

# GRL-2-L

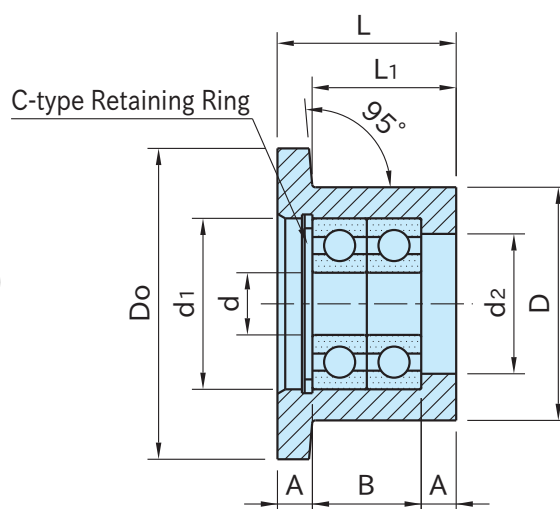
## SINGLE-FLANGED GUIDE ROLLERS (DOUBLE BEARINGS)



**GRL-S2-L**  
(Steel)



**GRL-J2-L**  
(Plastic)



| Type            | Body                                    | Bearing/Retaining Ring |
|-----------------|-----------------------------------------|------------------------|
| <b>GRL-S2-L</b> | S45C steel<br>Electroless nickel plated | Steel                  |
| <b>GRL-J2-L</b> | Polyacetal plastic<br>Black             |                        |

| Type                               |           | d  | D <sub>0</sub> | D  | d <sub>1</sub> | d <sub>2</sub> | L  | L <sub>1</sub> | A   | B  | Bearing Type | Applicable Roller Screws |
|------------------------------------|-----------|----|----------------|----|----------------|----------------|----|----------------|-----|----|--------------|--------------------------|
| <b>GRL-S2-L</b><br><b>GRL-J2-L</b> | <b>30</b> | 6  | 30             | 22 | 17             | 13             | 18 | 14             | 3   | 12 | 606ZZ×2      | RLB0612                  |
|                                    | <b>40</b> | 8  | 40             | 30 | 22             | 18             | 23 | 18.5           | 4.5 | 14 | 608ZZ×2      | RLB0814                  |
|                                    | <b>50</b> | 10 | 50             | 36 | 26             | 22             | 27 | 22.5           | 5.5 | 16 | 6000ZZ×2     | RLB1016                  |
|                                    | <b>60</b> | 12 | 60             | 42 | 32             | 26             | 33 | 28             | 6.5 | 20 | 6201ZZ×2     | RLB1220                  |
|                                    | <b>70</b> | 15 | 70             | 46 | 35             | 29             | 39 | 33.5           | 8.5 | 22 | 6202ZZ×2     | RLB1522                  |

| Steel            |           | Plastic          |           |
|------------------|-----------|------------------|-----------|
| Part Number      | Weight(g) | Part Number      | Weight(g) |
| <b>GRL30S2-L</b> | 45        | <b>GRL30J2-L</b> | 20        |
| <b>GRL40S2-L</b> | 105       | <b>GRL40J2-L</b> | 40        |
| <b>GRL50S2-L</b> | 180       | <b>GRL50J2-L</b> | 65        |
| <b>GRL60S2-L</b> | 290       | -                | -         |
| <b>GRL70S2-L</b> | 410       | -                | -         |

### Features

- Use as rollers for sliding doors or carriers.
- Heavy-duty
- This product can accept a polished steel bar that is available commercially.

### Related Product Page

Applicable Roller Screws

**RLB** ROLLER SCREWS

### Technical Information

#### Load Rating of Bearings

| Bearing Type    | Basic Load Rating Cr(N) | Basic Static Load Rating Cor(N) |
|-----------------|-------------------------|---------------------------------|
| <b>606ZZ×2</b>  | 3660                    | 1360                            |
| <b>608ZZ×2</b>  | 5340                    | 2200                            |
| <b>6000ZZ×2</b> | 7370                    | 3190                            |
| <b>6201ZZ×2</b> | 11010                   | 4940                            |
| <b>6202ZZ×2</b> | 12390                   | 5990                            |