394 | – | – | M4×12       | 8   | M4×25 | 4   | B type 3×6 | 2   |

Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

**Robot type: Vertically articulated**  
**Mounting face diameter: 80 [3.150]**

● Model: KRJV-YAS-80-MJC60

Product mass 70 g [2.47 oz]

End effector mass: 1000 g [35.27 oz]

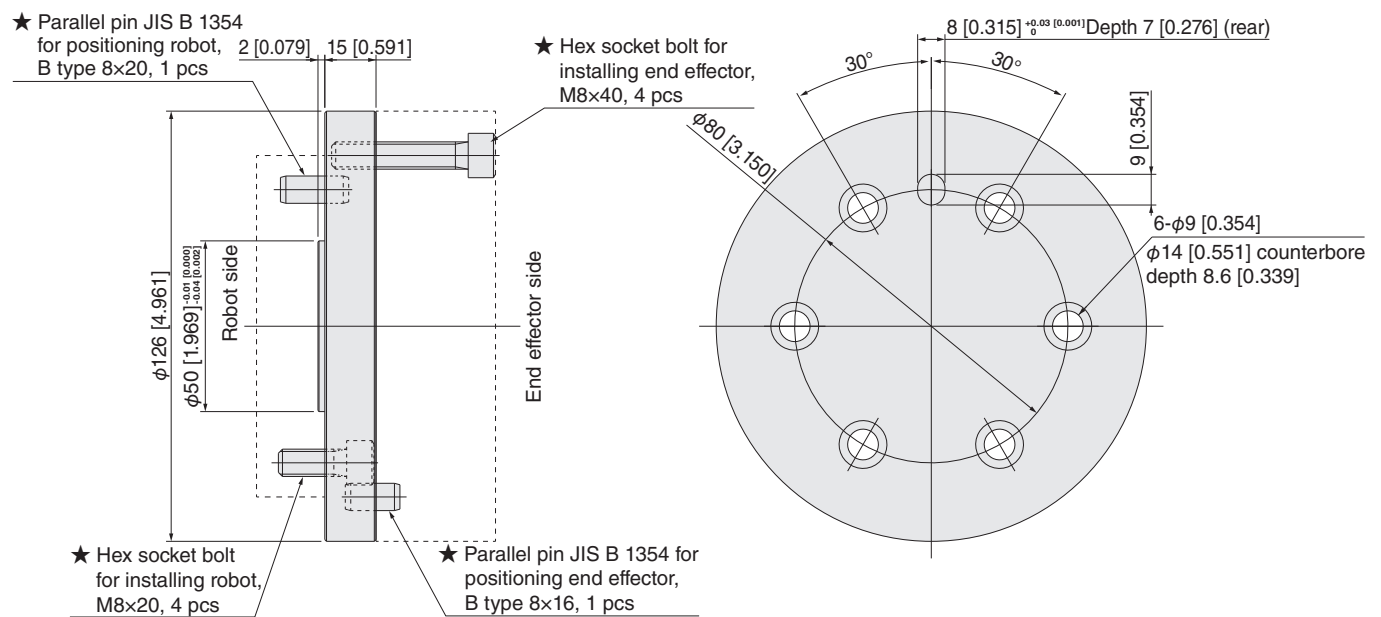
Since it can be mounted directly to the robot, only the following 2 parts are required.

- Hex socket bolt, M8×30, 4 pcs
- Parallel pin, B type 8×12, 1 pcs

● Model: KRJV-YAS-80-MJC100

Product mass 560 g [19.75 oz]

End effector mass: 1800 g [63.49 oz]

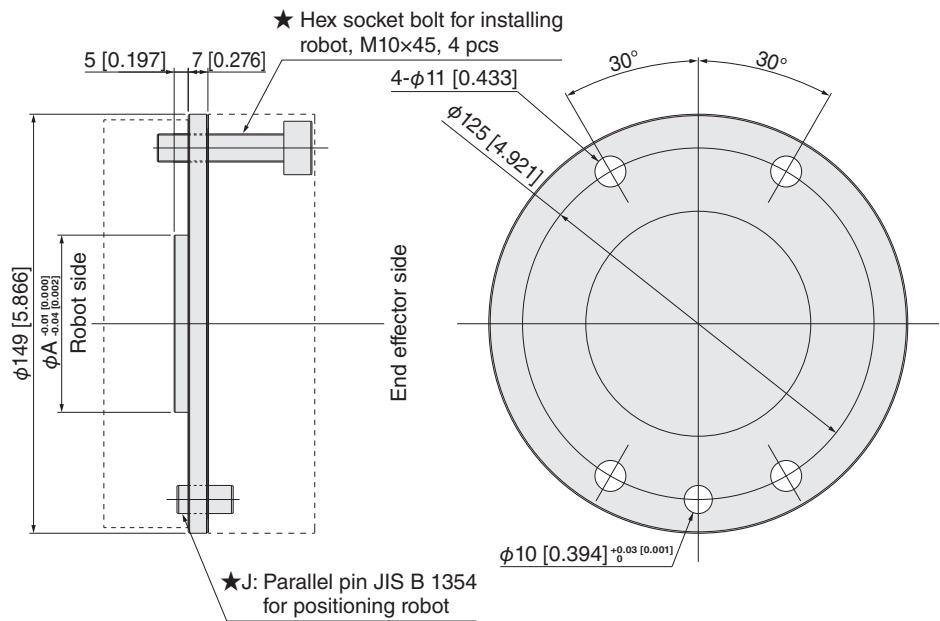


Note 1: In the drawings, the (★) bolts and pins are accessories.

2: The product weight includes the weight of the bolts and parallel pins that are accessories.

3: The end effectors are not included with these products. They must be ordered separately.

Robot type: Vertically articulated  
Mounting face diameter: 125 [4.921]A/125 [4.921]B



● Auto hand changer

| Model                | Mass (g [oz])             |                                | Dimensions   | Accessories  |     |
|----------------------|---------------------------|--------------------------------|--------------|--------------|-----|
|                      | Product <sup>Note 2</sup> | End effector <sup>Note 3</sup> | A            | J            |     |
|                      |                           |                                |              | Size         | pcs |
| KRJY-YAS-125A-MJC150 | 380 [13.40]               | 2700 [95.24]                   | 63 [2.480]   | B type 10×20 | 1   |
| KRJY-YAS-125B-MJC150 | 345 [12.17]               | 2700 [95.24]                   | 31.5 [1.240] | B type 10×30 | 1   |

Note 1: In the drawings, the (★) bolts and pins are accessories.  
2: The product weight includes the weight of the bolts and parallel pins that are accessories.  
3: The end effectors are not included with these products. They must be ordered separately.

[illegible]

## MEMO

[illegible]

[illegible]

# Limited Warranty

KOGANEI CORP. warrants its products to be free from defects in material and workmanship subject to the following provisions.

**Warranty Period** The warranty period is 180 days from the date of delivery.

**Koganei Responsibility** If a defect in material or workmanship is found during the warranty period, KOGANEI CORP. will replace any part proved defective under normal use free of charge and will provide the service necessary to replace such a part.

**Limitations** ● This warranty is in lieu of all other warranties, expressed or implied, and is limited to the original cost of the product and shall not include any transportation fee, the cost of installation or any liability for direct, indirect or consequential damage or delay resulting from the defects.

● KOGANEI CORP. shall in no way be liable or responsible for injuries or damage to persons or property arising out of the use or operation of the manufacturer's product.

● This warranty shall be void if the engineered safety devices are removed, made inoperative or not periodically checked for proper functioning.

● Any operation beyond the rated capacity, any improper use or application, or any improper installation of the product, or any substitution upon it with parts not furnished or approved by KOGANEI CORP., shall void this warranty.

● This warranty covers only such items supplied by KOGANEI CORP. The products of other manufacturers are covered only by such warranties made by those original manufacturers, even though such items may have been included as the components.

The specifications are subject to change without notice.

URL <http://www.koganei.co.jp>

E-mail: [overseas@koganei.co.jp](mailto:overseas@koganei.co.jp)



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