

GRL-R

U GROOVE GUIDE ROLLERS

HS SUS

IMAO



GRL-S-R
(Steel)



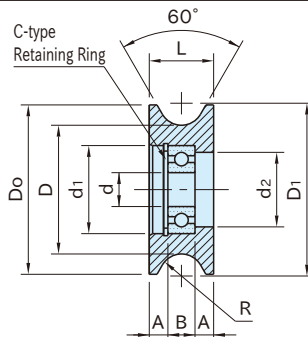
GRL-SH-R
(Hardened Steel)



GRL-J-R
(Plastic)



GRL-R-SUS
(Stainless Steel)



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

Size	d	Do	D	d1	d2	L	R	D1	A	B	Bearing Type	Applicable Roller Pins				Applicable Rails For Guide Rollers	
GRL-S-R	30	6	30	22	17	13	12	R 4.5	31	3	6	606ZZ	-	RLP0606	RLP06E	RLP06S	-
GRL-SH-R	40	8	40	30	22	18	16	R 5.5	41	4.5	7	608ZZ	RLP0807F	RLP0807	RLP08E	RLP08S	-
GRL-J-R	50	10	50	38	26	22	19	R 6.5	51	5.5	8	6000ZZ	RLP1008F	RLP1008	RLP10E	RLP10S	RLR12
GRL-R-SUS	60	12	60	44	32	26	23	R 8.5	61	6.5	10	6201ZZ	RLP1210F	RLP1210	RLP12E	RLP12S	RLR16
	70	15	70	51	35	29	28	R10.5	72	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)
GRL30S-R	35	-	-	GRL30J-R	13	-	-
GRL40S-R	90	-	-	GRL40J-R	25	GRL40-R-SUS	90
GRL50S-R	155	GRL50SH-R	155	GRL50J-R	45	GRL50-R-SUS	155
GRL60S-R	260	GRL60SH-R	260	GRL60J-R	80	GRL60-R-SUS	260
GRL70S-R	460	-	-	GRL70J-R	125	-	-

Features:

- Use as rollers for sliding doors or carriers.
- Medium-duty
- Use **RLR** Rails For Guide Rollers for this product (to be ordered separately).
- Hardened-steel guide rollers are wear-resistant and prevent damage from intrusion of foreign matter such as chips.

Technical Information:

Load Rating of Bearings

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