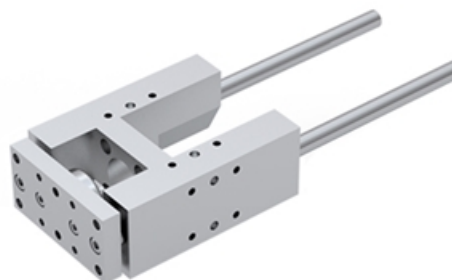


## Guiding Unit GUH

\* The moved mass of GUH is already considered in the equation for calculating the mass of GUH  $m_{GUH}$ .

Dimensions in mm.

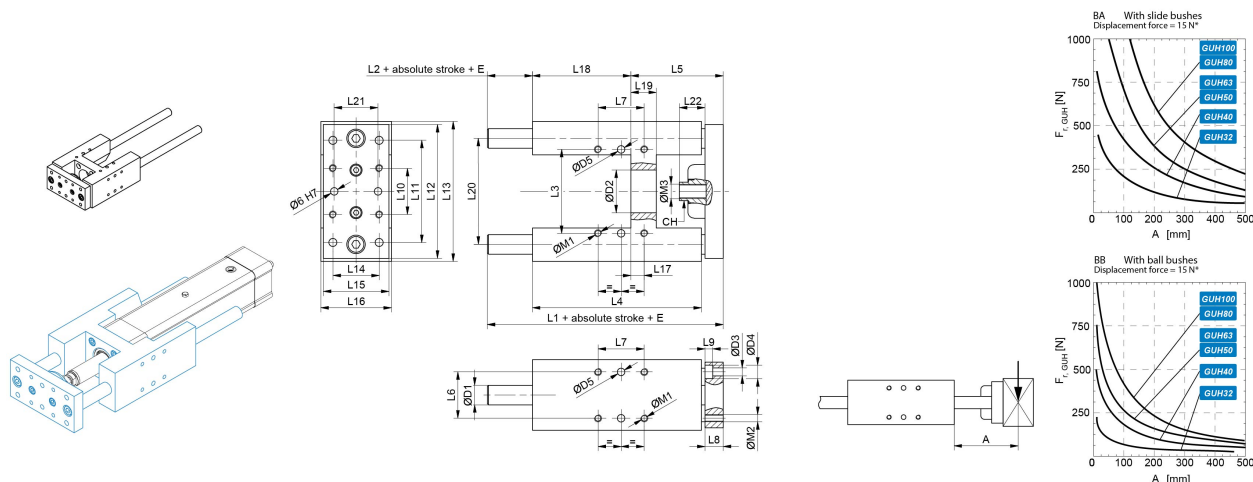
**Material:** Body in aluminium. Guides in steel.



## General Data

| Designation    | Compatible with | Mass of GUH mGUH (kg)                            | Moved Mass of GUH Mm GUH (kg)                   |
|----------------|-----------------|--------------------------------------------------|-------------------------------------------------|
| <b>GUH 32</b>  | PNCE 32         | $1.57 + 0.0017 \times (\text{Abs. stroke} + E)$  | $0.86 + 0.0017 \times (\text{Abs. stroke} + E)$ |
| <b>GUH 40</b>  | PNCE 40         | $2.48 + 0.0031 \times (\text{Abs. stroke} + E)$  | $1.32 + 0.0031 \times (\text{Abs. stroke} + E)$ |
| <b>GUH 50</b>  | PNCE 50         | $4.18 + 0.0047 \times (\text{Abs. stroke} + E)$  | $2.47 + 0.0047 \times (\text{Abs. stroke} + E)$ |
| <b>GUH 63</b>  | PNCE 63         | $5.54 + 0.0047 \times (\text{Abs. stroke} + E)$  | $2.90 + 0.0047 \times (\text{Abs. stroke} + E)$ |
| <b>GUH 80</b>  | PNCE 80         | $10.72 + 0.0070 \times (\text{Abs. stroke} + E)$ | $5.66 + 0.0070 \times (\text{Abs. stroke} + E)$ |
| <b>GUH 100</b> | PNCE 100        | $13.42 + 0.0070 \times (\text{Abs. stroke} + E)$ | $6.42 + 0.0070 \times (\text{Abs. stroke} + E)$ |

## Dimensions



| Designation | L1  | L2 | L3  | L4  | L5  | L6   | L7   | L8 | L9   |
|-------------|-----|----|-----|-----|-----|------|------|----|------|
| GUH 32      | 177 | 37 | 61  | 125 | 64  | 32.5 | 32.5 | 12 | 6.5  |
| GUH 40      | 192 | 37 | 69  | 139 | 74  | 38   | 38   | 15 | 6.5  |
| GUH 50      | 205 | 38 | 85  | 148 | 89  | 46.5 | 46.5 | 15 | 8.5  |
| GUH 63      | 237 | 38 | 100 | 182 | 88  | 56.5 | 56.5 | 15 | 8.5  |
| GUH 80      | 280 | 42 | 130 | 215 | 110 | 72   | 72   | 20 | 10.5 |
| GUH 100     | 280 | 37 | 130 | 220 | 115 | 89   | 89   | 20 | 10.5 |

| Designation | L10  | L11 | L12 | L13 | L14  | L15 | L16 | L17  | L18 | L19 |
|-------------|------|-----|-----|-----|------|-----|-----|------|-----|-----|
| GUH 32      | 32.5 | 78  | 90  | 97  | 32.5 | 45  | 49  | 4.3  | 76  | 17  |
| GUH 40      | 38   | 84  | 110 | 115 | 38   | 54  | 58  | 11   | 81  | 21  |
| GUH 50      | 46.5 | 100 | 130 | 137 | 46.5 | 63  | 69  | 18.5 | 78  | 26  |
| GUH 63      | 56.5 | 105 | 145 | 152 | 56.5 | 79  | 85  | 15.3 | 111 | 26  |
| GUH 80      | 72   | 130 | 180 | 189 | 72   | 99  | 105 | 21   | 128 | 34  |
| GUH 100     | 89   | 150 | 200 | 213 | 89   | 120 | 129 | 24.5 | 128 | 39  |

| Designation | L20 | L21 | L22 | D1   | D2   | D3    | D4     | D5            | M1         | M2    |
|-------------|-----|-----|-----|------|------|-------|--------|---------------|------------|-------|
| GUH 32      | 74  | 31  | 18  | Ø 12 | Ø 30 | Ø 6.5 | Ø 10.5 | Ø 6 × 6 (H7)  | Ø M6 × 12  | Ø M6  |
| GUH 40      | 87  | 36  | 21  | Ø 16 | Ø 35 | Ø 6.5 | Ø 10.5 | Ø 6 × 10 (H7) | Ø M6 × 12  | Ø M6  |
| GUH 50      | 104 | 45  | 24  | Ø 20 | Ø 40 | Ø 8.5 | Ø 13.5 | Ø 6 × 10 (H7) | Ø M8 × 16  | Ø M8  |
| GUH 63      | 119 | 45  | 24  | Ø 20 | Ø 45 | Ø 8.5 | Ø 13.5 | Ø 6 × 10 (H7) | Ø M8 × 16  | Ø M8  |
| GUH 80      | 148 | 56  | 31  | Ø 25 | Ø 60 | Ø 11  | Ø 17   | Ø 6 × 10 (H7) | Ø M10 × 18 | Ø M10 |
| GUH 100     | 172 | 56  | 31  | Ø 25 | Ø 70 | Ø 11  | Ø 17   | Ø 6 × 10 (H7) | Ø M10 × 18 | Ø M10 |

## Dimensions

| Designation | M3           | CH |
|-------------|--------------|----|
| GUH 32      | Ø M10 × 1.25 | 15 |
| GUH 40      | Ø M12 × 1.25 | 15 |
| GUH 50      | Ø M16 × 1.5  | 22 |
| GUH 63      | Ø M16 × 1.5  | 22 |
| GUH 80      | Ø M20 × 1.5  | 27 |
| GUH 100     | Ø M20 × 1.5  | 27 |