

# GRL-P-R-SUS

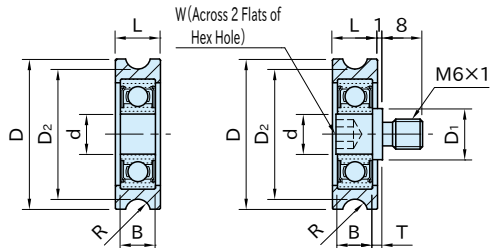
# U GROOVE PLASTIC GUIDE ROLLERS



**GRL-P-R-SUS**  
(Without Stud)



**GRL-M-P-R-SUS**  
(With Stud)



**GRL-P-R-SUS**

**GRL-M-P-R-SUS**

| Type                 | Body               | Bearing         | Stud                   |
|----------------------|--------------------|-----------------|------------------------|
| <b>GRL-P-R-SUS</b>   | Polyacetal plastic | SUS440C         | —                      |
| <b>GRL-M-P-R-SUS</b> | White              | stainless steel | SUS303 stainless steel |

## **GRL-P-R-SUS** (Without Stud)

| Part Number           | D  | D <sub>2</sub> | R   | L   | d | B | Bearing Type | Allowable Load (N) | Weight (g) |
|-----------------------|----|----------------|-----|-----|---|---|--------------|--------------------|------------|
| <b>GRL2106P-R-SUS</b> | 21 | 17             | 2   | 6   | 6 | 5 | 696HZZ       | 98                 | 4.6        |
| <b>GRL2206P-R-SUS</b> | 22 | 18             |     | 4.9 |   |   |              |                    |            |
| <b>GRL3008P-R-SUS</b> | 30 | 26             | 2.5 | 9   | 8 | 7 | 608HZZ       | 196                | 15         |

## **GRL-M-P-R-SUS** (With Stud)

| Part Number           | D  | D <sub>2</sub> | R   | L   | d | B | D <sub>1</sub> | T   | W | Bearing Type | Allowable Load (N) | Weight (g) |
|-----------------------|----|----------------|-----|-----|---|---|----------------|-----|---|--------------|--------------------|------------|
| <b>GRL21M6P-R-SUS</b> | 21 | 17             | 2   | 6   | 6 | 5 | 8              | 1.5 | 3 | 696HZZ       | 98                 | 7.6        |
| <b>GRL22M6P-R-SUS</b> | 22 | 18             |     | 7.6 |   |   |                |     |   |              |                    |            |
| <b>GRL30M6P-R-SUS</b> | 30 | 26             | 2.5 | 9   | 8 | 7 | 10.2           | 2   | 5 | 608HZZ       | 196                | 19.6       |

### Feature

The plastic body provides silent running.

### Technical Information

Heatresistant Temperature 105°C

### Notes

- Roller pin for “Without Stud” type should be prepared by the customer.
- Do not use in applications where impact load or axial load is applied.
- “Allowable Load” mentioned above means allowable radial load based on the test of rotating the roller a million times at the speed of 300min<sup>-1</sup>. Consider the above load values as reference since load capacity varies with use conditions or environments.