

SU-series, upper flange models swing cylinders



- Minimal mounting height when space is at a premium
- Flexible design allows for manifold or threaded port connection
- Low profile mounting style allows body to be below mounting surface
- Simple mounting preparation and easy installation – 3 or 4 mounting bolts
- Easy to machine fixture hole – does not require tight tolerances
- Double oil connection – threaded port or manifold mount
- Symmetrical rectangular flange design enables clamping at three sides of the cylinder.

| Clamp Force ¹⁾ kN | Stroke mm | | Left * Turning Model Number | Right * Turning Model Number | Cylinder Type | | Effective Area cm ² | | Max. Oil Flow ¹⁾ l/min | Clamp Arms ¹⁾ | |
|---------------------------------|-----------|-------|--------------------------------------|---------------------------------------|------------------|-----|--------------------------------------|-------|--|-----------------------------|-------------------------|
| | Clamp | Total | | | S/A | D/A | Clamp | Uncl. | | Stan- dard | Long |
| 2,1 | 8,1 | 16,5 | SULS-22 | SURS-22 | • | – | 0,77 | – | 0,2 | CAS-22 | CAL-22 |
| 4,9 | 9,9 | 22,6 | SULS-52 | SURS-52 | • | – | 1,81 | – | 0,4 | CAS-52 | CAL-52 |
| 8,0 | 11,9 | 22,1 | SULS-92 | SURS-92 | • | – | 3,16 | – | 1,0 | CAS-92 | CAL-92 |
| 10,7 | 12,7 | 28,4 | SULS-121 | SURS-121 | • | – | 4,06 | – | 1,6 | CAS-121 | CAL-122 |
| 17,4 | 14,0 | 27,9 | SULS-202 | SURS-202 | • | – | 7,10 | – | 2,3 | CAS-202 | CAL-202 |
| 33,1 | 16,0 | 30,0 | SULS-352 | SURS-352 | • | – | 12,39 | – | 3,9 | CAS-352 | CAL-352 |
| 2,2 | 8,1 | 16,5 | SULD-22 | SURD-22 | – | • | 0,77 | 1,55 | 0,2 | CAS-22 | CAL-22 |
| 5,6 | 9,9 | 22,6 | SULD-52 | SURD-52 | – | • | 1,81 | 3,81 | 0,4 | CAS-52 | CAL-52 |
| 9,0 | 11,9 | 22,1 | SULD-92 | SURD-92 | – | • | 3,16 | 8,06 | 1,0 | CAS-92 | CAL-92 |
| 9,0 | 32,0 | 41,9 | SULD-92 | SURD-92 | – | • | 3,16 | 8,06 | 1,0 | CAS-92 | CAL-92 |
| 11,6 | 12,7 | 28,4 | SULD-121 | SURD-121 | – | • | 4,06 | 7,94 | 1,6 | CAS-121 | CAL-122 |
| 11,6 | 31,8 | 47,5 | SULD-121 | SURD-121 | – | • | 4,06 | 7,94 | 1,6 | CAS-121 | CAL-122 |
| 18,7 | 14,0 | 27,9 | SULD-202 | SURD-202 | – | • | 7,10 | 15,16 | 2,3 | CAS-202 | CAL-202 |
| 33,8 | 16,0 | 30,0 | SULD-352 | SURD-352 | – | • | 12,39 | 23,74 | 3,9 | CAS-352 | CAL-352 |
| 33,8 | 31,8 | 46,5 | SULD-352 | SURD-352 | – | • | 12,39 | 23,74 | 3,9 | CAS-352 | CAL-352 |

1) Clamp force with standard clamp arm. Clamp arms are sold separately.

Clamp forces for single-acting models are reduced in order to overcome return spring force.

* For models with straight plunger movement, replace L or R with S. Example: SUSD-92.