

CYPULL *Select* locking cylinders are the most frequent used cylinders by our customers. In due to the high demand, these cylinders are produced to stock.

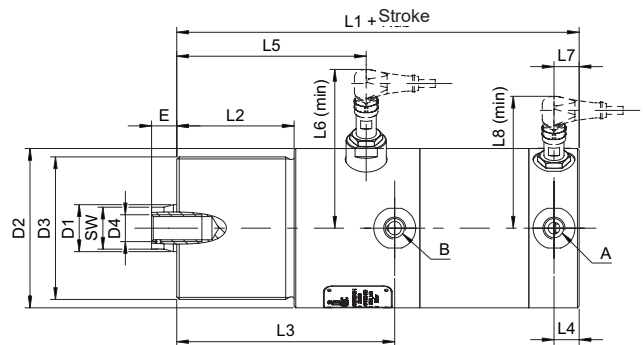
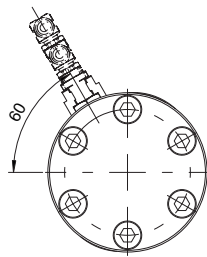
CYPULL Advantages:

- + Guaranteed failsafe & pressure less tool locking.
- + Highest position accuracy for burr-free molding.
- + Overload protection against pressure peaks.
- + Rapid demolding of complex core pulls.
- + Easy integration into the Mold architecture.
- + Universal applicatios.



Rapid delivery time	Competitive pricing	Big Stock	40 Years of experience	UP to 10.000.000 cycles* Stroke	Global Sales & Service	3 YEAR WARRANTY 100% CYTEC QUALITY 36 months warranty

Nominal size Piston Ø	Type of locking	max. preload	Holding force	D1	Standard strokes	Stroke force [kN]	Stroke length 0-25	Stroke length 26-50	Stroke length 51-75	Stroke length 76-100													Pressure						Retraction force [kN]
						150 bar	L1	L1	L1	L1	L2	L3	L4	L5	L6	E	Ø D2	SW	L6	L7	L8	A/B	L9	L10	L11	L12	150 bar		
32	P	0,5	80	20	25 differing strokes on request	12,1	170	195	220	245	60	120	15	105	98	12	75	17	98	15	86	G1/4	93	57	13	91	7,4		
40	P	0,5	150	28		18,8	185	210	235	260	70	130	15	113	107	15	95	22	107	15	88		105	107	14	101	9,6		
50	P	1,0	240	36		29	240	265	290	315	80	160	15	144	111	21	100	27	111	15	91	G3/8	143	110	18	101	14,0		
63	P	1,0	360	45		47	250	275	300	325	90	170	15	151	116	25	120	36	116	15	98		151	115	17	106	23,0		



CYPULL - Functional principle:

1. The piston rod is moved hydraulically to the position of application.
2. The locking segments engage with the locking contour of the cylinder rod and are fixed by a segment sleeve, which surrounds the locking mechanism. This hydromechanical locking principle ensures that the cylinder stroke is locked in both axial and radial directions with high accuracy. The system is equipped with preload, which allows for a tolerance of up to 1 mm stroke.
3. The self-locking properties of the CYTEC system allow for the pressure to be turned off during the injection molding process.
4. After the process is complete, the hydraulic release port is pressurized, which unlocks the locking system, and the piston returns to its initial position.

