

Casters

Replacement Wheels

Casters – Replacement Wheels

GYUL

Material: Rubber (Black)
Integrated-bearing
None

RoHS 10

Part Number	d	H	W	Allowable Load (N)	Mass (g)
25	4.7	14	12	80	7
32	5.2	16	14	120	23
38	6.2	20	17	200	28
40	6.2	21	17	200	29
50	6.2	24	20	300	54

Part Number Example **GYUL38**

Casters – Replacement Wheels

GYUW

Material: Rubber
Integrated-bearing
Incorporated

RoHS 10

Part Number	d	Allowable Load (N)	Mass (g)
130	12	1800	571
150	20	2000	749
150A	20	2000	890

Part Number Example **GYUW150A**

Casters – Replacement Wheels

RMNA75
Rubber Wheel

Material: Synthetic Rubber (Black)
With Bearing

RMNA100
Rubber Wheel

Material: Synthetic Rubber (Black)
With Bearing

RMNA130 / 150 / 200
Rubber Wheel

Material: Urethane Rubber (Blue)
With Bearing

RNTB
Urethane Wheel

Material: Urethane Rubber (Blue)
With Bearing

RVA
Monomer Casting Nylon Wheel

Material: Monomer Cast Nylon (Blue)
With Bearing

RoHS 10

Part Number	d	H	W	Allowable Load (N)	Mass (g)	Applicable Casters
RMNA Rubber	75	10	36	800	200	CMGJ CMGK CMGS (P.3133)
	100	12	42	1200	410	
	130	20	52	1800	750	
	150	20	55	2000	1000	
	200	20	55	2500	1750	
RNTB Urethane	75	10	35	1200	290	
	100	12	42	1700	590	
	130	20	52	2600	960	
	150	20	55	3000	1280	
	200	20	55	5000	2060	
RVA Monomer Casting Nylon	75*	10	35.6	3600	200	
	100	12	41	5200	480	
	130	20	52	8400	790	
	150	20	55	10000	1060	

Part Number Example **RNTB130**

Monomer Casting Nylon

In comparison with conventional nylon etc., it is superior in molecular weight and crystallinity. Also, it excels in mechanical properties, friction and chemical resistance.

*: Only for RVA 75, collars (2 pcs.) are included with the shaft part.

Caster

Wheel Shafts / Grooved Wheels / Caster Holders

Casters – Wheel Shafts

KCRB

Components	Material	Surface Treatment
Shaft (1 pc.)	SWCH Carbon Steel	Trivalent Chromate
Nut (1 pc.)	JIS Class 3	
Spring Washer (1 pc.)	Spring Lock Washer	

RoHS 10

Part Number	d	H	B	(F)	M	E
75	10	38.3	17	10	8	7
100	12	46	19	12.7	10	8
130	20	55.9	30	19.3	14	13
		60		17.3		

Part Number Example **KCRB130**

Casters – Grooved Wheels

V Groove Type
RVAB

U Groove Type
RVAU

* Bearing Accuracy JIS B 1514 0 Class
○ Bearings (2pcs.) are press-fit.

Type	Main Material	Retaining Ring
RVAB	MC Nylon	Spring Steel
RVAU	Electrically Conductive MC Nylon	

Groove Shape	Part Number	Wheel Material	d	R	Groove Depth		F	H	W	B	C	Bearing (2 pcs.)	Allowable Load (N)	Mass (g)										
					Z ₁	Z ₂																		
V Groove	RVAB	M MC Nylon D Conductive MC Nylon	10	2.5	59	55	5	36	32	16	29.3	6200ZZ	3530	210										
			12		83	79		38	34	17	31	6201ZZ	5099	360										
			20	4	109	104	8	50	42	21	41.2	6004ZZ	8238	740										
			130		128	123		52	44	22	43.2	6204ZZ	9807	870										
			150		—	—		—	—	—	—	—	—	—	—									
U Groove	RVAU	M MC Nylon D Conductive MC Nylon	10	8	59	—	—	36	32	16	29.3	6200ZZ	3530	210										
			12	8.5	83	—	—	38	34	17	31	6201ZZ	5099	360										
			20	10.5	109	—	—	50	42	21	41.2	6004ZZ	8238	740										
			130												128	—	—	52	44	22	43.2	6204ZZ	9807	870
			150												—	—	—	—	—	—	—	—	—	—

○ MC nylon stands for Monomer Cast nylon MonoCast®. Monomer nylon MonoCast® is a registered trademark of Nippon Polypenco Ltd.

Part Number Example **RVAB75 - M**

Casters – Caster Holders

Type	Material	Hardness
CMHU	EPDM Synthetic Rubber (Gray)	Shore A80
CMHD	Electrically Conductive Rubber (Black)	

Application Example

Roll casters up the slope of CMHU until stop position is reached.

Part Number	A	C	H	K ₁	K ₂	t	Allowable Load (N)	Applicable Caster Wheel Width (Reference)	Mass (g)
CMHU	30	60	33	10	15	4	8000	28	30
CMHD	40	70	41					38	35
Conductive Rubber	50	80	43					48	45

Part Number Example **CMHU50**