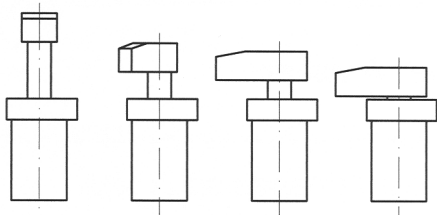


Hydraulic swing clamps are particularly designed for applications which require high clamping forces and easy loading of workpieces in confined spaces.

## Standard version

Double acting swing clamps

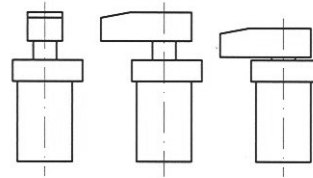
Cylinder with helical pivoting. The cylinder swing around 90° with swivel stroke and continue to the vertical clamping stroke. Complete stroke = swivel stroke + clamping stroke. Available in block-, screw-in-, top flange- and base flange version.

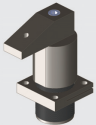

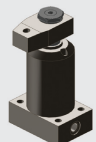
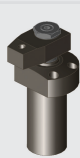
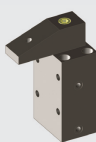
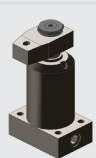
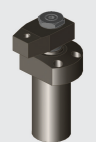




## Compact version

Double acting swing clamps

Cylinder with rotation in a plane. The cylinder swing around 90° without stroke movement, continue to the vertical clamping stroke. Complete stroke = clamping stroke. Available in top flange-, base flange- and block version



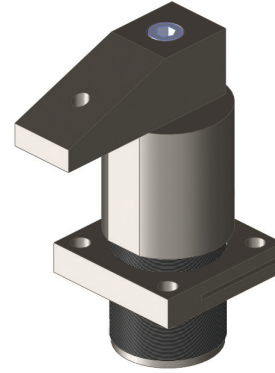
	model no.		Pressure range		stroke [mm]	Clamping force	
	swivel right	swivel left	min [bar]	max [bar]		min [kN]	max [kN]
	screw-in version standard						
	726D25221-2	727D25221-2	100	250	10	1,9	4,8
	726D32321-2	727D32321-2	100	250	11	3,4	8,5
	block-version standard						
	726D25222-2	727D25222-2	100	250	10	1,9	4,8
	726D32322-2	727D32322-2	100	250	11	3,4	8,5
	bottom-flange-version standard						
	726D40341-2	727D40341-2	100	250	12	5	12,5
	726D25223-2	727D25223-2	100	250	10	1,9	4,8
	top-flange-version standard						
	726D32373-2	727D32373-2	100	250	11	3,4	8,5
	726D50293-2	727D50293-2	100	250	12	5	12,5
	block-version compact						
	726D32243-2	727D32243-2	30	250	12	1	8
	726D50393-2	727D50393-2	30	250	25	1,9	16
	top-flange-version compact						
	726D50294-2	727D50294-2	30	250	15	1,9	16
	726D50394-2	727D50394-2	30	250	25	1,9	16
	base-flange-version compact						
	726D25082-5	727D25082-5	30	250	8	0,5	4
	726D32122-5	727D32122-5	30	250	12	1,0	8
	top-flange-version compact						
	726D50162-5	727D50162-5	30	250	16	1,9	16
	726D63242-5	727D63242-5	30	250	24	2,9	24
	base-flange-version compact						
	726D25083-5	727D25083-5	30	250	8	0,5	4
	726D32123-5	727D32123-5	30	250	12	1,0	8
	top-flange-version compact						
	726D50163-5	727D50163-5	30	250	16	1,9	16
	726D63243-5	727D63243-5	30	250	24	2,9	24
	top-flange-version compact						
	726D25084-5	727D25084-5	30	250	8	0,5	4
	726D32124-5	727D32124-5	30	250	12	1,0	8
	top-flange-version compact						
	726D50164-5	727D50164-5	30	250	16	1,9	16
	726D63244-5	727D63244-5	30	250	24	2,9	24

**Swing clamp-screw-in version**

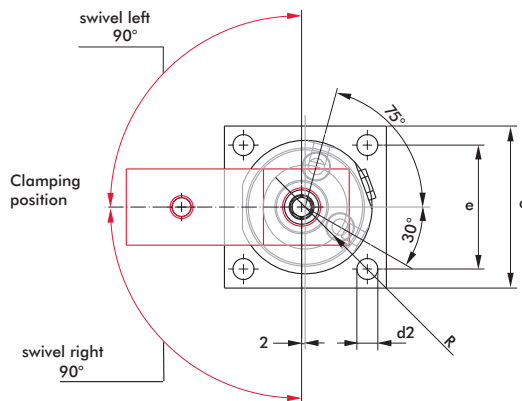
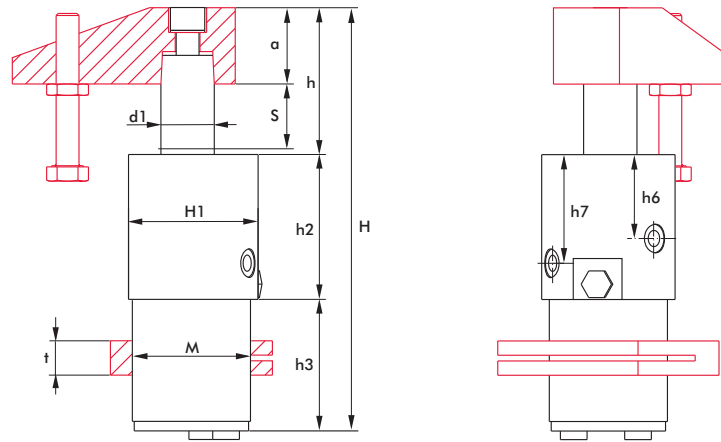
- Double acting version
- More accessories under accessories standard

**Technical note:**

- Clamping must be accomplished in the vertical stroke range.
- The clamping arm cannot be impeded during swivel.
- The cycle time for a clamping or a unclamping stroke should not fall under 1,5 s. If necessary, the oil flow must be reduced. Observe the max. permitted oil flow.



model no.		operating pressure		Clamping force	volume flow	stroke		Oil consumption		Connection	Weight
swivel right	swivel left	min. [bar]	max. [bar]	at 100 bar [kN]	max. [l/min]	complete stroke [mm]	clamping stroke [mm]	clamping [cm³]	unclamping [cm³]	G	[kg]
726D25221-2	727D25221-2	100	250	1,9	0,26	27	10	6,4	13,3	4x G1/8	1,85
726D32321-2	727D32321-2	100	250	3,4	0,53	31	11	13,2	24,9	4x G1/8	2,6
726D40341-2	727D40341-2	100	250	5,0	0,87	34	12	21,8	42,7	4x G1/8	3,5



**Notes on assembling the clamping arm**  
 When loosening and tightening the clamping arm screw the clamping arm must be fixed to prevent damage to the piston guide.  
 See table for max. torque for arm screw.

model no.		a	c	d1	d2	e	f	H	H1	h	h2	h3	h6	h7	M	R	t	max. torque
swivel right	swivel left	[mm]																[Nm]
726D25221-2	727D25221-2	25	65	18	9	50	23	173	53	55	61	57	35,5	44,5	48x1,5	29	12	30
726D32321-2	727D32321-2	30	70	22	9	56	27	199	61,5	64	70	65	46	57	52x1,5	34	15	45
726D40341-2	727D40341-2	40	85	28	11	65	31	222	68	77	76	69	44	57	62x1,5	44	18	80

## Swing clamp-block version

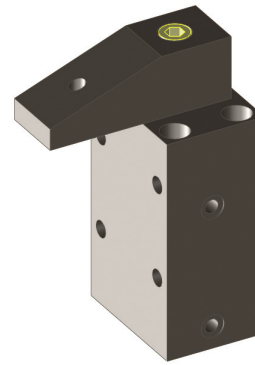
- Double acting version

### Optional

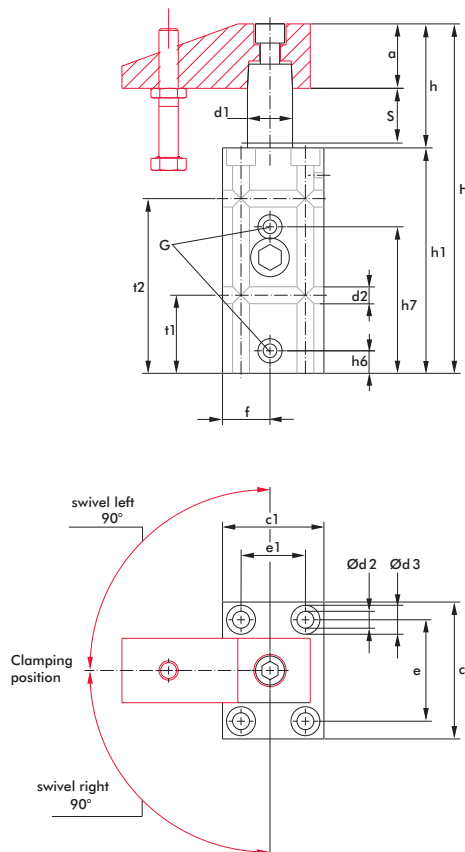
- Position control (E)
- More accessories under accessories standard

### Technical note:

- Clamping must be accomplished in the vertical stroke range.
- The clamping arm cannot be impeded during swivel.
- The cycle time for a clamping or a unclamping stroke should not fall under 1,5 s. If necessary, the oil flow must be reduced. Observe the max. permitted oil flow.



model no.		operating pressure		Clamping force at 100 bar [kN]	Volume flow max. [l/min]	Stroke		Oil consumption		Connection G	Weight [kg]
swivel right	swivel left	min. [bar]	max. [bar]			complete stroke [mm]	clamping stroke [mm]	clamping [cm³]	unclamping [cm³]		
726D25222-2	727D25222-2	100	250	1,9	0,26	27	10	6,4	13,3	2x G1/8	2,2
726D32322-2	727D32322-2	100	250	3,4	0,53	31	11	13,2	24,9	2x G1/8	3,5
726D40342-2	727D40342-2	100	250	5	0,87	34	12	21,8	42,7	2x G1/8	4,9



**Notes on assembling the clamping arm**  
 When loosening and tightening the clamping arm screw the clamping arm must be fixed to prevent damage to the piston guide.  
 See table for max. torque for arm screw.

model no.		a	c	c1	d1	d2	d3	e	e1	f	H	h	h1	h6	h7	f1	t2	max. Torque [Nm]
swivel right	swivel left	[mm]																
726D25222-2	727D25222-2	25	65	45	18	8,5	13,5	50	30	20,5	165	55	110	10	70,5	35	85	30
726D32322-2	727D32322-2	30	75	55	22	10,5	18	55	35	25,5	194	64	130	12,5	79	45,5	100,5	45
726D40342-2	727D40342-2	40	85	63	28	10,5	18	63	40	29,5	217	77	140	14	91	48,5	108,5	80

**Swing clamp-base flange version**

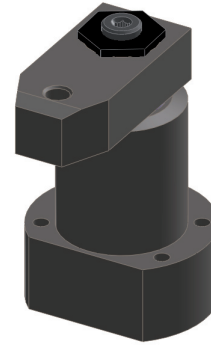
- Double acting version

**Optional**

- Piston with indexing for high repeat accuracy
- Other angle of rotation 0°, 45°, 60°
- Bigger stroke
- More accessories under accessories standard

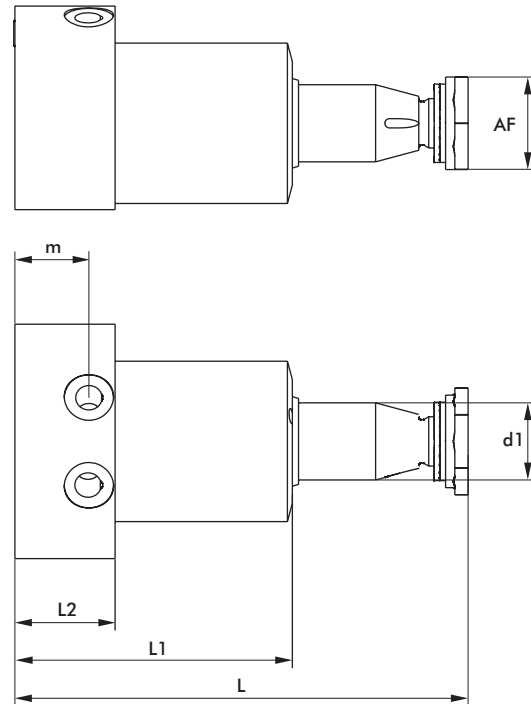
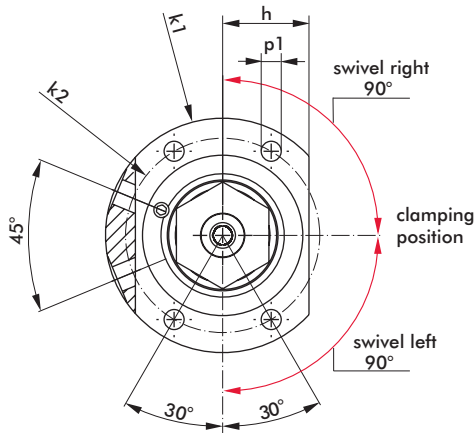
**Technical note:**

- Clamping must be accomplished in the vertical stroke range.
- The clamping arm cannot be impeded during swivel.
- The cycle time for a clamping or a unclamping stroke should not fall under 1,5 s. If necessary, the oil flow must be reduced. Observe the max. permitted oil flow.



model no.		operating pressure		Clamping force at 100 bar [kN]	Volume flow max. [l/min]	Stroke		Oil consumption		Connection G	Weight [kg]
swivel right	swivel left	min. [bar]	max. [bar]			complete stroke [mm]	clamping stroke [mm]	clamping [cm³]	unclamping [cm³]		
726D32243-2	727D32243-2	30	250	3,2	0,9	24	12	11,1	22,6	G1/8	1,9
726D32373-2	727D32373-2	30	250	3,2	0,9	37	25	27,0	55,9	G1/8	2,2
726D50293-2	727D50293-2	30	250	6,4	2,0	29	15	17,4	35,6	G1/4	4,6
726D50393-2	727D50393-2	30	250	6,4	2,0	39	25	36,9	76,6	G1/4	5,3

Notes on assembling the clamping arm  
When loosening and tightening the clamping arm screw the clamping arm must fixed to prevent damage to the piston guide.



model no.		Piston Ø	d1	D	e	f	h	k1	k2	L	L1	L2	m	p1	AF
swivel right	swivel left	[mm]													
726D32243-2	727D32243-2	32	25	52	M16x1,5	6	28	76	63	147	90	32,5	24	6,5	22
726D32373-2	727D32373-2	32	25	52	M16x1,5	6	28	76	63	176	106	32,5	24	6,5	30
726D50293-2	727D50293-2	50	36	72	M24x1,5	10	38	110	90	176,5	106,5	42	29	10,5	40
726D50393-2	727D50393-2	50	36	72	M24x1,5	10	38	110	90	201,5	121,5	42	29	10,5	46

## Swing clamp-top flange version

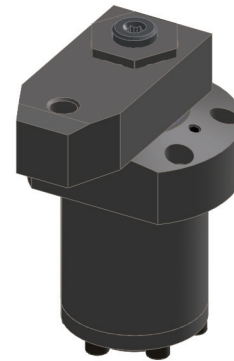
- Double acting version

### Optional

- Position control
- Piston with indexing for high repeat accuracy
- Other angle of rotation 0°, 45°, 60°
- Bigger stroke
- More accessories under accessories standard

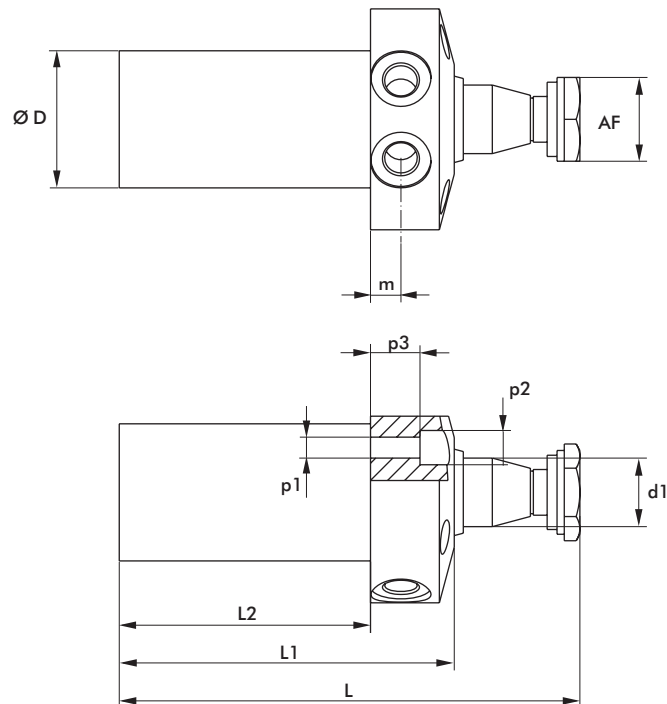
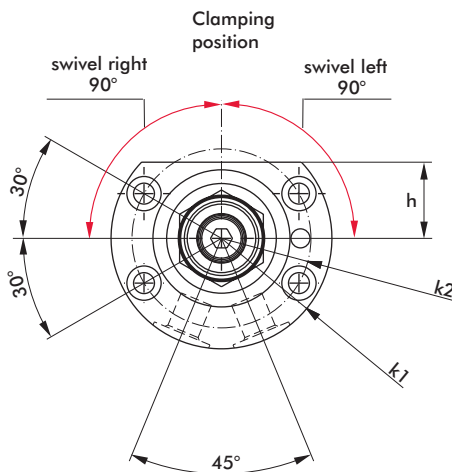
### Technical note:

- Clamping must be accomplished in the vertical stroke range.
- The clamping arm cannot be impeded during swivel.
- The cycle time for a clamping or a unclamping stroke should not fall under 1,5 s. If necessary, the oil flow must be reduced. Observe the max. permitted oil flow.



model no.		operating pressure		Clamping force at 100 bar [kN]	Volume flow max. [l/min]	Stroke		Oil consumption		Connection G	Weight [kg]
swivel right	swivel left	min. [bar]	max. [bar]			complete stroke [mm]	clamping stroke [mm]	clamping [cm³]	unclamping [cm³]		
726D32244-2	727D32244-2	30	250	3,2	0,9	24	12	11,1	22,6	G1/8	1,7
726D32374-2	727D32374-2	30	250	3,2	0,9	37	25	27,0	55,9	G1/8	2
726D50294-2	727D50294-2	30	250	6,4	2,0	29	15	17,4	35,6	G1/4	4
726D50394-2	727D50394-2	30	250	6,4	2,0	39	25	36,9	76,6	G1/4	4,5

Notes on assembling the clamping arm  
When loosening and tightening the clamping arm screw the clamping arm must be fixed to prevent damage to the piston guide.



model no.		piston $\varnothing$	d1	D	e	f	h	k1	k2	L	L1	L2	m	p1	p2	p3	AF
swivel right	swivel left																
726D32244-2	727D32244-2	32	25	52	M16x1,5	6	28	76	63	146,5	89,5	63,5	11	6,5	10,5	16	30
726D32374-2	727D32374-2	32	25	52	M16x1,5	6	28	76	63	175,5	105,5	79,5	11	6,5	10,5	16	30
726D50294-2	727D50294-2	50	36	72	M24x1,5	10	38	110	90	176	106	78	11	10,5	17	11	40
726D50394-2	727D50394-2	50	36	72	M24x1,5	10	38	110	90	201	121	93	11	10,5	17	11	40

**Swivel clamp-block version**

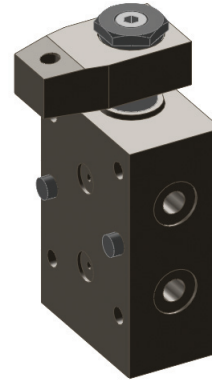
- Double acting version
- Rotation in a plane – without swivel stroke

**Optional**

- Piston with indexing for high repeat accuracy
- Other angle of rotation 0°, 45°, 60°
- Bigger stroke
- More accessories under accessories compact

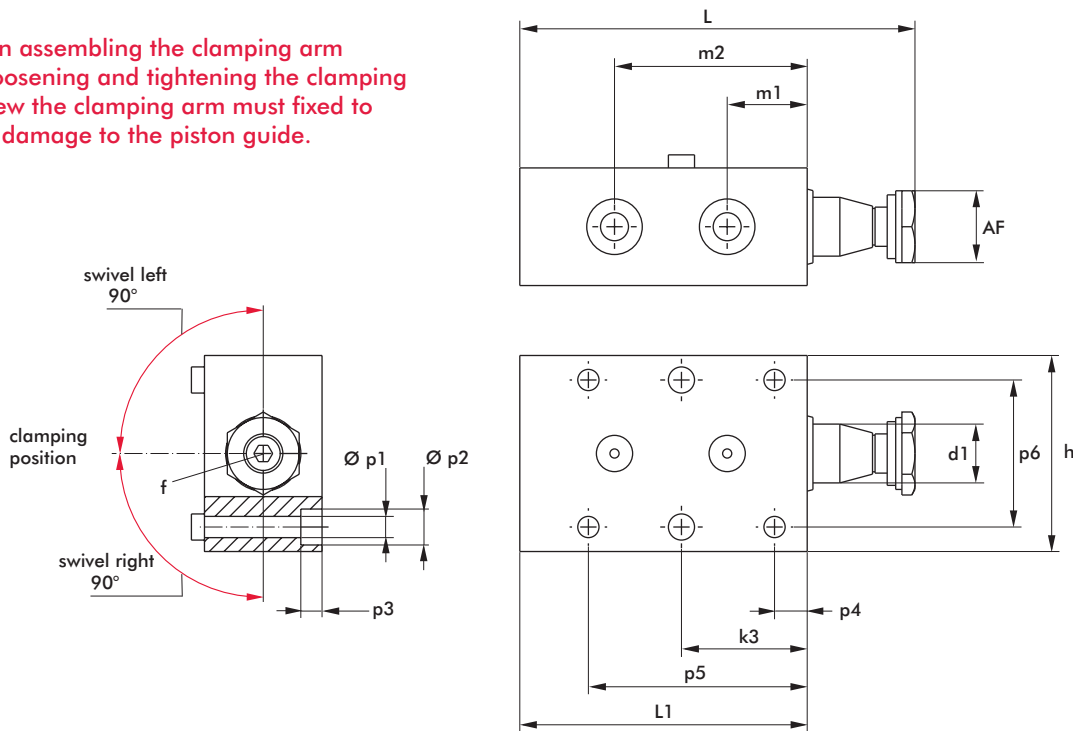
**Technical note:**

- Clamping must be accomplished in the vertical stroke range.
- The clamping arm cannot be impeded during swivel.
- The cycle time for a clamping or a unclamping stroke should not fall under 1,5 s. If necessary, the oil flow must be reduced. Observe the max. permitted oil flow.



model no.		operating pressure		Clamping force bei 100 bar [kN]	Volume flow max. [l/min]	Stroke		Oil consumption		Connection G	Weight [kg]
swivel right	swivel left	min. [bar]	max. [bar]			complete stroke [mm]	clamping stroke [mm]	clamping [cm³]	unclamping [cm³]		
726D25082-5	727D25082-5	30	250	1,6	0,4	8	8	5,3	7,4	G1/8	1.8
726D32122-5	727D32122-5	30	250	3,2	0,9	12	12	15,0	21,0	G1/4	3
726D50162-5	727D50162-5	30	250	6,4	2,0	16	16	41,0	53,0	G1/4	7
726D63242-5	727D63242-5	30	250	9,6	3,0	24	24	74,0	88,0	G1/4	15

Notes on assembling the clamping arm  
When loosening and tightening the clamping arm screw the clamping arm must fixed to prevent damage to the piston guide.



model no.		piston ∅	d1	e	f	g	h	k3	L	L1	L3	m1	m2	p1	p2	p3	p4	p5p	p6	AF
swivel right	swivel left																			
726D25082-5	727D25082-5	25	18	M12x1,5	5	36	60	38,5	121	88	48,5	24.5	59	6,5	11	6.5	10	67	45	22
726D32122-5	727D32122-5	32	25	M16x1,5	6	52	75	44,5	152	107	59,5	28	68,5	8,5	14	8	12	77	58	30
726D50162-5	727D50162-5	50	36	M24x1,5	10	72	96	60	195	142	75	34	94	10,5	17	11	15	105	76	40
726D63242-5	727D63242-5	63	42	M30x1,5	12	85	116	70	218	161	85	40	107	13	20	13	20	120	92	46

## Swing clamp-base flange version

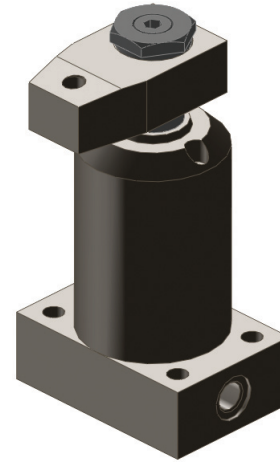
- Double acting version
- Rotation in a plane – without swivel stroke

### Optional

- Piston with indexing for high repeat accuracy
- Other angle of rotation 0°, 45°, 60°
- Bigger stroke
- More accessories under accessories compact

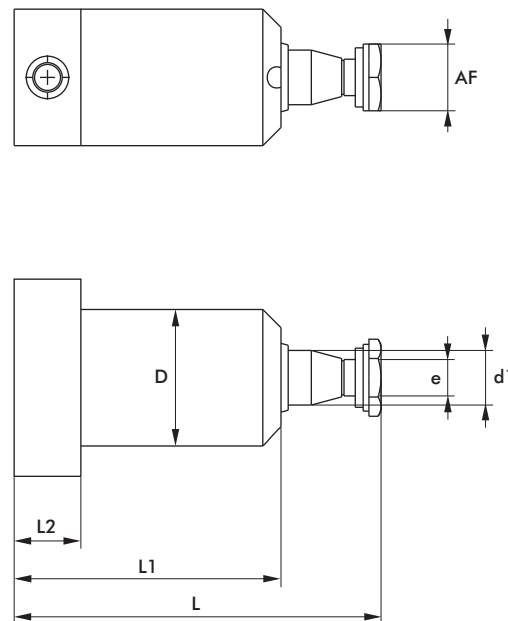
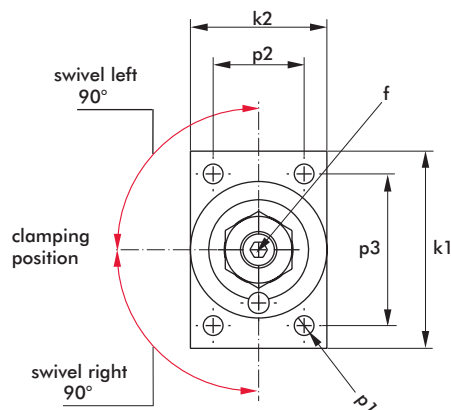
### Technical note:

- Clamping must be accomplished in the vertical stroke range.
- The clamping arm cannot be impeded during swivel.
- The cycle time for a clamping or a unclamping stroke should not fall under 1,5 s. If necessary, the oil flow must be reduced. Observe the max. permitted oil flow.



model no.		operating pressure		Clamping force at 100 bar [kN]	Volume flow max. [l/min]	Stroke		Oil consumption		Connection G	Weight [kg]
swivel right	swivel left	min. [bar]	max. [bar]			complete stroke [mm]	clamping stroke [mm]	clamping [cm³]	unclamping [cm³]		
726D25083-5	727D25083-5	30	250	1,6	0,4	8	8	5,3	7,4	G1/8	1,8
726D32123-5	727D32123-5	30	250	3,2	0,9	12	12	15,0	21,0	G1/8	3
726D50163-5	727D50163-5	30	250	6,4	2,0	16	16	41,0	53,0	G1/4	7
726D63243-5	727D63243-5	30	250	9,6	3,0	24	24	74,0	88,0	G1/4	15

Notes on assembling the clamping arm  
When loosening and tightening the clamping arm screw the clamping arm must be fixed to prevent damage to the piston guide.



model no.		piston	d1	D	e	f	k1	k2	L	L1	L2	p1	p2	p3	AF
swivel right	swivel left	Ø					[mm]								
726D25083-5	727D25083-5	25	18	M45x1,5	M12x1,5	5	65	45	121	88	22	6,5	30	50	22
726D32123-5	727D32123-5	32	25	M60x1,5	M16x1,5	6	83	63	152	107	22	8,5	44	65	30
726D50163-5	727D50163-5	50	36	M50x2	M24x1,5	10	110	80	195	142	25	13	60	83	40
726D63243-5	727D63243-5	63	42	M95x2	M30x1,5	12	120	95	218	161	25	15	70	96	46

**Swing clamps-top flange version**

- Double acting version
- Rotation in a plane-without swivel stroke

**Optional**

- Position control(P/E/H)
- Piston with indexing for high repeat accuracy
- Other angle of rotation 0°, 45°, 60°
- Bigger stroke
- More accessories under accessories compact

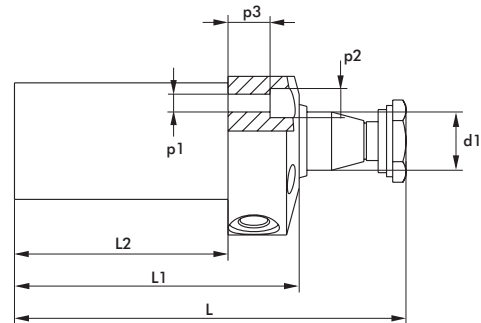
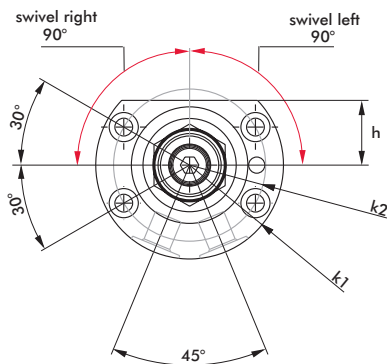
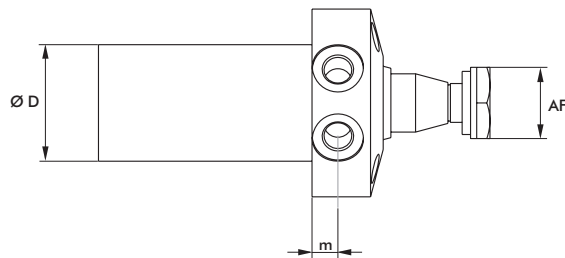
**Technical note:**

- Clamping must be accomplished in the vertical stroke range.
- The clamping arm cannot be impeded during swivel.
- The cycle time for a clamping or a unclamping stroke should not fall under 1,5 s. If necessary, the oil flow must be reduced. Observe the max. permitted oilflow.



model no.		operating pressure		Clamping force at 100 bar [kN]	Volume flow max. [l/min]	Stroke		Oil consumption		Connection G	Weight [kg]
swivel right	swivel left	min. [bar]	max. [bar]			complete stroke [mm]	clamping stroke [mm]	clamping [cm³]	unclamping [cm³]		
726D25084-5	727D25084-5	30	250	1,6	0,4	8	8	5,3	7,4	G1/8	0,9
726D32124-5	727D32124-5	30	250	3,2	0,9	12	12	15,0	21,0	G1/8	2
726D50164-5	727D50164-5	30	250	6,4	2,0	16	16	41,0	53,0	G1/4	5
726D63244-5	727D63244-5	30	250	9,6	3,0	24	24	74,0	88,0	G1/4	7,7

Notes on assembling the clamping arm  
When loosening and tightening the clamping arm screw the clamping arm must fixed to prevent damage to the piston guide.



model no.		piston Ø	d1	D	e	f	h	K1	K2	L	L1	L2	m	p1	p2	p3	AF
swivel right	swivel left																
726D25084-5	727D25084-5	25	18	36	M12x1,5	5	20	58	47	121	88	66	8	5,5	9	13	22
726D32124-5	727D32124-5	32	25	52	M16x1,5	6	28	76	63	152	107	81	11	6,5	10,5	16	30
726D50164-5	727D50164-5	50	36	72	M24x1,5	10	38	110	90	195	142	114	11	10,5	17	11	40
726D63244-5	727D63244-5	63	42	85	M30x1,5	12	45	125	105	218	161	131	12	10,5	17	12	46