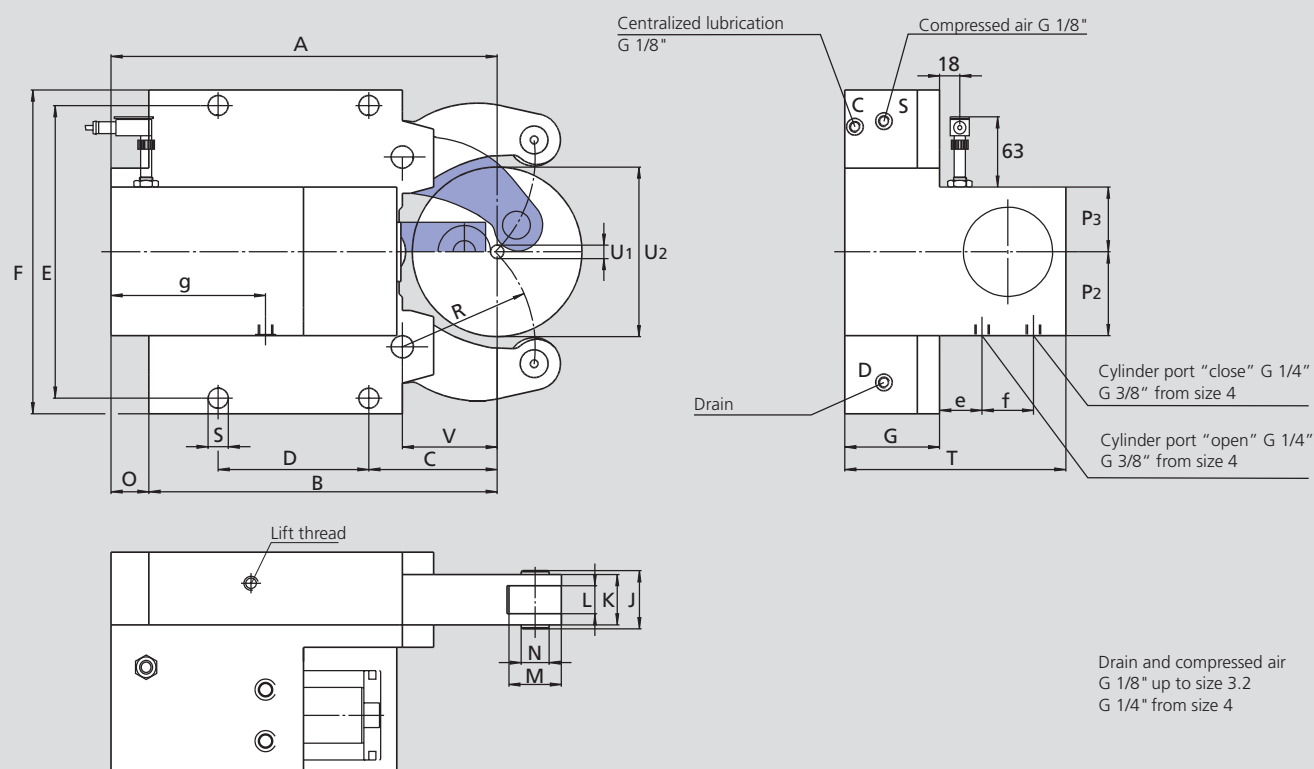


## Extra compact with side mounted cylinder

- Monitoring open/closed via proximity switch
- Special sizes on request

# SLU-B

Self-centering Steady Rests  
Standard Line



For more detailed information please ask for customer drawing

| SMW-AUTOBLOK Type<br>Size                 |                 | SLU-B<br>3 | SLU-B<br>3.1 | SLU-B<br>3.2 | SLU-B<br>4 | SLU-B<br>5 | SLU-B<br>5.1 | SLU-B<br>6 |
|-------------------------------------------|-----------------|------------|--------------|--------------|------------|------------|--------------|------------|
| Centering range without chip guard        | U1              | 12         | 20           | 50           | 35         | 50         | 90           | 125        |
|                                           | U2              | 152        | 165          | 200          | 245        | 310        | 350          | 460        |
| Centering range with chip guard 3-piece   | U1              | 21         | 20           | 50           | 35         | 50         | 90           | 125        |
|                                           | U2              | 150        | 165          | 200          | 245        | 310        | 350          | 460        |
|                                           | A               | 346        | 354          | 372.5        | 480        | 612.5      | 632.5        | 800        |
|                                           | B               | 312        | 320          | 335          | 448        | 510        | 530          | 709        |
|                                           | C               | 115        | 123          | 138          | 146        | 178        | 198          | 215        |
|                                           | D               | 135        | 135          | 135          | 240        | 270        | 270          | 330        |
|                                           | E               | 262        | 262          | 262          | 365        | 400        | 400          | 610/640    |
|                                           | F               | 290        | 290          | 290          | 400        | 440        | 440          | 680        |
|                                           | G               | 85         | 85           | 85           | 110        | 145        | 145          | 145        |
|                                           | J               | 52         | 52           | 52           | 67         | 83         | 83           | 83         |
|                                           | K               | 45         | 45           | 45           | 60         | 75         | 75           | 75         |
| Roller width                              | L               | 25         | 25           | 25           | 25         | 29         | 29           | 29         |
| Roller diameter                           | M               | 47         | 47           | 47           | 52         | 62         | 62           | 80         |
| Collar diameter                           | N               | 25         | 25           | 25           | 32         | 36         | 36           | 42         |
|                                           | O               | 34         | 34           | 37.5         | 32         | 102.5      | 102.5        | 91         |
|                                           | P2              | 75         | 75           | 75           | 68         | 85         | 85           | 100        |
|                                           | P3              | 58         | 58           | 58           | 68         | 85         | 85           | 85         |
|                                           | R               | 119        | 124          | 139          | 172        | 209        | 229          | 290        |
|                                           | S               | 18         | 18           | 18           | 23         | 23         | 23           | 27         |
|                                           | T               | 198        | 198          | 198          | 243.5      | 325        | 325          | 350        |
|                                           | V               | 85         | 93           | 103          | 128        | 160        | 180          | 175        |
|                                           | e               | 38         | 38           | 38           | 38.5       | 79.5       | 79.5         | 74.5       |
|                                           | f               | 46         | 46           | 46           | 66         | 66         | 66           | 96         |
|                                           | g               | 138.5      | 138.5        | 138.5        | 190        | 261        | 215          | 334.5      |
| Piston area*                              | cm <sup>2</sup> | 50         | 50           | 50           | 78         | 78         | 78           | 132        |
| Operation pressure min./max.              | bar             | 8/60       | 8/60         | 8/60         | 8/60       | 8/80       | 8/80         | 8/70       |
| Max. clamping force/roller                | daN             | 1000       | 1000         | 1000         | 1500       | 2000       | 2000         | 3000       |
| Centering accuracy within the whole range | mm              | 0.04       | 0.04         | 0.04         | 0.05       | 0.06       | 0.06         | 0.06       |
| Repeatability accuracy                    | mm              | 0.007      | 0.007        | 0.007        | 0.007      | 0.01       | 0.01         | 0.01       |
| Max. roller surface speed                 | m/min.          | 725        | 725          | 725          | 715        | 600        | 600          | 560        |
| Weight approx.                            | kg              | 45         | 46           | 48           | 106        | 175        | 178          | 483        |

\* On request cylinder differing from standard available  
Subject to technical changes!

|                               |                                |                                                |
|-------------------------------|--------------------------------|------------------------------------------------|
| <b>SLU-X®</b><br><b>SLU-B</b> | <b>SLUA®</b><br><b>SLUA®-B</b> | <b>■ Ordering review</b><br><b>■ Equipment</b> |
|-------------------------------|--------------------------------|------------------------------------------------|

| SLU-X Steady Rest with stroke control Steady Rest open via proximity switch (without proximity switch)* |         |        |        |        |        |        |        |        |        |   |
|---------------------------------------------------------------------------------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| Steady Rest size                                                                                        |         | 1      | 2      | 3      | 3.1    | 3.2    | 4      | 5      | 5.1    | 6 |
| <b>SLU-X-M</b><br>manual lubrication                                                                    | Id. No. | 127563 | 129001 | 129018 | 129196 | 129234 | 129141 | 129278 | 129291 | - |
| <b>SLU-X-Z</b><br>central lubrication oil                                                               | Id. No. | 127562 | 129000 | 129020 | 129195 | 129235 | 129140 | 129280 | 129292 | - |
| <b>SLU-X-OLD</b><br>central lubrication oil & air                                                       | Id. No. | 127564 | 129002 | 129019 | 129197 | 129236 | 129142 | 129279 | 129293 | - |
| <b>SLU-X-F</b><br>central grease lubrication                                                            | Id. No. | 129761 | 129762 | 129763 | 129764 | 129765 | 129766 | 129767 | 129768 | - |

| SLU Steady Rest with stroke control Steady Rest open / closed via proximity switch |         |        |        |        |        |        |        |        |        |        |
|------------------------------------------------------------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Steady Rest size                                                                   |         | 1      | 2      | 3      | 3.1    | 3.2    | 4      | 5      | 5.1    | 6      |
| <b>SLU-B-M</b><br>manual lubrication                                               | Id. No. | -      | -      | 029865 | 029866 | -      | 029867 | 029868 | 029909 | 029869 |
| <b>SLU-B-Z</b><br>central lubrication oil                                          | Id. No. | -      | -      | 029855 | 029856 | 123929 | 029857 | 029858 | 029908 | 029859 |
| <b>SLU-B-Z-OLD</b><br>central lubrication oil & air                                | Id. No. | -      | -      | 029875 | 029876 | -      | 029877 | 029878 | 029910 | 029879 |
| <b>SLUA-M</b><br>manual lubrication                                                | Id. No. | 024458 | 024459 | 024460 | 024461 | -      | 122546 | 024463 | -      | 026591 |
| <b>SLUA-Z</b><br>central lubrication oil                                           | Id. No. | 024482 | 024483 | 024673 | 024674 | -      | 122545 | 024485 | -      | 026593 |
| <b>SLUA-Z-OLD</b><br>central lubrication oil & air                                 | Id. No. | 027656 | 027657 | 027658 | 027659 | -      | 122547 | 027661 | -      | 027662 |
| <b>SLUA-B-M</b><br>manual lubrication                                              | Id. No. | -      | -      | 029870 | 029871 | -      | 029872 | 029873 | -      | 029874 |
| <b>SLUA-B-Z</b><br>central lubrication oil                                         | Id. No. | -      | -      | 029860 | 029861 | -      | 029862 | 029863 | -      | 029864 |
| <b>SLUA-B-Z-OLD</b><br>central lubrication oil & air                               | Id. No. | -      | -      | 029880 | 029881 | -      | 029882 | 029883 | -      | 029884 |

Option: Linear diameter measuring system SCU-A/SCU-V

## Type SLU-X, SLUA

■ denotes features included in standard range without extra charge

| Steady Rest size               | 1 | 2 | 3 | 3.1 | 3.2 | 4 | 5 | 5.1 | 6 |
|--------------------------------|---|---|---|-----|-----|---|---|-----|---|
| Fully sealed body (only SLU-X) | ■ | ■ | ■ | ■   | ■   | ■ | ■ | ■   | - |
| Safety valve                   | ■ | ■ | ■ | ■   | ■   | ■ | ■ | ■   | ■ |
| Stroke control (open position) | ■ | ■ | ■ | ■   | ■   | ■ | ■ | ■   | ■ |
| 1 set swarf guard 3-piece      | ■ | ■ | ■ | ■   | ■   | ■ | ■ | ■   | ■ |
| 1 set cylindrical rollers      | ■ | ■ | ■ | ■   | ■   | ■ | ■ | ■   | ■ |
| Connection for compressed air  | ■ | ■ | ■ | ■   | ■   | ■ | ■ | ■   | ■ |

## Type SLU-B, SLUA-B

■ denotes features included in standard range without extra charge

| Steady Rest size              | 1 | 2 | 3 | 3.1 | 3.2 | 4 | 5 | 5.1 | 6 |
|-------------------------------|---|---|---|-----|-----|---|---|-----|---|
| Safety valve                  | - | - | ■ | ■   | ■   | ■ | ■ | ■   | ■ |
| Stroke control                | - | - | ■ | ■   | ■   | ■ | ■ | ■   | ■ |
| 1 set swarf guard 3-piece     | - | - | ■ | ■   | ■   | ■ | ■ | ■   | ■ |
| 1 set cylindrical rollers     | - | - | ■ | ■   | ■   | ■ | ■ | ■   | ■ |
| Connection for compressed air | - | - | ■ | ■   | ■   | ■ | ■ | ■   | ■ |

\*Stroke control open / closed on request

- Ordering review
- Accessories and wearing parts

**SLU-X®**  
**SLU-B**

**SLUA®**  
**SLUA®-B**

## Accessories and wearing parts

### Type SLU-X, SLU-B, SLUA, SLUA-B

◆ denotes wearing parts, recommended stock items

| Steady Rest size                                                                                                          |  | 1             | 2      | 3      | 3.1    | 3.2    | 4      | 5      | 5.1    | 6      |
|---------------------------------------------------------------------------------------------------------------------------|--|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Compact lubrication system for oil pressure lubrication Container 2.7 l, 220 V *, **                                      |  | 088707        | 088707 | 088707 | 088707 | 088707 | 088707 | 088707 | 088707 | 088707 |
| Compact lubrication system for oil & air lubrication Container 2.7 l, 220 V *, **                                         |  | 088708        | 088708 | 088708 | 088708 | 088708 | 088708 | 088708 | 088708 | 088708 |
| Eccenter fine adjustment compl. at lever arm (2 pcs. per Steady Rest) manual/central lubrication (SLU-A / SLU-B / SLU-AB) |  | not available | 026120 | 018437 | 018437 | 018437 | 018444 | 018450 | 018450 | 026595 |
| Eccenter fine adjustment compl. at lever arm (2 pcs. per Steady Rest) manual/central lubrication (SLU-X)                  |  | not available | 127237 | 127240 | 127240 | 127240 | 128474 | 128584 | 128584 | -      |
| Inductive limit switch                                                                                                    |  | 087926        | 087926 | 087926 | 087926 | 087926 | 087926 | 087926 | 087926 | 087926 |
| Swarf guard spring-loaded (SLU-A / SLU-B / SLU-AB)                                                                        |  | ◆ 025781      | 025760 | 025759 | 025759 | 025759 | 025758 | 025757 | 025757 | 026596 |
| Swarf guard 3-piece (SLU-A / SLU-B / SLU-AB)                                                                              |  | ◆ 026115      | 026116 | 026117 | 026117 | 026117 | 026118 | 026119 | 026119 | 026597 |
| Swarf guard 3-piece (SLU-X)                                                                                               |  | ◆ 126171      | 026116 | 026117 | 026117 | 026117 | 026118 | 026119 | 026119 | -      |
| Roller stripper (2-piece) for middle piece (SLU-A / SLU-B / SLU-AB)                                                       |  | ◆ 029795      | 029796 | 029797 | 029797 | 029797 | 029798 | 029799 | 029799 | 029800 |
| Roller stripper (2-piece) for middle piece (SLU-X)                                                                        |  | ◆ 200155      | 200154 | 198950 | 198950 | 198950 | 196199 | 196200 | 196200 | -      |
| Rollers cylindrical design (SLU-A / SLU-B / SLU-AB)                                                                       |  | ◆ 017869      | 016952 | 016951 | 016951 | 016951 | 016953 | 018345 | 018345 | 026594 |
| Rollers cylindrical design (SLU-X)                                                                                        |  | ◆ 023122      | 016952 | 016951 | 016951 | 016951 | 016953 | 018345 | 018345 | -      |
| Rollers spherical design for travelling Steady Rest (SLU-A / SLU-B / SLU-AB)                                              |  | ◆ 016900      | 017658 | 018433 | 018433 | 018433 | 018443 | 019545 | 019545 | 121302 |
| Rollers spherical design for travelling Steady Rest (SLU-X)                                                               |  | ◆ 028738      | 017658 | 018433 | 018433 | 018433 | 018443 | 019545 | 019545 | -      |
| Adjustment device 1 set = 3 pieces                                                                                        |  | -             | -      | 200178 | 200178 | 200178 | 200179 | 200179 | 200179 | 200179 |

\* When placing an order please advise voltage

\*\* On request 110 V available