

## Specification

|                      |                                  |       |       |       |       |       |        |         |         |         |  |
|----------------------|----------------------------------|-------|-------|-------|-------|-------|--------|---------|---------|---------|--|
| Standard             | ISO 6022-DIN 24333               |       |       |       |       |       |        |         |         |         |  |
| Working pressure     | 250 bar                          |       |       |       |       |       |        |         |         |         |  |
| Test pressure        | 315 bar                          |       |       |       |       |       |        |         |         |         |  |
| Ambient temperature  | -20°C + 80°C                     |       |       |       |       |       |        |         |         |         |  |
| Fluid temperature    | -20°C + 80°C                     |       |       |       |       |       |        |         |         |         |  |
| Stroke velocity max. | 0.5 m/s                          |       |       |       |       |       |        |         |         |         |  |
| Fluid                | DIN 51524 HL,HLP,HFA Mineral oil |       |       |       |       |       |        |         |         |         |  |
| Rod and piston seals | See ordering code                |       |       |       |       |       |        |         |         |         |  |
| Piston ØD (mm)       | 40                               | 50    | 63    | 80    | 100   | 125   | 140    | 160     | 180     | 200     |  |
| Piston rod Ød (mm)   | 22/28                            | 28/36 | 36/45 | 45/56 | 56/70 | 70/90 | 90/100 | 100/110 | 110/125 | 125/140 |  |
| Mounting tipe        | GABU                             | GAES  | TR    | FLB   | FLF   | FT    |        |         |         |         |  |
| Stroke lenght        | Tolerances                       |       |       |       |       |       |        |         |         |         |  |
| ≤1250                | ±1,5                             | ±1,5  | ±2    | ±1,5  | ±2    | ±2    |        |         |         |         |  |
| >1250 - ≤3150        | ±3                               | ±3    | ±4    | ±3    | ±4    | ±4    |        |         |         |         |  |
| >3150 - ≤6000        | ±5                               | ±5    | ±8    | ±5    | ±8    | ±8    |        |         |         |         |  |