

# Swing cylinders - Threaded body models

Shown: STRD-52, STRD-202



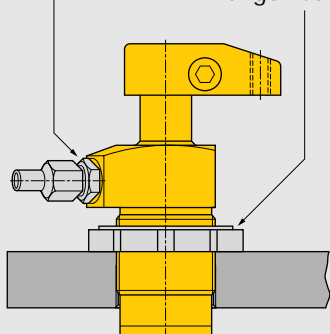
## ST series

Enerpac threaded body swing cylinders are threaded directly into the fixture.

The cylinder height is adjusted to the appropriate height, and then locked in place using a flange nut (□ 72).

BSPB oil connection

Flange nut



Threaded body swing cylinders allow the clamp to be buried in the fixture to minimize the required area, while the height remains adjustable.





## Cylinders can be threaded directly into fixture

...can be secured at any height

- Body thread for precise cylinder height positioning
- Threaded port connection
- Easy installation and removal
- Greatest flexibility in fixture design

## Product selection

Clamping force <sup>1)</sup>	Stroke		Left turning	Right turning	Cylinder effective area		Oil capacity		Max. oil flow <sup>1)</sup>	Standard clamp arm Sold separately □ 24 ▶
	kN	mm			cm <sup>2</sup>	cm <sup>3</sup>				
	Clamp.	Total			Clamp	Un-clamp	Clamp	Un-clamp	l/min	
▼ Single-acting Model number <sup>2)</sup>										
2,1	8	16,5	STLS-22	STRS-22	0,77	-	1,31	-	0,2	CAS-22
4,9	10	22,6	STLS-52	STRS-52	1,81	-	4,10	-	0,4	CAS-52
8,0	12	22,1	STLS-92	STRS-92	3,16	-	6,88	-	1,0	CAS-92
10,7	13	28,4	STLS-121	STRS-121	4,06	-	11,47	-	1,6	CAS-121
17,4	14	27,9	STLS-202	STRS-202	7,10	-	19,99	-	2,3	CAS-202
33,1	16	30,0	STLS-352	STRS-352	12,39	-	37,20	-	3,9	CAS-352
▼ Double-acting Model number <sup>2)</sup>										
2,2	8	16,5	STLD-22	STRD-22	0,77	1,55	1,31	2,46	0,2	CAS-22
5,6	10	22,6	STLD-52	STRD-52	1,81	3,81	4,10	8,52	0,4	CAS-52
9,0	12	22,1	STLD-92	STRD-92	3,16	8,06	6,88	17,70	1,0	CAS-92
11,6	13	28,4	STLD-121	STRD-121	4,06	7,94	11,47	22,94	1,6	CAS-121
18,7	14	27,9	STLD-202	STRD-202	7,10	15,16	19,99	42,61	2,3	CAS-202
33,8	16	30,0	STLD-352	STRD-352	12,39	23,74	37,20	71,28	3,9	CAS-352

<sup>1)</sup> With standard clamp arm. Clamp arms are sold separately (□ 10, 24). Clamping forces for single-acting models are reduced in order to overcome return spring force.

<sup>2)</sup> For models with straight plunger movement, replace L or R with S.

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

## Dimensions in mm [□ 72]

Left turning models	A	B	C	C1	D	D1	D2	F	G	H
					∅			∅		
▼ Single-acting										
STLS-22	112	59	42,5	25	M28 x 1,5	39,4	33	10	G1/8"	10
STLS-52	135	69	49,6	25	M35 x 1,5	47,5	38	16	G1/8"	10
STLS-92	143	80	55,1	30	M48 x 1,5	62,5	48	25	G1/4"	13
STLS-121	171	86	55,4	25	1.875-16 UNF	60,5	51	22	SAE#4	10
STLS-202	165	93	62,9	32	M65 x 1,5	75,9	65	32	G1/4"	13
STLS-352	186	105	65,0	32	M80 x 2	88,4	80	38	G1/4"	13
▼ Double-acting										
STLD-22	112	59	42,5	25	M28 x 1,5	39,4	33	10	G1/8"	10
STLD-52	135	69	49,6	25	M35 x 1,5	47,5	38	16	G1/8"	10
STLD-92	143	80	55,1	30	M48 x 1,5	62,5	48	25	G1/4"	13
STLD-121	171	86	55,4	25	1.875-16 UNF	60,5	51	22	SAE#4	10
STLD-202	165	93	62,9	32	M65 x 1,5	75,9	65	32	G1/4"	13
STLD-352	186	105	65,0	32	M80 x 2	88,4	80	38	G1/4"	13

Note: Dimensions shown with standard clamp arm.

