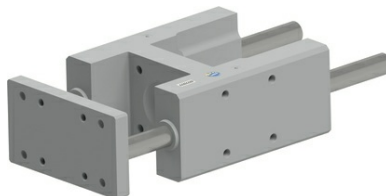


## Linear guide for ISO cylinders with accessories Series GLH



|               |                                                                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Design type   | Linear guide for mounting on cylinders according to ISO 6432, ISO 15552                                                                            |
| Body          | anodized aluminum                                                                                                                                  |
| Guide rods    | Steel chrome-plated and ground or Hardened steel, chrome-plated and ground                                                                         |
| Plain bearing | Brass or Ball bearing                                                                                                                              |
| Note          | All linear guides are equipped with wiper seals<br>CAD files are available in the STASTO Store at <a href="http://www.stasto.eu">www.stasto.eu</a> |

### Type code

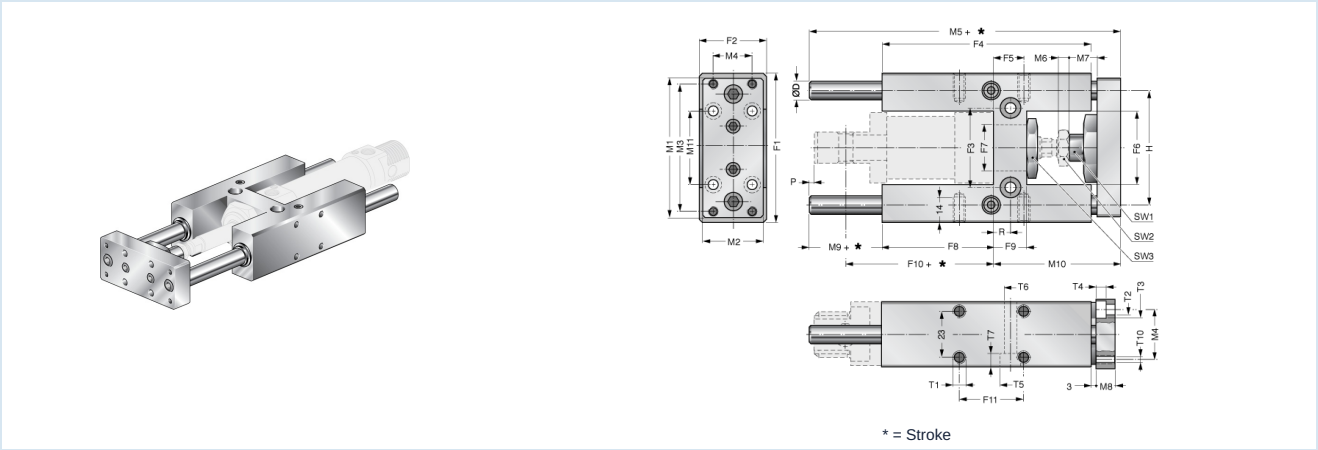
| GLH      | Stroke [mm] | Bearing                                                     |
|----------|-------------|-------------------------------------------------------------|
| 20 ø20   | 20          | BS with brass plain bearing, Chrome-plated steel, ground    |
| 25 ø25   | 25          | BB with ball bearing, Hardened steel, chrome-plated, ground |
| 32 ø32   | 32          |                                                             |
| 40 ø40   | 40          |                                                             |
| 50 ø50   | 50          |                                                             |
| 63 ø63   | 63          |                                                             |
| 80 ø80   | 80          |                                                             |
| 100 ø100 | 100         |                                                             |

### Standard strokes, Weight

| Ø                         | 25 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 | 400 | 500 | Weight approx.<br>for Stroke "0mm" [kg] | Weight to be added<br>per 100 mm stroke approx. [kg] |
|---------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------------------------------|------------------------------------------------------|
| 20                        | •  | •  | •  | •   | •   | •   | •   | •   |     |     |     | 0,785                                   | 0,122                                                |
| 25                        | •  | •  | •  | •   | •   | •   | •   | •   |     |     |     | 0,785                                   | 0,122                                                |
| 32                        | •  | •  | •  | •   | •   | •   | •   | •   |     |     |     | 1,3                                     | 0,176                                                |
| 40                        | •  | •  | •  | •   | •   | •   | •   | •   | •   | •   | •   | 2,3                                     | 0,312                                                |
| 50                        | •  | •  | •  | •   | •   | •   | •   | •   | •   | •   | •   | 3,6                                     | 0,490                                                |
| 63                        | •  | •  | •  | •   | •   | •   | •   | •   | •   | •   | •   | 4,5                                     | 0,490                                                |
| 80                        | •  | •  | •  | •   | •   | •   | •   | •   | •   | •   | •   | 8,7                                     | 0,765                                                |
| 100                       | •  | •  | •  | •   | •   | •   | •   | •   | •   | •   | •   | 11,0                                    | 0,765                                                |
| Special stroke on request |    |    |    |     |     |     |     |     |     |     |     |                                         |                                                      |



Linear guide Ø20 and 25

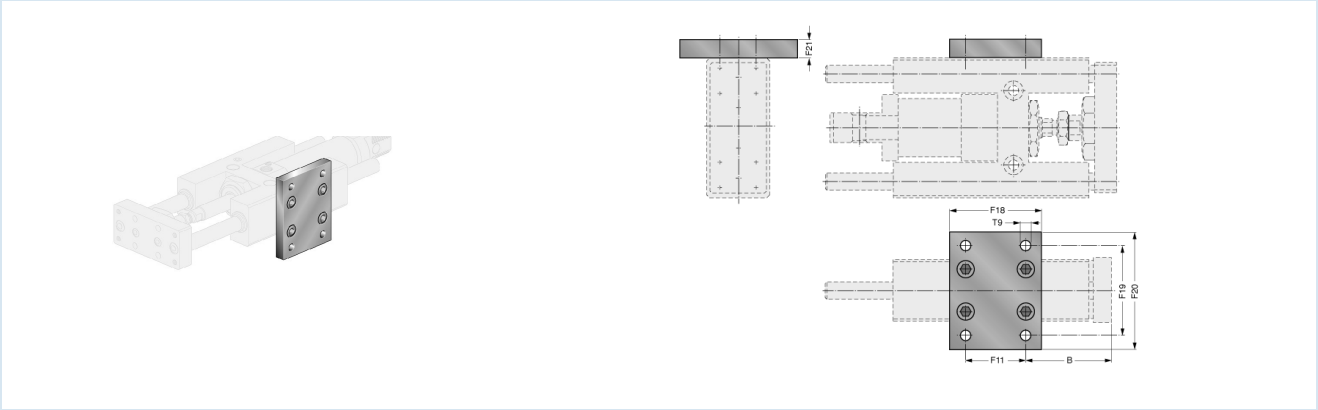


| Ø  | ØD | H  | R   | P | F1 | F2 | F3 | F4  | F5 | F6 | ØF7 | F8 | F9 | F10 | F11  | M1 | M2 | M3 | M4 | Type     |
|----|----|----|-----|---|----|----|----|-----|----|----|-----|----|----|-----|------|----|----|----|----|----------|
| 20 | 10 | 58 | 8,5 | 6 | 79 | 34 | 38 | 108 | 15 | 37 | 22  | 58 | 17 | 71  | 32,5 | 76 | 32 | 68 | 20 | GLH20... |
| 25 | 10 | 58 | 8,5 | 1 | 79 | 34 | 38 | 108 | 15 | 37 | 22  | 58 | 17 | 76  | 32,5 | 76 | 32 | 68 | 20 | GLH25... |

| Ø  | M5  | M6 | M7 | M8 | M9 | M10 | M11 | ØT1 | ØT2 | ØT3 | T4  | ØT5  | ØT6 | T7 | ØT10 | SW1 | SW2 | SW3 | Type     |
|----|-----|----|----|----|----|-----|-----|-----|-----|-----|-----|------|-----|----|------|-----|-----|-----|----------|
| 20 | 160 | 5  | 22 | 12 | 37 | 65  | 40  | M6  | 5,5 | 9   | 5,5 | 10,5 | 6,5 | 7  | M5   | 13  | 13  | 27  | GLH20... |
| 25 | 160 | 6  | 17 | 12 | 37 | 65  | 40  | M6  | 5,5 | 9   | 5,5 | 10,5 | 6,5 | 7  | M5   | 13  | 13  | 27  | GLH25... |

Adapter for Ø12 and Ø16 see table Adapter sets

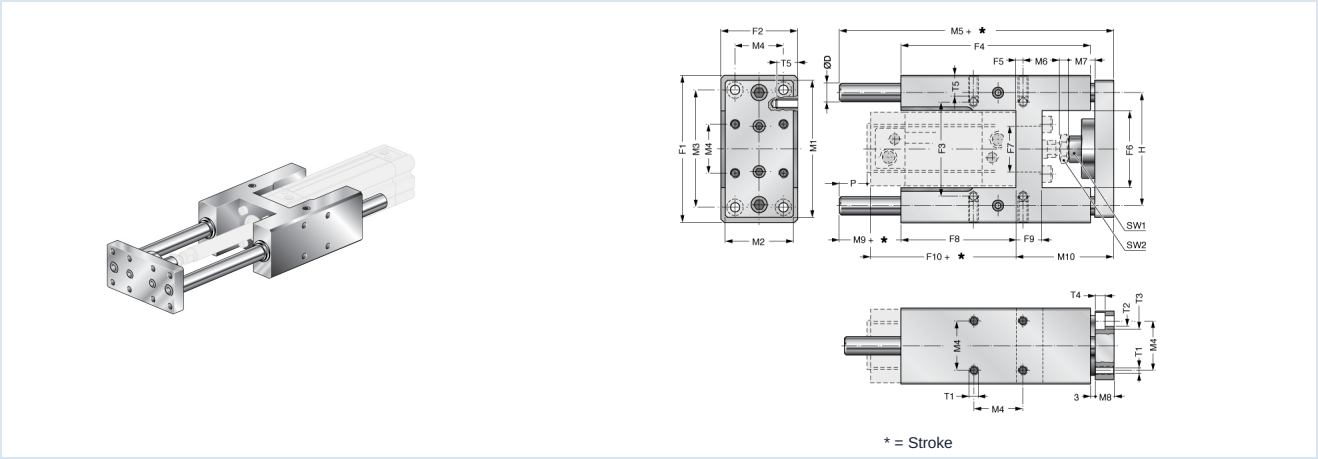
Mounting plate for linear guide Ø20 and 25



| Ø     | B  | F11  | F18 | F19 | F20 | F21 | ØT9 | Weight [kg] | Type     |
|-------|----|------|-----|-----|-----|-----|-----|-------------|----------|
| 20/25 | 50 | 32,5 | 50  | 50  | 64  | 10  | 6,5 | 0,27        | GLH2025P |

Material: galvanized steel  
Scope of delivery: incl. 4 Mounting screws

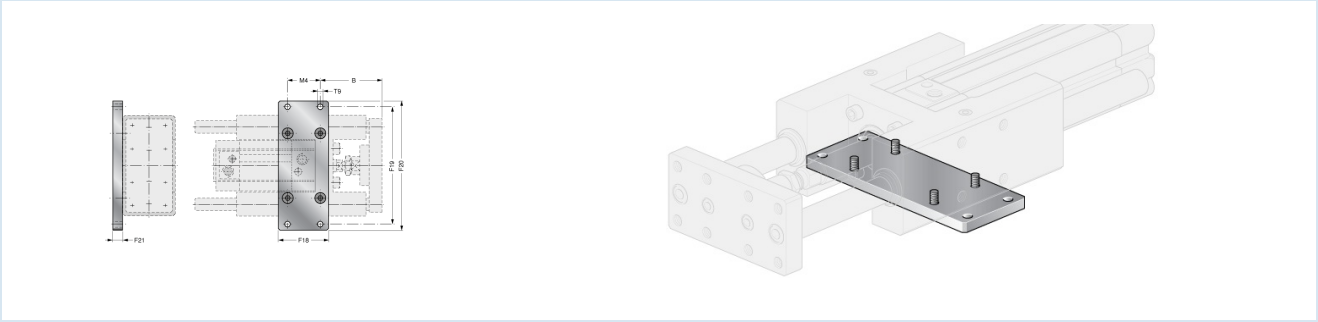
Linear guide Ø32...100



| Ø   | D  | F1  | F2  | F3  | F4  | F5   | F6    | ØF7 | F8  | F9 | F10 | H   | M1  | M2  | M3  | M4   | M5  | M6 | M7 | M8 | M9 | M10 | P  | ØT1 | ØT2 | ØT3  | T4  | T5 | SW1 | SW2 | Type      |
|-----|----|-----|-----|-----|-----|------|-------|-----|-----|----|-----|-----|-----|-----|-----|------|-----|----|----|----|----|-----|----|-----|-----|------|-----|----|-----|-----|-----------|
| 32  | 12 | 97  | 50  | 61  | 125 | 4,3  | 50,2  | 30  | 76  | 17 | 94  | 74  | 90  | 45  | 78  | 32,5 | 177 | 6  | 17 | 12 | 37 | 64  | 15 | M6  | 6,5 | 10,5 | 6,5 | 14 | 13  | 17  | GLH32...  |
| 40  | 16 | 115 | 58  | 69  | 140 | 11   | 58,2  | 35  | 81  | 21 | 105 | 87  | 110 | 54  | 84  | 38   | 192 | 7  | 22 | 12 | 37 | 74  | 9  | M6  | 6,5 | 10,5 | 6,5 | 14 | 15  | 19  | GLH40...  |
| 50  | 20 | 137 | 70  | 85  | 150 | 18,8 | 70,2  | 40  | 79  | 26 | 106 | 104 | 130 | 63  | 100 | 46,5 | 205 | 8  | 26 | 15 | 37 | 89  | 8  | M8  | 8,5 | 13,5 | 9   | 16 | 22  | 24  | GLH50...  |
| 63  | 20 | 152 | 85  | 100 | 182 | 15,3 | 85,2  | 45  | 111 | 26 | 121 | 119 | 145 | 80  | 105 | 56,5 | 237 | 8  | 26 | 15 | 37 | 88  | 23 | M8  | 8,5 | 13,5 | 9   | 16 | 22  | 24  | GLH63...  |
| 80  | 25 | 189 | 105 | 130 | 215 | 21   | 105,4 | 45  | 128 | 34 | 128 | 148 | 180 | 100 | 130 | 72   | 280 | 9  | 32 | 20 | 42 | 110 | 40 | M10 | 11  | 18   | 11  | 20 | 27  | 30  | GLH80...  |
| 100 | 25 | 213 | 130 | 150 | 220 | 24,5 | 130,4 | 55  | 128 | 39 | 138 | 173 | 200 | 120 | 150 | 89   | 280 | 9  | 32 | 20 | 37 | 115 | 25 | M10 | 11  | 18   | 11  | 20 | 27  | 30  | GLH100... |

Adapter for Ø20 and Ø25 see table Adapter sets

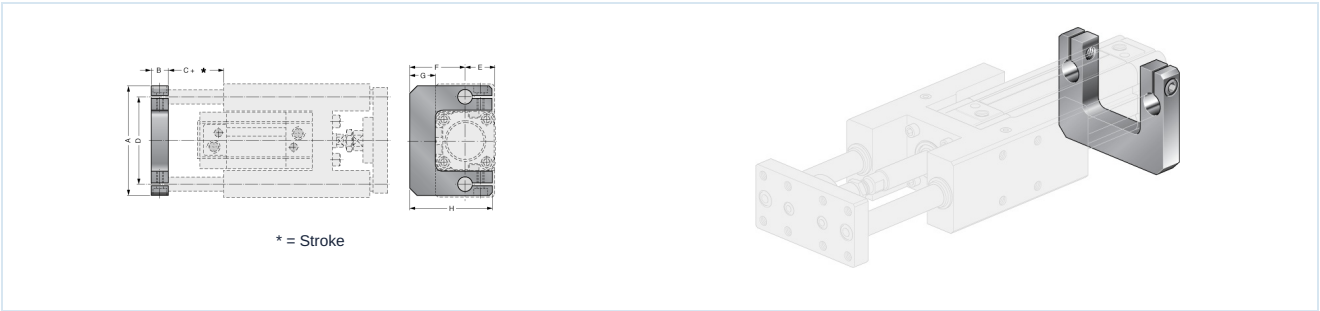
Mounting plate for linear guide Ø32...100



| Ø   | B    | M4   | F18 | F19 | F20 | F21 | ØT9 | Weight [kg] | Type    |
|-----|------|------|-----|-----|-----|-----|-----|-------------|---------|
| 32  | 59,7 | 32,5 | 50  | 116 | 130 | 10  | 6,5 | 0,5         | GLH32P  |
| 40  | 63   | 38   | 55  | 140 | 160 | 10  | 9   | 0,7         | GLH40P  |
| 50  | 70,2 | 46,5 | 70  | 160 | 180 | 12  | 9   | 1,2         | GLH50P  |
| 63  | 73,7 | 56,5 | 80  | 175 | 195 | 12  | 9   | 1,48        | GLH63P  |
| 80  | 89   | 72   | 100 | 218 | 242 | 15  | 12  | 2,85        | GLH80P  |
| 100 | 90,5 | 89   | 120 | 245 | 272 | 15  | 14  | 3,9         | GLH100P |

Material: galvanized steel  
Scope of delivery: incl. 4 Mounting screws

Flange mounting for tie rods RFGLH



| Ø       | A   | B  | C  | D   | E    | F     | G    | H   | Weight [kg] | Type       |
|---------|-----|----|----|-----|------|-------|------|-----|-------------|------------|
| 25 / 25 | 78  | 12 | 22 | 58  | 16,5 | 37,5  | 13,5 | 54  | 0,11        | RFGLH20/25 |
| 32      | 95  | 15 | 22 | 74  | 25   | 47    | 22   | 70  | 0,17        | RFGLH32    |
| 40      | 113 | 20 | 17 | 87  | 29   | 54    | 25   | 80  | 0,31        | RFGLH40    |
| 50      | 134 | 20 | 17 | 104 | 35   | 67,5  | 32,5 | 100 | 0,46        | RFGLH50    |
| 63      | 149 | 20 | 17 | 119 | 42,5 | 80,5  | 38   | 120 | 0,6         | RFGLH63    |
| 80      | 185 | 25 | 12 | 148 | 52,5 | 101,5 | 49   | 150 | 1,15        | RFGLH80    |
| 100     | 209 | 25 | 12 | 173 | 65   | 116   | 51   | 165 | 1,35        | RFGLH100   |

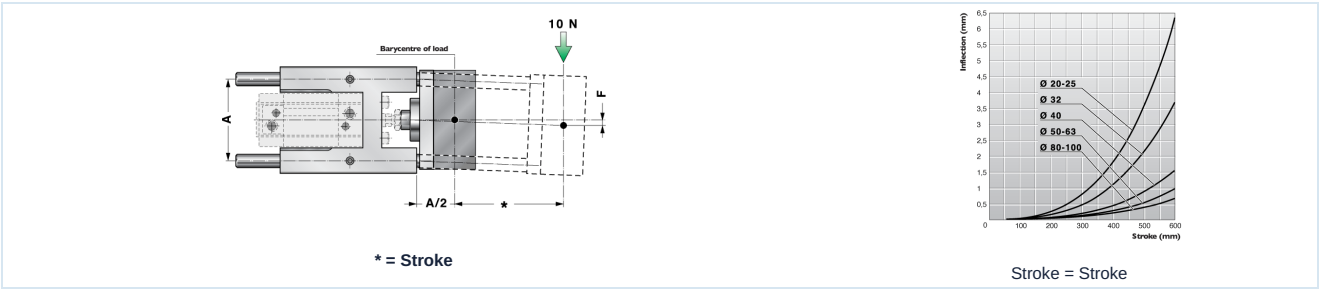
Material: Aluminium  
Scope of delivery: incl. 2 Clamping screws

Adapter sets

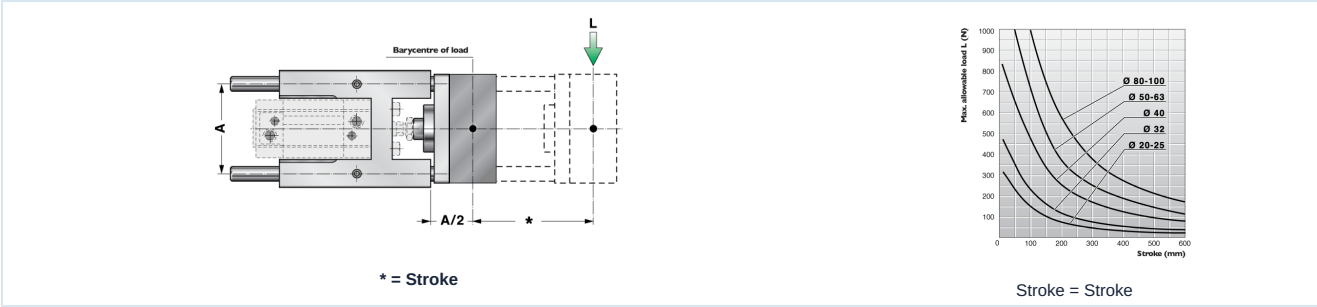
|  | Linear guide Type | Ø12               | Ø16                | Ø20                | Ø25                | Ø32               | Ø40               | Ø50                 | Ø63                 | Ø80 | Ø100 |
|--|-------------------|-------------------|--------------------|--------------------|--------------------|-------------------|-------------------|---------------------|---------------------|-----|------|
|  | GLH20../GLH25..   | RF25/12<br>N12/25 | RF25/16<br>NC16/25 | X                  | X                  |                   |                   |                     |                     |     |      |
|  | GLH32..           |                   |                    | RF32/20<br>NC20/32 | RF32/25<br>NC25/32 | X                 |                   |                     |                     |     |      |
|  | GLH40..           |                   |                    | RF40/20<br>N20/40  | RF40/25<br>N25/40  | •                 | X                 |                     |                     |     |      |
|  | GLH50..           |                   |                    |                    |                    | RF50/32<br>N32/50 | •                 | X                   |                     |     |      |
|  | GLH63..           |                   |                    |                    |                    | RF63/32<br>N32/63 | RF63/40<br>N40/63 | •                   | X                   |     |      |
|  | GLH80..           |                   |                    |                    |                    |                   | RF80/40<br>N40/80 | RF80/50<br>N50/80   | •                   | X   |      |
|  | GLH100..          |                   |                    |                    |                    |                   |                   | RF100/50<br>N50/100 | RF100/63<br>N63/100 | •   | X    |

- available on request
- X without adapter

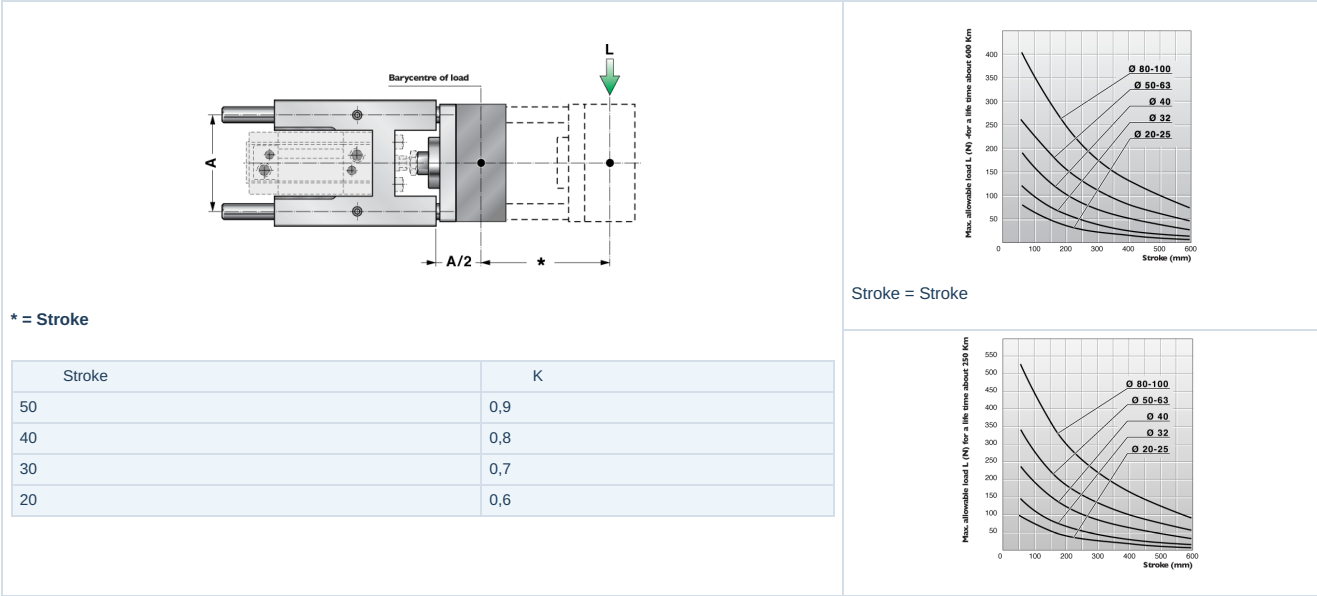
Bend GLH BB-BS



Maximum load GLH BS



Maximum load GLH BB : For strokes under 60 mm, the maximum load L must be multiplied by the reduction factor K.



Illustrations non-binding  
Design, dimensional and material changes reserved