

# GRL-H

## DOUBLE-FLANGED GUIDE ROLLERS



**GRL-S-H**  
(Steel)



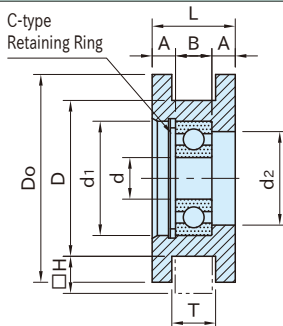
**GRL-SH-H**  
(Hardened Steel)



**GRL-J-H**  
(Plastic)



**GRL-H-SUS**  
(Stainless Steel)



Type	Body	Bearing	Retaining Ring
<b>GRL-S-H</b>	S45C steel Electroless nickel plated	Steel	Steel
<b>GRL-SH-H</b>	SCM435 Steel Black oxide finished Heat treated to Rc40-45		
<b>GRL-J-H</b>	Polyacetal plastic Black		
<b>GRL-H-SUS</b>	Stainless steel (SUS303)	Stainless steel (SUS440C)	Stainless steel (SUS304)

Size	d	Do	D	H	d <sub>1</sub>	d <sub>2</sub>	L	T	A	B	Bearing Type	Applicable Roller Pins				
<b>GRL-S-H</b>	30	6	30	22	4	17	13	12	5	3	6	606ZZ	-	RLP0606	RLP06E	RLP06S
<b>GRL-SH-H</b>	40	8	40	30	6	22	18	16	7	4.5	7	608ZZ	RLP0807F	RLP0807	RLP08E	RLP08S
<b>GRL-J-H</b>	50	10	50	36	9	26	22	19	10	5.5	8	6000ZZ	RLP1008F	RLP1008	RLP10E	RLP10S
<b>GRL-H-SUS</b>	60	12	60	42	12	32	26	23	13	6.5	10	6201ZZ	RLP1210F	RLP1210	RLP12E	RLP12S
	70	15	70	46	16	35	29	28	17	8.5	11	6202ZZ	-	RLP1511	RLP15E	RLP15S

Steel		Hardened Steel		Plastic		Stainless Steel	
Part Number	Weight (g)	Part Number	Weight (g)	Part Number	Weight (g)	Part Number	Weight (g)
<b>GRL30S-H</b>	40	-	-	<b>GRL30J-H</b>	13	-	-
<b>GRL40S-H</b>	85	<b>GRL40SH-H</b>	85	<b>GRL40J-H</b>	25	<b>GRL40-H-SUS</b>	85
<b>GRL50S-H</b>	155	<b>GRL50SH-H</b>	155	<b>GRL50J-H</b>	45	<b>GRL50-H-SUS</b>	155
<b>GRL60S-H</b>	260	<b>GRL60SH-H</b>	260	<b>GRL60J-H</b>	80	<b>GRL60-H-SUS</b>	260
<b>GRL70S-H</b>	400	-	-	<b>GRL70J-H</b>	115	-	-

### Features

- Use as rollers for sliding doors or carriers.
- Medium-duty
- This product can accept a polished square steel bar that is available commercially.
- Hardened-steel guide rollers are wear-resistant and prevent damage from intrusion of foreign matter such as chips.

### How To Use

For the application example, see FLAT GUIDE ROLLERS.

**GRL-F**

### Technical Information

#### Load Rating of Bearings

Bearing Type	Basic Load Rating Cr (N)	Basic Static Load Rating Cor (N)
<b>606ZZ</b>	2260	840
<b>608ZZ</b>	3300	1360
<b>6000ZZ</b>	4550	1970
<b>6201ZZ</b>	6800	3050
<b>6202ZZ</b>	7650	3700