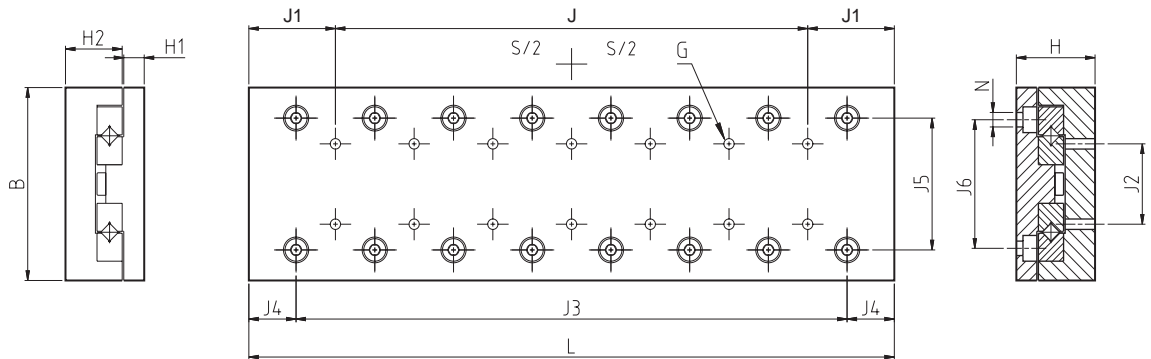


Standard slides



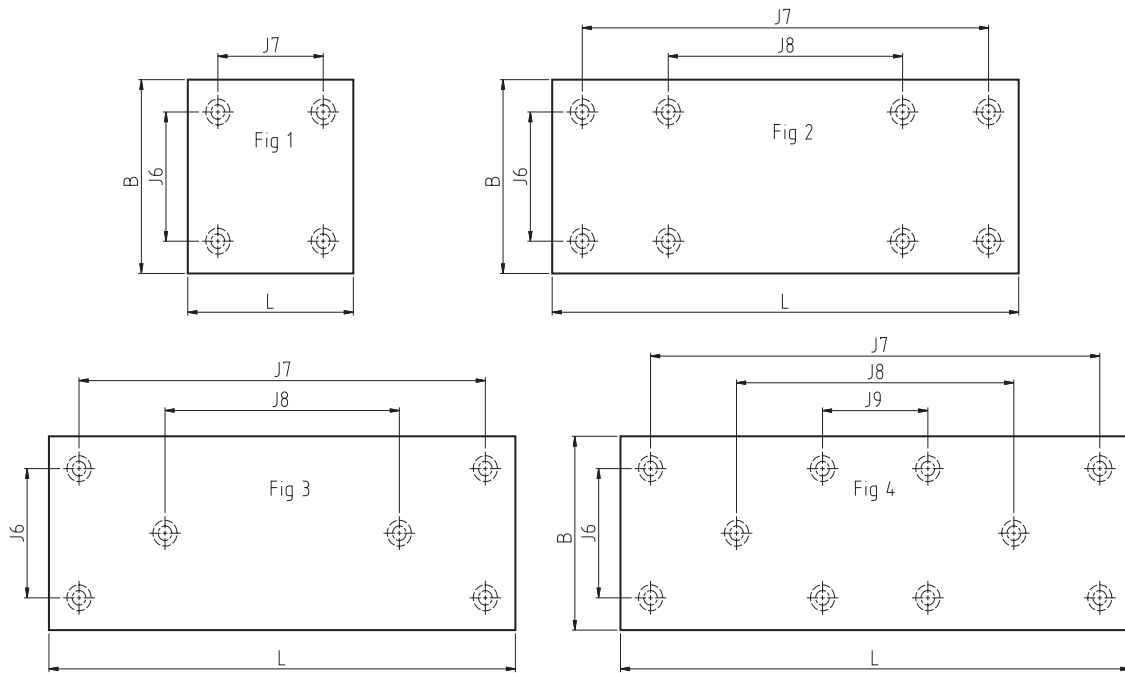
GCL

Standard slides with crossed roller assemblies, steel version, for manual positioning



| Designations | Dimensions | | | Stroke | | G | H ₁ | H ₂ | J | J ₁ | J ₂ | J ₃ | J ₄ | J ₅ |
|--------------|------------|----|-----|------------------------------|------------------------------|----|----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|
| | B | H | L | S ₁ ¹⁾ | S ₂ ¹⁾ | | | | | | | | | |
| mm | | | | | | | | | | | | | | |
| GCL 2030 | 40 | 21 | 35 | 18 | - | M3 | 6.5 | 14.0 | - | 17.5 | 15 | 1×15 | 10 | 25 |
| GCL 2045 | 40 | 21 | 50 | 30 | - | M3 | 6.5 | 14.0 | 1×15 | 17.5 | 15 | 2×15 | 10 | 25 |
| GCL 2060 | 40 | 21 | 65 | 40 | 46 | M3 | 6.5 | 14.0 | 2×15 | 17.5 | 15 | 3×15 | 10 | 25 |
| GCL 2075 | 40 | 21 | 80 | 50 | 60 | M3 | 6.5 | 14.0 | 3×15 | 17.5 | 15 | 4×15 | 10 | 25 |
| GCL 2090 | 40 | 21 | 95 | 60 | 75 | M3 | 6.5 | 14.0 | 4×15 | 17.5 | 15 | 5×15 | 10 | 25 |
| GCL 2105 | 40 | 21 | 110 | 70 | 90 | M3 | 6.5 | 14.0 | 5×15 | 17.5 | 15 | 6×15 | 10 | 25 |
| GCL 2120 | 40 | 21 | 125 | 80 | 105 | M3 | 6.5 | 14.0 | 6×15 | 17.5 | 15 | 7×15 | 10 | 25 |
| GCL 3050 | 60 | 28 | 55 | 30 | - | M4 | 9.0 | 18.5 | - | 27.5 | 25 | 1×25 | 15 | 39 |
| GCL 3075 | 60 | 28 | 80 | 45 | 55 | M4 | 9.0 | 18.5 | 1×25 | 27.5 | 25 | 2×25 | 15 | 39 |
| GCL 3100 | 60 | 28 | 105 | 60 | 80 | M4 | 9.0 | 18.5 | 2×25 | 27.5 | 25 | 3×25 | 15 | 39 |
| GCL 3125 | 60 | 28 | 130 | 75 | 105 | M4 | 9.0 | 18.5 | 3×25 | 27.5 | 25 | 4×25 | 15 | 39 |
| GCL 3150 | 60 | 28 | 155 | 90 | 130 | M4 | 9.0 | 18.5 | 4×25 | 27.5 | 25 | 5×25 | 15 | 39 |
| GCL 3175 | 60 | 28 | 180 | 105 | 155 | M4 | 9.0 | 18.5 | 5×25 | 27.5 | 25 | 6×25 | 15 | 39 |
| GCL 3200 | 60 | 28 | 205 | 130 | 180 | M4 | 9.0 | 18.5 | 6×25 | 27.5 | 25 | 7×25 | 15 | 39 |
| GCL 6100 | 100 | 45 | 110 | 60 | 70 | M6 | 13 | 31.0 | - | 55.0 | 50 | 1×50 | 30 | 64 |
| GCL 6150 | 100 | 45 | 160 | 95 | 120 | M6 | 13 | 31.0 | 1×50 | 55.0 | 50 | 2×50 | 30 | 64 |
| GCL 6200 | 100 | 45 | 210 | 130 | 170 | M6 | 13 | 31.0 | 2×50 | 55.0 | 50 | 3×50 | 30 | 64 |
| GCL 6250 | 100 | 45 | 260 | 165 | 220 | M6 | 13 | 31.0 | 3×50 | 55.0 | 50 | 4×50 | 30 | 64 |
| GCL 6300 | 100 | 45 | 310 | 200 | 270 | M6 | 13 | 31.0 | 4×50 | 55.0 | 50 | 5×50 | 30 | 64 |
| GCL 6400 | 100 | 45 | 410 | 280 | 370 | M6 | 13 | 31.0 | 6×50 | 55.0 | 50 | 7×50 | 30 | 64 |

¹⁾ S₁ Standard stroke order designation, e.g. GCL 2030
 S₂ Extended stroke order designation, e.g. GCL 2030/L



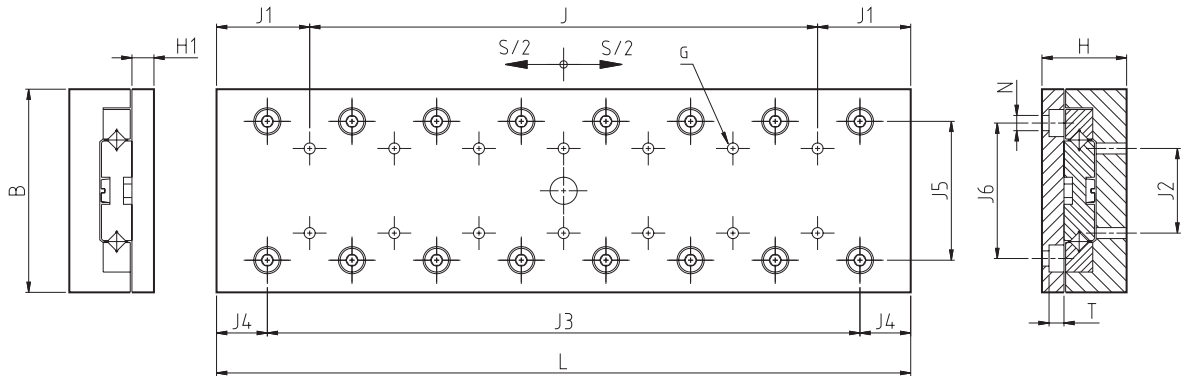
5

| Designations | Dimensions | | | | | Fig | N | Load-carrying capacities | | Weight GS |
|--------------|----------------|----------------|----------------|----------------|---------------------|-----|-------|--------------------------|----------------|--------------|
| | J ₆ | J ₇ | J ₈ | J ₉ | with S ₁ | | | with S ₂ | | |
| | mm | | | | | | | C ₀ | C ₀ | |
| GCL 2030 | 30 | 25 | - | - | 1 | 3.4 | 250 | - | 0.18 | |
| GCL 2045 | 30 | 40 | - | - | 1 | 3.4 | 360 | - | 0.26 | |
| GCL 2060 | 30 | 55 | - | - | 1 | 3.4 | 470 | 430 | 0.34 | |
| GCL 2075 | 30 | 70 | 40 | - | 2 | 3.4 | 580 | 540 | 0.42 | |
| GCL 2090 | 30 | 85 | 55 | - | 2 | 3.4 | 720 | 610 | 0.50 | |
| GCL 2105 | 30 | 100 | 70 | - | 2 | 3.4 | 830 | 720 | 0.58 | |
| GCL 2120 | 30 | 115 | 85 | - | 2 | 3.4 | 940 | 790 | 0.68 | |
| GCL 3050 | 40 | 35 | - | - | 1 | 4.5 | 2130 | - | 0.57 | |
| GCL 3075 | 40 | 60 | - | - | 1 | 4.5 | 3400 | 2980 | 0.80 | |
| GCL 3100 | 40 | 85 | - | - | 1 | 4.5 | 4680 | 3830 | 1.00 | |
| GCL 3125 | 40 | 110 | - | - | 1 | 4.5 | 5950 | 4680 | 1.30 | |
| GCL 3150 | 40 | 135 | 85 | - | 3 | 4.5 | 6800 | 5530 | 1.50 | |
| GCL 3175 | 40 | 160 | 110 | - | 3 | 4.5 | 8080 | 6380 | 1.70 | |
| GCL 3200 | 40 | 185 | 135 | 85 | 4 | 4.5 | 8930 | 7230 | 2.00 | |
| GCL 6100 | 60 | 90 | - | - | 1 | 6.6 | 11700 | 9750 | 3.10 | |
| GCL 6150 | 60 | 140 | - | - | 1 | 6.6 | 17550 | 15600 | 4.50 | |
| GCL 6200 | 60 | 190 | 90 | - | 3 | 6.6 | 23400 | 19500 | 5.90 | |
| GCL 6250 | 60 | 240 | 140 | - | 3 | 6.6 | 29250 | 23400 | 7.20 | |
| GCL 6300 | 60 | 290 | 190 | - | 3 | 6.6 | 35100 | 29250 | 8.60 | |
| GCL 6400 | 60 | 390 | 290 | 190 | 4 | 6.6 | 37050 | 29250 | 11.40 | |

GCLA

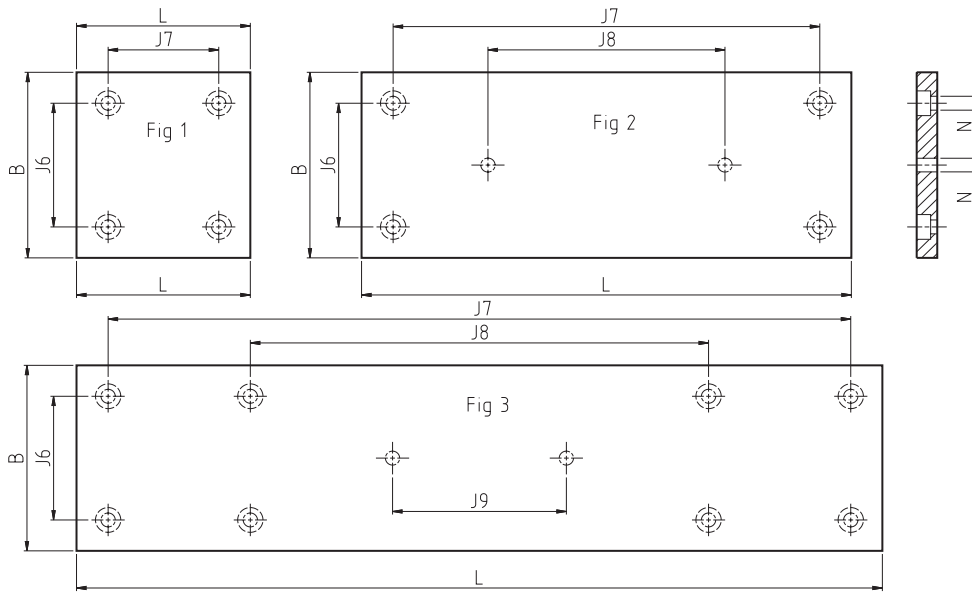
Standard slides with slide top and base made of black anodised aluminium, for manual positioning.

In other respects the design is similar to that of the GCL slides except for the slightly reduced height.



| Designations | Dimensions | | | Stroke | | G | H ₁ | J | J ₁ | J ₂ | J ₃ | J ₄ | J ₅ |
|--------------|------------|----|-----|----------------|------------------------------|----|----------------|------|----------------|----------------|----------------|----------------|----------------|
| | B | H | L | S ₁ | S ₂ ¹⁾ | | | | | | | | |
| mm | | | | | | | | | | | | | |
| GCLA 2030 | 40 | 21 | 35 | 15 | - | M3 | 7.00 | - | 17.5 | 15 | 1×15 | 10 | 25 |
| GCLA 2045 | 40 | 21 | 50 | 22 | 30 | M3 | 7.00 | 1×15 | 17.5 | 15 | 2×15 | 10 | 25 |
| GCLA 2060 | 40 | 21 | 65 | 30 | 45 | M3 | 7.00 | 2×15 | 17.5 | 15 | 3×15 | 10 | 25 |
| GCLA 2075 | 40 | 21 | 80 | 37 | 60 | M3 | 7.00 | 3×15 | 17.5 | 15 | 4×15 | 10 | 25 |
| GCLA 2090 | 40 | 21 | 95 | 45 | 75 | M3 | 7.00 | 4×15 | 17.5 | 15 | 5×15 | 10 | 25 |
| GCLA 2105 | 40 | 21 | 110 | 52 | 90 | M3 | 7.00 | 5×15 | 17.5 | 15 | 6×15 | 10 | 25 |
| GCLA 2120 | 40 | 21 | 125 | 60 | 105 | M3 | 7.00 | 6×15 | 17.5 | 15 | 7×15 | 10 | 25 |
| GCLA 3050 | 60 | 25 | 55 | - | 30 | M4 | 8.25 | - | 27.5 | 25 | 1×25 | 15 | 41 |
| GCLA 3075 | 60 | 25 | 80 | 37 | 55 | M4 | 8.25 | 1×25 | 27.5 | 25 | 2×25 | 15 | 41 |
| GCLA 3100 | 60 | 25 | 105 | 50 | 80 | M4 | 8.25 | 2×25 | 27.5 | 25 | 3×25 | 15 | 41 |
| GCLA 3125 | 60 | 25 | 130 | 62 | 105 | M4 | 8.25 | 3×25 | 27.5 | 25 | 4×25 | 15 | 41 |
| GCLA 3150 | 60 | 25 | 155 | 75 | 130 | M4 | 8.25 | 4×25 | 27.5 | 25 | 5×25 | 15 | 41 |
| GCLA 3175 | 60 | 25 | 180 | 87 | 155 | M4 | 8.25 | 5×25 | 27.5 | 25 | 6×25 | 15 | 41 |
| GCLA 3200 | 60 | 25 | 205 | 100 | 180 | M4 | 8.25 | 6×25 | 27.5 | 25 | 7×25 | 15 | 41 |
| GCLA 6100 | 100 | 40 | 110 | 50 | 70 | M6 | 12.00 | - | 55.0 | 50 | 1×50 | 30 | 65 |
| GCLA 6150 | 100 | 40 | 160 | 75 | 120 | M6 | 12.00 | 1×50 | 55.0 | 50 | 2×50 | 30 | 65 |
| GCLA 6200 | 100 | 40 | 210 | 100 | 170 | M6 | 12.00 | 2×50 | 55.0 | 50 | 3×50 | 30 | 65 |
| GCLA 6250 | 100 | 40 | 260 | 125 | 220 | M6 | 12.00 | 3×50 | 55.0 | 50 | 4×50 | 30 | 65 |
| GCLA 6300 | 100 | 40 | 310 | 150 | 270 | M6 | 12.00 | 4×50 | 55.0 | 50 | 5×50 | 30 | 65 |
| GCLA 6350 | 100 | 40 | 360 | 175 | 320 | M6 | 12.00 | 5×50 | 55.0 | 50 | 6×50 | 30 | 65 |
| GCLA 6400 | 100 | 40 | 410 | 200 | 370 | M6 | 12.00 | 6×50 | 55.0 | 50 | 7×50 | 30 | 65 |

¹⁾ S₂ Extended stroke order designation, e.g. GCL 2030L

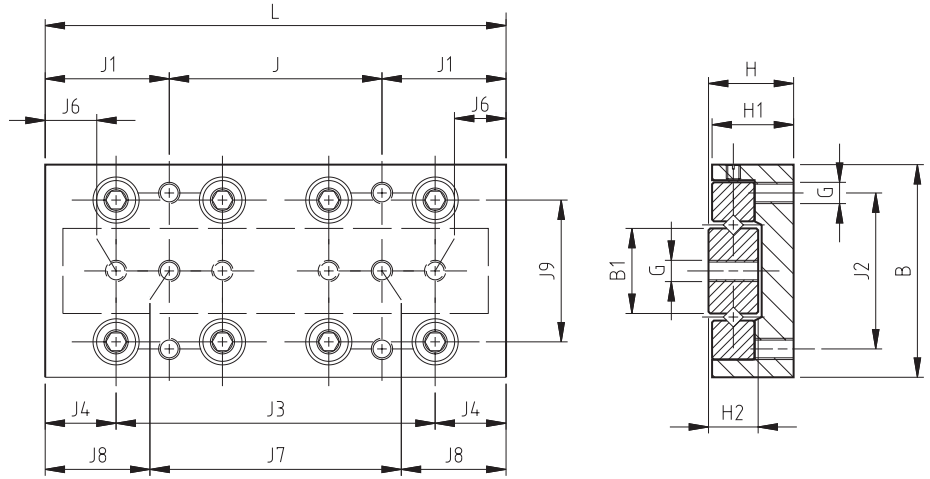


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| Designations | Dimensions | | | | | Fig | N | Load-carrying capacities | | Weight GA |
|--------------|----------------|----------------|----------------|----------------|---------------------|-----|-------|--------------------------|----------------|--------------|
| | J ₆ | J ₇ | J ₈ | J ₉ | with S ₁ | | | with S ₂ | | |
| | mm | | | | | | | C ₀ | C ₀ | |
| GCLA 2030 | 30 | 25 | - | - | 1 | 3.8 | 250 | - | 0.10 | |
| GCLA 2045 | 30 | 40 | - | - | 1 | 3.8 | 400 | 360 | 0.14 | |
| GCLA 2060 | 30 | 55 | - | - | 1 | 3.8 | 540 | 430 | 0.19 | |
| GCLA 2075 | 30 | 70 | - | - | 1 | 3.8 | 650 | 540 | 0.23 | |
| GCLA 2090 | 30 | 85 | 45 | - | 2 | 3.8 | 790 | 610 | 0.28 | |
| GCLA 2105 | 30 | 100 | 50 | - | 2 | 3.8 | 940 | 720 | 0.32 | |
| GCLA 2120 | 30 | 115 | 30 | - | 2 | 3.8 | 1080 | 790 | 0.37 | |
| GCLA 3050 | 40 | 35 | - | - | 1 | 4.8 | - | 2130 | 0.29 | |
| GCLA 3075 | 40 | 60 | - | - | 1 | 4.8 | 3830 | 2980 | 0.43 | |
| GCLA 3100 | 40 | 85 | - | - | 1 | 4.8 | 5100 | 3830 | 0.57 | |
| GCLA 3125 | 40 | 110 | - | - | 1 | 4.8 | 6380 | 4680 | 0.70 | |
| GCLA 3150 | 40 | 135 | 75 | - | 2 | 4.8 | 7650 | 5530 | 0.84 | |
| GCLA 3175 | 40 | 160 | 86 | - | 2 | 4.8 | 8930 | 6380 | 0.97 | |
| GCLA 3200 | 40 | 185 | 55 | - | 2 | 4.8 | 10200 | 7230 | 1.10 | |
| GCLA 6100 | 60 | 90 | - | - | 1 | 6.8 | 11700 | 9750 | 1.60 | |
| GCLA 6150 | 60 | 140 | - | - | 1 | 6.8 | 19500 | 15600 | 2.40 | |
| GCLA 6200 | 60 | 190 | 100 | - | 2 | 6.8 | 25350 | 19500 | 3.10 | |
| GCLA 6250 | 60 | 240 | 80 | - | 2 | 6.8 | 33150 | 23400 | 3.90 | |
| GCLA 6300 | 60 | 290 | 150 | - | 2 | 6.8 | 39000 | 29250 | 4.70 | |
| GCLA 6350 | 60 | 340 | 200 | 80 | 3 | 6.8 | 44850 | 33150 | 5.40 | |
| GCLA 6400 | 60 | 390 | 230 | 90 | 3 | 6.8 | 52650 | 37050 | 6.20 | |

RM

Standard slides fitted with either cross roller rail guides or V-guided ball cages, for manual positioning; the opposing V-rails are screwed to a steel base plate. Slide top and bottom carry a standard pattern of mounting holes.



| Designations | Dimensions | | | Stroke | | | | | | |
|--------------|------------|----|-----|--------|----------------|------|----------------|----------------|------|----------------|
| | B | H | L | S | B ₁ | G | H ₁ | H ₂ | J | J ₁ |
| mm | | | | | | | | | | |
| RM 1020 | 20 | 8 | 25 | 12 | 7 | M2.5 | 7.5 | 5 | 1×18 | 3.5 |
| RM 1030 | 20 | 8 | 35 | 18 | 7 | M2.5 | 7.5 | 5 | 1×28 | 3.5 |
| RM 1040 | 20 | 8 | 45 | 25 | 7 | M2.5 | 7.5 | 5 | 1×20 | 12.5 |
| RM 1050 | 20 | 8 | 55 | 32 | 7 | M2.5 | 7.5 | 5 | 1×30 | 12.5 |
| RM 2060 | 30 | 12 | 65 | 40 | 12 | M3 | 11.5 | 7 | 1×30 | 17.5 |
| RM 2075 | 30 | 12 | 80 | 50 | 12 | M3 | 11.5 | 7 | 1×45 | 17.5 |
| RM 2090 | 30 | 12 | 95 | 60 | 12 | M3 | 11.5 | 7 | 2×30 | 17.5 |
| RM 3100 | 40 | 16 | 105 | 60 | 16 | M4 | 15.5 | 9 | 1×50 | 27.5 |
| RM 3125 | 40 | 16 | 130 | 75 | 16 | M4 | 15.5 | 9 | 1×75 | 27.5 |
| RM 3150 | 40 | 16 | 155 | 90 | 16 | M4 | 15.5 | 9 | 2×50 | 27.5 |

continued

| Designations | Dimensions | | | | | | | | | Load-carrying capacities | Weight |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------------|--------|
| | J ₂ | J ₃ | J ₄ | J ₅ | J ₆ | J ₇ | J ₈ | J ₉ | C ₀ | | |
| | mm | | | | | | | | | N | kg |
| RM 1020 | 14 | 1×10 | 7.5 | 2×7.5 | 5 | 1×18 | 3.5 | 12.6 | 208 | 0.025 | |
| RM 1030 | 14 | 2×10 | 7.5 | 2×10 | 7.5 | 1×20 | 7.5 | 12.6 | 364 | 0.025 | |
| RM 1040 | 14 | 3×10 | 7.5 | 3×10 | 7.5 | 1×28 | 8.5 | 12.6 | 464 | 0.025 | |
| RM 1050 | 14 | 4×10 | 7.5 | 4×10 | 7.5 | 1×30 | 12.5 | 12.6 | 572 | 0.025 | |
| RM 2060 | 22 | 3×15 | 10 | 3×15 | 10 | - | - | 20 | 860 | 0.16 | |
| RM 2075 | 22 | 4×15 | 10 | 4×15 | 10 | - | - | 20 | 1032 | 0.19 | |
| RM 2090 | 22 | 5×15 | 10 | 5×15 | 10 | - | - | 20 | 1290 | 0.23 | |
| RM 3100 | 30 | 3×25 | 15 | 3×25 | 15 | - | - | 28.5 | 1904 | 0.46 | |
| RM 3125 | 30 | 4×25 | 15 | 4×25 | 15 | - | - | 28.5 | 2312 | 0.58 | |
| RM 3150 | 30 | 5×25 | 15 | 5×25 | 15 | - | - | 28.5 | 2856 | 0.69 | |

continued

Standard slides

Ordering key

| | | | | |
|-------------------------------------------------------------------------------------------------|------|--|--|-----------|
| | GCLA | | | |
| Type: | | | | |
| Standard slide with crossed roller assemblies of steel | | | | GCL |
| Standard slide with crossed roller assemblies of aluminium | | | | GCLA |
| Standard slide fitted with either cross roller guides or V-guided ball cages of steel | | | | RM |
| Size (see tables): | | | | |
| | | | | 1 |
| | | | | 2 |
| | | | | 3 |
| | | | | 6 |
| Rail length [mm] (see tables): | | | | |
| | | | | 020 - 400 |

Example:

| | | | | |
|------|--|---|--|-----|
| GCLA | | 6 | | 400 |
|------|--|---|--|-----|