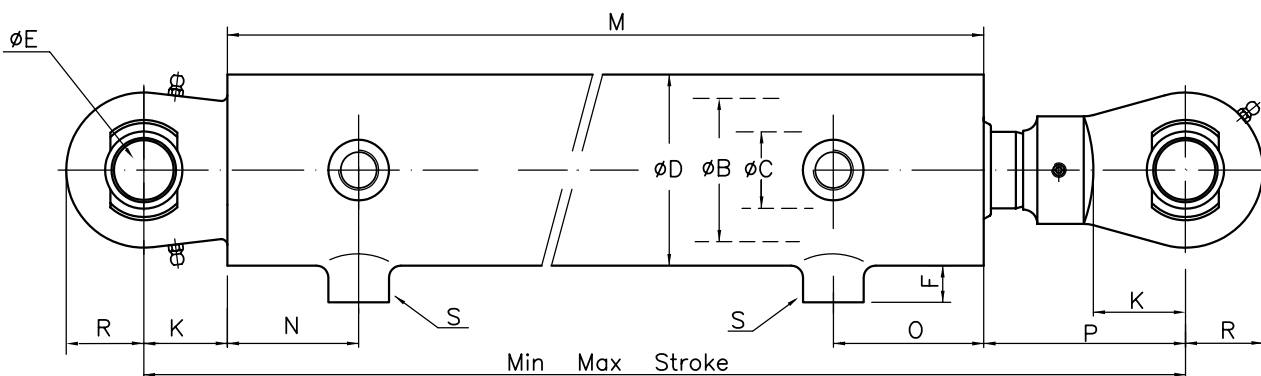
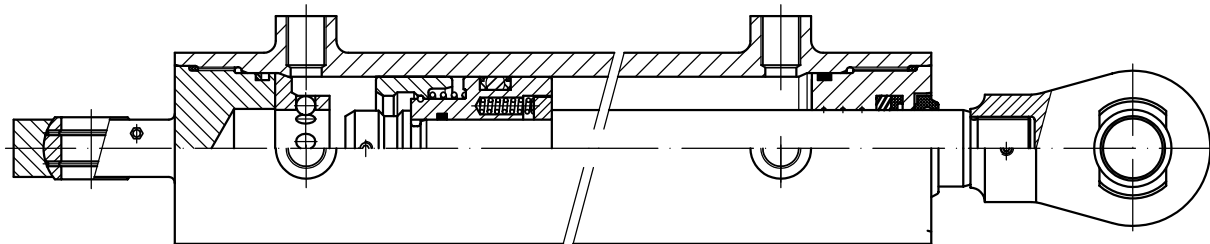
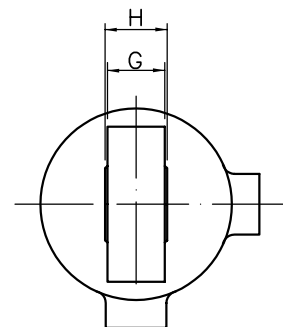


STANDARD LOCKING CYLINDERS

Design pressure: 250 bar



| CYL.TYPE | LOCKING POSITION | Press. Force | Trac. Force | "O" Stroke | Stand. Stroke | Max.L w/Stand. stroke | Min.L stroke | M |
|----------|------------------|--------------|-------------|------------|---------------|-----------------------|--------------|-----|
| HS 2312 | | 70.6kN | 50.5kN | 280 | 210 | 700 | 490 | 382 |
| HS 2412 | | | | | | | | |
| HS 2322 | | 125.6kN | 85.9kN | 345 | 270 | 885 | 615 | 470 |
| HS 2422 | | | | | | | | |
| HS 2332 | | 196.3kN | 125.6kN | 450 | 300 | 1050 | 750 | 550 |
| HS 2432 | | | | | | | | |



| CYL.TYPE | B | C | D | E | F | G | H | K | N | O | P | R | S BSP |
|----------|-----|----|-----|----|------|----|----|----|------|------|-----|------|-------|
| HS 2312 | 60 | 32 | 80 | 25 | 25.5 | 24 | 26 | 35 | 54.5 | 62.5 | 73 | 32.5 | 3/8" |
| HS 2412 | | | | | | | | | | | | | |
| HS 2322 | 80 | 45 | 100 | 40 | 25.5 | 30 | 32 | 50 | 58.5 | 79.5 | 95 | 45 | 3/8" |
| HS 2422 | | | | | | | | | | | | | |
| HS 2332 | 100 | 60 | 125 | 50 | 25.5 | 45 | 50 | 70 | 72.5 | 90.5 | 130 | 58 | 3/8" |
| HS 2432 | | | | | | | | | | | | | |

Oil pressure needed to engage lock: 0.5–1bar, Oil pressure needed to disengage lock: 5–7 bar

* Old standard lengths, still available