

Specification

| Model no. | | | Max. stroke (mm) | Roller dia. (mm) | Main dimensions (mm) | | | Table mounting dimensions (mm) | | | | | | | | | |
|-----------|-------------|---------------|------------------|------------------|----------------------|--------|-----|--------------------------------|----------------|------|------|------|------|----------------|----------------|----------------|----------------|
| Standard | Antirust | Black coating | | | W | T | L | W ₃ | W ₁ | N*P | Q | M | n*p | Q ₇ | d ₃ | T ₁ | T ₂ |
| GRC20-25 | GRC20-25-N | GRC20-25-B | 12 | Ø1.5 | 20±0.1 | 8±0.1 | 25 | 14 | 3 | 1*18 | 3.5 | 1*10 | 7.5 | 4.1 | 7.5 | 3.5 | |
| GRC20-35 | GRC20-35-N | GRC20-35-B | 18 | | | | 35 | | | 1*28 | | 2*10 | | | | | |
| GRC20-45 | GRC20-45-N | GRC20-45-B | 25 | | | | 45 | | | 1*20 | 3*10 | | | | | | |
| GRC20-55 | GRC20-55-N | GRC20-55-B | 32 | | | | 55 | | | 1*30 | 4*10 | | | | | | |
| GRC30-65 | GRC30-65-N | GRC30-65-B | 40 | Ø2.0 | 30±0.1 | 12±0.1 | 65 | 22 | 4 | 1*30 | 17.5 | M3 | 3*15 | 10 | 6 | 11.5 | 5.5 |
| GRC30-80 | GRC30-80-N | GRC30-80-B | 50 | | | | 80 | | | 1*45 | | | 4*15 | | | | |
| GRC30-95 | GRC30-95-N | GRC30-95-B | 60 | | | | 95 | | | 2*30 | | | 5*15 | | | | |
| GRC40-105 | GRC40-105-N | GRC40-105-B | 60 | Ø3.0 | 40±0.1 | 16±0.1 | 105 | 30 | 5 | 1*50 | 27.5 | M4 | 3*25 | 15 | 7.5 | 15.5 | 7.5 |
| GRC40-130 | GRC40-130-N | GRC40-130-B | 75 | | | | 130 | | | 1*75 | | | 4*25 | | | | |
| GRC40-155 | GRC40-155-N | GRC40-155-B | 90 | | | | 155 | | | 2*50 | | | 5*25 | | | | |

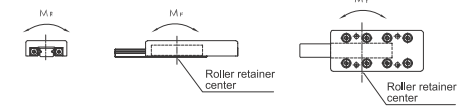
| | | | | |
|--------------------|--------------|-------------|--------------|----------|
| Ordering Example : | GRC | 30 | 25 | N |
| | C type table | Table width | Table length | Antirust |



Material specification

| Component / Material / Model no. | Table | Rail | Retainer | Roller |
|----------------------------------|--------------------------------|---------|----------|--------|
| GRC | Aluminum alloy +black anodized | SUJ2 | SUS304 | SUJ2 |
| GRC - N | S50C+Ni | SUJ2+Ni | SUS304 | SUJ2 |
| GRC - B | S50C +phosphate | SUJ2 | SUS304 | SUJ2 |

GRC-N No Surface finished to V-groove surface of the rail.



★ Each of load and torque changes oppositely in stroke variation

| Base mounting dimensions (mm) | | | | | | Basic dynamic load rating C(N) | Basic static load rating Co(N) | Allowable load Fu(N) | Static rated moment | | | Weight (kg) | | Table moving accuracy (µm) | |
|-------------------------------|----------------|--------------------------------|----------------|----------------|----------------|--------------------------------|--------------------------------|----------------------|----------------------|----------------------|----------------------|-------------|----------|----------------------------|------------------|
| W ₁ | W ₂ | N ₁ *P ₁ | Q ₁ | M ₁ | T ₃ | | | | M _R (N·m) | M _P (N·m) | M _V (N·m) | Standard | Antirust | Center parallelism | Side parallelism |
| 7 | 6.5 | 2*7.5 | 5 | M2.5 | 4 | 523 | 865 | 288 | 2.2 | 2.6 | 2.2 | 0.02 | 0.03 | | |
| | | 2*10 | 7.5 | | | 657 | 1153 | 384 | 3.0 | 4.6 | 5.2 | 0.03 | 0.04 | | |
| | | 3*10 | | | | 783 | 1441 | 480 | 3.7 | 7.2 | 7.9 | 0.03 | 0.05 | | |
| | | 4*10 | 903 | | | 1729 | 576 | 4.4 | 10.4 | 11.2 | 0.04 | 0.06 | | | |
| 12 | 9 | 3*15 | 10 | M3 | 6 | 1849 | 2924 | 975 | 12.7 | 19.5 | 21.4 | 0.11 | 0.16 | | |
| | | 4*15 | | | | 2407 | 4093 | 1364 | 17.7 | 38.2 | 35.5 | 0.13 | 0.20 | | |
| | | 5*15 | | | | 2672 | 4678 | 1559 | 20.3 | 49.9 | 46.8 | 0.16 | 0.24 | | |
| 16 | 12 | 3*25 | 15 | M4 | 8 | 5646 | 10655 | 3552 | 61.8 | 124.3 | 133.2 | 0.31 | 0.48 | | |
| | | 4*25 | | | | 6872 | 13700 | 4567 | 79.5 | 205.5 | 194.1 | 0.39 | 0.59 | | |
| | | 5*25 | | | | 8038 | 16744 | 5581 | 97.1 | 307.0 | 293.0 | 0.46 | 0.70 | | |