

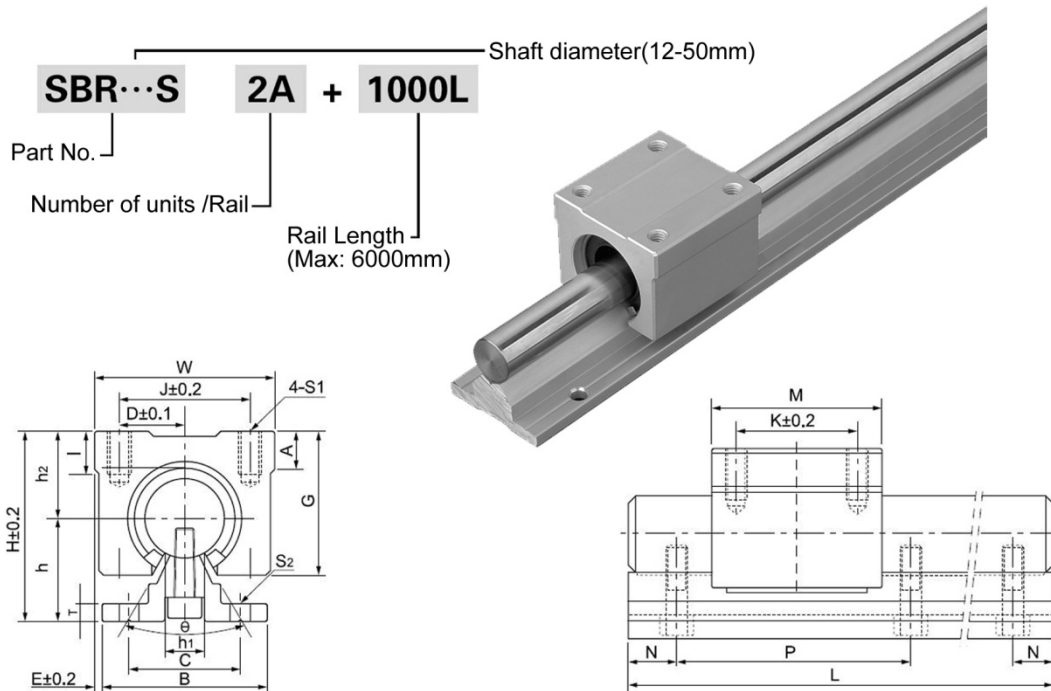
SBRxxUU and SBRxxLUU



**INFORMATION IS SPECIFIC TO OUR PRODUCTS AND CAN CAUSE
DAMAGE IF USED WITH NONE COMPATIBLE PRODUCTS SO PLEASE
CHECK WITH YOUR SUPPLIER FOR COMPATIBILITY**

These drawings are supplied as a guide no guarantees are implied or given.
Caution when wiring and check with a qualified professional if unsure.
Documentation will be updated amended at the discretion of CNC4YOU Ltd.

Support rail unit-SBR...S + SBR...UU (CE + SME...GUU)



| Part No. | | | | Shaft | Load rating | | Mass (kg) | | Dimension (mm) | | | | | | | | | | | | | | | | | |
|----------|------|----------|----------|-------|-------------|-------|-----------|------------|----------------|-------|-----|------|-----|-----|------|----|----|-----|-----|--------|----|----|------|----|---|-----|
| Rail | NB | Case | Ref NB | d(mm) | C(N) | Co(N) | Case | Rail(kg/m) | D | h | H | E | θ | W | G | A | B | T | M | S1×I | J | K | S2 | C | N | P |
| SBR10S | CE10 | SBR10 UU | SME10GUU | Ø10 | 370 | 550 | 0.065 | - | 18 | - | - | - | 80° | 36 | 24 | 7 | - | | 32 | M5×10 | 25 | 20 | - | - | - | - |
| SBR12S | CE12 | SBR12 UU | SME12GUU | Ø12 | 490 | 760 | 0.09 | 1.59 | 20 | 20.46 | 40 | - | 80° | 40 | 27.6 | 8 | 34 | 4.5 | 39 | M5×10 | 28 | 26 | Ø4.5 | 25 | - | 100 |
| SBR13S | CE13 | SBR13 UU | SME13GUU | Ø13 | 510 | 784 | 0.1 | | 20 | | | | 80° | 40 | 28 | 8 | | | 39 | M5×10 | 28 | 26 | | | | |
| SBR16S | CE16 | SBR16 UU | SME16GUU | Ø16 | 770 | 1170 | 0.15 | 2.55 | 22.5 | 25 | 45 | 2.5 | 80° | 45 | 33 | 9 | 40 | 5 | 45 | M5×12 | 32 | 30 | Ø5.5 | 30 | | 150 |
| SBR20S | CE20 | SBR20 UU | SME20GUU | Ø20 | 860 | 1370 | 0.2 | 3.5 | 24 | 27 | 50 | 1.5 | 60° | 48 | 39 | 11 | 45 | 5 | 50 | M6×12 | 35 | 35 | Ø5.5 | 30 | | 150 |
| SBR25S | CE25 | SBR25 UU | SME25GUU | Ø25 | 980 | 1560 | 0.45 | 5.3 | 30 | 33 | 60 | 2.5 | 50° | 60 | 47 | 14 | 55 | 6 | 65 | M6×12 | 40 | 40 | Ø6.6 | 35 | | 200 |
| SBR30S | CE30 | SBR30 UU | SME30GUU | Ø30 | 1560 | 2740 | 0.63 | 7.4 | 35 | 37 | 70 | 5 | 50° | 70 | 56 | 15 | 60 | 7 | 70 | M8×18 | 50 | 50 | Ø6.6 | 40 | | 200 |
| SBR35S | CE35 | SBR35 UU | SME35GUU | Ø35 | 1660 | 3130 | 0.92 | 10.05 | 40 | 43 | 80 | 7.5 | 50° | 80 | 63 | 18 | 65 | 8 | 80 | M8×18 | 55 | 55 | Ø9 | 45 | | 200 |
| SBR40S | CE40 | SBR40 UU | SME40GUU | Ø40 | 2150 | 4010 | 1.33 | 13.1 | 45 | 48 | 90 | 7.5 | 50° | 90 | 72 | 20 | 75 | 9 | 90 | M10×20 | 65 | 65 | Ø9 | 55 | | 200 |
| SBR50S | CE50 | SBR50UU | SME50UU | Ø50 | 3820 | 7930 | 3 | 20.65 | 60 | 62 | 115 | 12.5 | 60° | 120 | 91 | 25 | 95 | 11 | 110 | M10×20 | 94 | 80 | Ø11 | 70 | | 200 |

| Part No. | | Dimension (mm) | | | | | | | | | | Bearings | | Load (N) | | Mass |
|----------|----|----------------|----|-----|------|------|------------|-----|-----|----|----|------------|--|----------|------|------|
| | h2 | D | W | M | G | h1 | θ | K | S1 | I | A | | | C | Co | (kg) |
| SBR12LUU | | 20 | 40 | 75 | 27.6 | | 80° | 52 | M4 | | 8 | 2xLM12UUOP | | 1020 | 1540 | 0.2 |
| SBR16LUU | 20 | 22.5 | 45 | 85 | 33 | 10 | 80° | 60 | M5 | 12 | 9 | 2xLM16UUOP | | 1548 | 2360 | 0.3 |
| SBR20LUU | 23 | 24 | 48 | 96 | 39 | 10 | 60° | 70 | M6 | 12 | 11 | 2xLM20UUOP | | 1764 | 2740 | 0.4 |
| SBR25LUU | 27 | 30 | 60 | 130 | 47 | 11.5 | 50° | 100 | M6 | 12 | 14 | 2xLM25UUOP | | 1960 | 3140 | 0.9 |
| SBR30LUU | 33 | 35 | 70 | 140 | 56 | 14 | 50° | 110 | M8 | 18 | 15 | 2xLM30UUOP | | 3140 | 5480 | 1.26 |
| SBR40LUU | 42 | 45 | 90 | 175 | 72 | 19 | 50° | 140 | M10 | 20 | 20 | 2xLM40UUOP | | 4320 | 8040 | 2.66 |