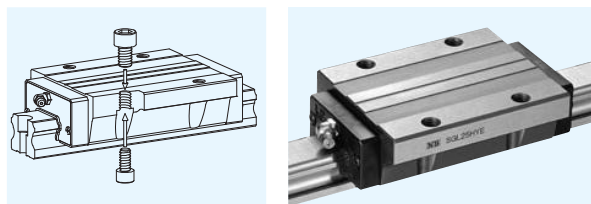


— High Rigidity Long Flange Type —



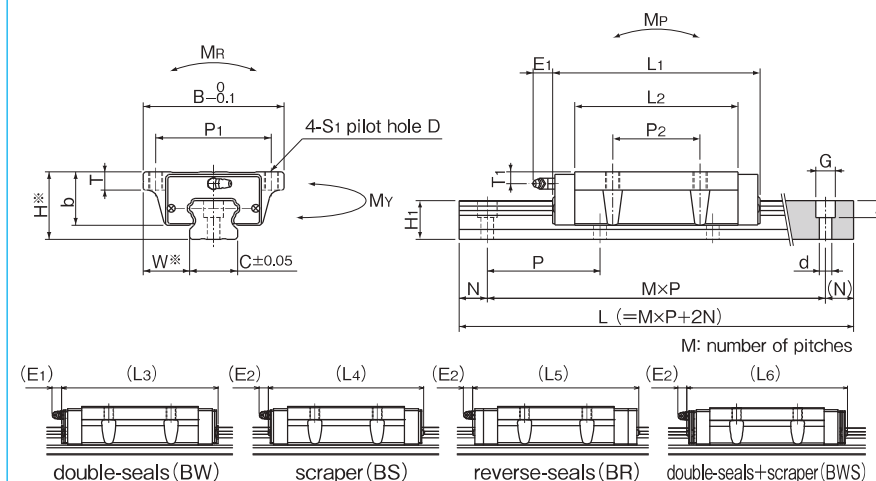
example **SGL 15 HYE B 2 T1 -589 P/W2 FS LB F J-KGLA**

P: precision

| part number | assembly dimensions |      |     | block dimensions |      |       |       |       |       |     |    |     |      |      |      |    |     |  |
|-------------|---------------------|------|-----|------------------|------|-------|-------|-------|-------|-----|----|-----|------|------|------|----|-----|--|
|             | H                   | W    | B   | L1               | L2   | L3    | L4    | L5    | L6    | P1  | P2 | S1  | D    | T    | b    | E1 | E2  |  |
|             | mm                  | mm   | mm  | mm               | mm   | mm    | mm    | mm    | mm    | mm  | mm |     | mm   | mm   | mm   | mm | mm  |  |
| SGL15HYE    | 24                  | 16   | 47  | 79               | 61   | 85.2  | 85.6  | 92.6  | 91.8  | 38  | 30 | M5  | 4.4  | 7.5  | 19.7 | 6  | 5.4 |  |
| SGL20HYE    | 30                  | 21.5 | 63  | 96               | 77.6 | 102.2 | 102.6 | 113.6 | 108.8 | 53  | 40 | M6  | 5.4  | 10.5 | 24   | 12 | 11  |  |
| SGL25HYE    | 36                  | 23.5 | 70  | 109              | 88   | 115.4 | 116.2 | 127.2 | 122.4 | 57  | 45 | M8  | 6.8  | 12.5 | 29   |    |     |  |
| SGL30HYE    | 42                  | 31   | 90  | 129              | 101  | 137.6 | 136.6 | 147.2 | 145.2 | 72  | 52 | M10 | 8.5  | 10   | 32.5 |    |     |  |
| SGL35HYE    | 48                  | 33   | 100 | 147              | 116  | 155.6 | 154.6 | 165.2 | 163.2 | 82  | 62 |     |      | 13   | 38   |    |     |  |
| SGL45HYE    | 60                  | 37.5 | 120 | 171              | 134  | 179.5 | 180   | 190.7 | 188.6 | 100 | 80 | M12 | 10.5 | 15   | 50   | 15 | 15  |  |

| part number | standard rail length<br>L mm |     |     |     |     |       |       |       |       |       |       |       |       |       |       |       |
|-------------|------------------------------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| SGL15       | 160                          | 220 | 280 | 340 | 400 | 460   | 520   | 580   | 640   | 700   | 760   | 820   | 880   | 940   | 1,000 | 1,120 |
| SGL20       | 220                          | 280 | 340 | 400 | 460 | 520   | 580   | 640   | 700   | 760   | 820   | 880   | 940   | 1,000 | 1,120 | 1,240 |
| SGL25       | 220                          | 280 | 340 | 400 | 460 | 520   | 580   | 640   | 700   | 760   | 820   | 880   | 940   | 1,000 | 1,120 | 1,240 |
| SGL30       | 280                          | 360 | 440 | 520 | 600 | 680   | 760   | 840   | 920   | 1,000 | 1,080 | 1,160 | 1,240 | 1,320 | 1,400 | 1,480 |
| SGL35       | 280                          | 360 | 440 | 520 | 600 | 680   | 760   | 840   | 920   | 1,000 | 1,080 | 1,160 | 1,240 | 1,320 | 1,400 | 1,480 |
| SGL45       | 570                          | 675 | 780 | 885 | 990 | 1,095 | 1,200 | 1,305 | 1,410 | 1,515 | 1,620 | 1,725 | 1,830 | 1,935 | 2,040 | 2,145 |

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| T <sub>1</sub> | grease fitting  | guide rail dimensions |    |             |      | P    | basic load rating |                       | allowable static moment |                 |                 | mass            |                | block size |
|----------------|-----------------|-----------------------|----|-------------|------|------|-------------------|-----------------------|-------------------------|-----------------|-----------------|-----------------|----------------|------------|
|                |                 | H <sub>1</sub>        | C  | d×G×h       | N    |      | dynamic C         | static C <sub>0</sub> | M <sub>P1</sub>         | M <sub>P2</sub> | M <sub>Y1</sub> | M <sub>Y2</sub> | M <sub>R</sub> |            |
| mm             |                 | mm                    | mm | mm          | mm   | mm   | kN                | kN                    | N·m                     | N·m             | N·m             | kg              | kg/m           |            |
| 5              | pressed fitting | 13.5                  | 15 | 4.5×7.5×5.3 | 20   | 60   | 14.6              | 25.6                  | 238<br>1,200            | 238<br>1,200    | 200             | 0.3             | 1.3            | 15         |
| 8              | B-M6F           | 16                    | 20 | 6×9.5×8.5   |      |      | 23.9              | 40.2                  | 467<br>2,250            | 467<br>2,250    | 432             | 0.7             | 2.1            | 20         |
| 9.5            |                 | 20                    | 23 | 7×11×9      |      |      | 32.8              | 54.5                  | 723<br>3,480            | 723<br>3,480    | 655             | 1.0             | 3.0            | 25         |
| 9              |                 | 24                    | 28 | 9×14×12     |      | 44.6 | 73.8              | 1,140<br>5,680        | 1,140<br>5,680          | 1,070           | 1.5             | 4.6             | 30             |            |
| 8.5            |                 | 27.5                  | 34 |             |      | 61.9 | 97.2              | 1,720<br>8,480        | 1,720<br>8,480          | 1,780           | 2.2             | 6.2             | 35             |            |
| 10             | B-PT1/8         | 36.5                  | 45 | 14×20×17    | 22.5 | 105  | 91.4              | 134                   | 2,680<br>13,300         | 2,680<br>13,300 | 3,080           | 4.0             | 10.5           | 45         |

|                                                 | maximum length<br>mm |
|-------------------------------------------------|----------------------|
| 1,240 1,360 1,480                               | 2,000                |
| 1,360 1,480 1,600 1,660 1,720 1,840 1,960       | 3,000                |
| 1,360 1,480 1,600 1,660 1,720 1,840 1,960       | 3,000                |
| 1,640 1,720 1,800 1,880 1,960                   | 3,000                |
| 1,640 1,720 1,800 1,880 1,960                   | 3,000                |
| 2,250 2,355 2,460 2,565 2,670 2,775 2,880 2,985 | 3,000                |