

Swing clamps - Upper flange models

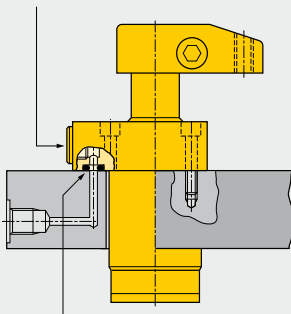
Shown: SURS-52, SURS-202



SU series

The Enerpac upper flange swing clamps are designed for integrated manifold mounting solutions. Hydraulic connections are made through SAE or BSPP oil connection or the standard integrated O-ring ports.

BSPP oil connection



Integrated O-ring port

■ Enerpac upper flange swing clamps integrated into a fully automated machining system.



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
- Double oil connection – threaded port or manifold mount
- Symmetrical rectangular flange design enables clamping at three sides of the cylinder
- 30, 45, and 60 degree swing angles available on request .

Product selection

Clamping force ¹⁾	Stroke		Left turning 90° 	Right turning 90° 	Cylinder effective area		Oil capacity		Max. oil flow ¹⁾	Standard clamp arm Sold separately  32 ▶
	mm				cm ²		cm ³			
	kN	Clamp			Total	Clamp	Un-clamp	Clamp		
▼ Single acting					Model number ²⁾					
2,1	8,1	16,4	SULS-22	SURS-22	0,77	–	1,31	–	0,2	CAS-22
4,9	9,9	22,6	SULS-52	SURS-52	1,81	–	4,10	–	0,4	CAS-52
8,0	11,9	23,0	SULS-92	SURS-92	3,16	–	6,88	–	1,0	CAS-92
10,7	12,7	27,9	SULS-121	SURS-121	4,06	–	11,47	–	1,6	CAS-121
17,4	14,0	29,5	SULS-202	SURS-202	7,10	–	19,99	–	2,3	CAS-202
33,1	16,0	32,6	SULS-352	SURS-352	12,39	–	37,20	–	3,9	CAS-352
▼ Double acting					Model number ²⁾					
2,2	8,1	16,4	SULD-22	SURD-22	0,77	1,55	1,31	2,62	0,2	CAS-22
5,6	9,9	22,6	SULD-52	SURD-52	1,81	3,81	4,10	8,69	0,4	CAS-52
9,0	11,9	23,0	SULD-92	SURD-92	3,16	8,06	6,88	17,70	1,0	CAS-92
9,0	32,0	43,0	SULDL-92*	SURDL-92*	3,16	8,06	13,27	30,48	1,0	CAS-92
11,6	12,7	27,9	SULD-121	SURD-121	4,06	7,94	11,47	22,94	1,6	CAS-121
11,6	31,8	47,0	SULDL-121	SURDL-121	4,06	7,94	15,90	37,69	1,6	CAS-121
18,7	14,0	29,5	SULD-202	SURD-202	7,10	15,16	19,99	42,61	2,3	CAS-202
33,8	16,0	32,6	SULD-352	SURD-352	12,39	23,74	37,20	71,28	3,9	CAS-352
33,8	31,8	48,4	SULDL-352*	SURDL-352*	12,39	23,74	57,85	110,94	3,9	CAS-352

¹⁾ With standard clamp arm. Clamp arms are sold separately ( 32). Clamping forces for single-acting models are reduced in order to overcome return spring force.

²⁾ For models with straight plunger movement, replace **L** or **R** with **S**.

* This product is made to order. Please contact Enerpac for delivery information before specifying in your design.

Note: Call Enerpac to order models with SAE port connections.

Dimensions in mm []

Left turning models	A	B	C	C1	D	D1	D2	F	G	H	K	M	
					Ø				Ø				
	▼ Single acting												
SULS-22	112,1	59,0	26,7	43,0	27,9	47,2	45,0	10,0	G1/8"	11,2	16,0	-	
SULS-52	135,3	69,3	27,4	50,1	34,8	54,0	57,2	16,0	G1/8"	9,9	19,2	-	
SULS-92	144,2	76,3	28,2	51,2	47,9	70,0	54,0	25,0	G1/4"	13,0	25,0	15,0	
SULS-121	171,5	85,7	27,4	55,3	47,5	66,4	73,2	22,2	SAE #4	9,9	30,4	-	
SULS-202	167,0	88,1	28,4	58,0	62,6	85,0	70,0	32,0	G1/4"	13,0	30,1	23,2	
SULS-352	189,3	100,7	28,2	60,7	76,8	100,0	89,0	38,0	G1/4"	13,0	40,0	27,4	
▼ Double acting													
SULD-22	112,1	59,0	26,7	43,0	27,9	47,2	45,0	10,0	G1/8"	11,2	16,0	-	
SULD-52	135,3	69,3	27,4	50,1	34,8	54,0	57,2	16,0	G1/8"	9,9	19,2	-	
SULD-92	144,2	76,3	28,2	51,2	47,9	70,0	54,0	25,0	G1/4"	13,0	25,0	-	
SULDL-92*	184,2	96,3	28,2	71,2	47,9	70,0	54,0	25,0	G1/4"	13,0	25,0	-	
SULD-121	171,5	85,7	27,4	55,3	47,5	66,4	73,2	22,2	SAE #4	9,9	30,4	-	
SULDL-121	228,7	104,7	27,4	74,4	47,5	66,4	73,2	22,2	SAE #4	9,9	30,4	-	
SULD-202	167,0	88,1	28,4	58,0	62,6	85,0	70,0	32,0	G1/4"	13,0	30,1	-	
SULD-352	189,3	100,7	28,2	60,7	76,8	100,0	89,0	38,0	G1/4"	13,0	40,0	-	
SULDL-352*	220,9	116,5	28,2	76,5	76,8	100,0	89,0	38,0	G1/4"	13,0	40,0	-	

NOTE: dimensions shown with standard clamp arm.

* This product is made to order. Please contact Enerpac for delivery information before specifying in your design.

