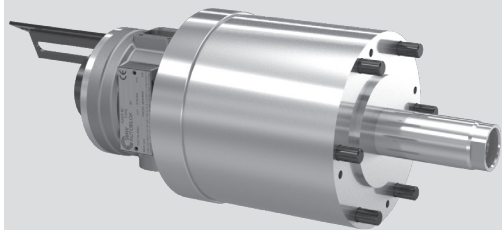


- EXTRA long stroke
- Up to 70 bar
- Central bore for air, coolant or oil
- Stroke control via proximity switch or LPS 4.0



Application/customer benefits

- Actuation of power chucks or clamping devices requesting a very long stroke, for example the SMW-AUTOBLOK retractable jaw chuck type W or GSA

Technical features

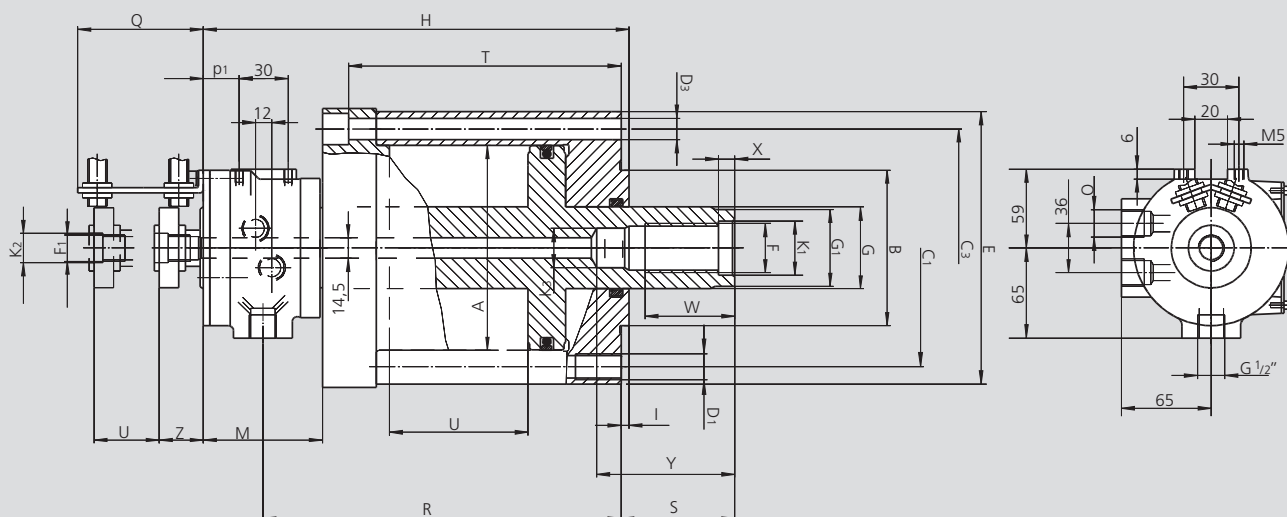
- Extra long stroke
- Pressure range 8-70 bar
- Horizontal or vertical installation
- Safety valves and excess pressure relief valve
- Central bore for coolant, oil or air with thread for rotary union
- Mounting from the rear side with bolts
- Stroke control via proximity switch or linear positioning system
- A 10 µm filter in pressure line is requested.
- Use oil HM32 ISO 3448

Standard equipment

Closed center cylinder with stroke control and mounting bolts
Proximity bracket (without proximity switch)

Ordering example

Closed center cylinder SIN-L 125
or closed center cylinder SIN-L 150
with rotary union (optional)



Subject to technical changes.
For more detailed information please ask our customer service.

Dimensions and technical data

SMW-AUTOBLOK Type	Id. No.	A	B	C3	D3	E	F	F1	G	G1	H	I	K1	K2	K3	M	O	Q	R	S
		mm	h6 mm	mm	(6x60°) mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	inch	mm	mm	max. mm
SIN-L 100	33093910	100	80	120	11	140	M24	M16 x1.5 LH	40	38	231	5	25	18	18	73	G3/8"	107	190	85
SIN-L 125	33093912	125	95	145	13	170	M30	M16 x1.5 LH	40	38	266	5	31	18	24	93	G1/2"	133	221	100
SIN-L 150	33093915	150	95	170	13	196	M36	M16 x1.5 LH	50	48	287	5	37	18	28	97	G1/2"	133	238	120
SIN-L 175	33093917	175	125	195	13	221	M36	M16 x1.5 LH	50	48	292	5	37	18	28	97	G1/2"	133	243	115

SMW-AUTOBLOK Type	T	U	W	X	Y	Z	p1	Piston area	Max. pressure	Pull/push	Oil leakage*	Max. speed	Weight	Moment of inertia
	mm	mm	mm	mm	mm	min. mm	mm	pull cm² / push cm²	bar	(at 70 bar) kN	dm³ / min.	r.p.m.	kg	kg·m²
SIN-L 100	139	67	45	10	72	32	22	66 / 74	70	46/52	2	7000	13.5	0.031
SIN-L 125	161	80	55	10	75	27	37	107 / 107	70	75/75	2	4500	21	0.132
SIN-L 150	176	95	55	10	75	27	41	153 / 153	70	107/107	2	4500	28	0.143
SIN-L 175	181	95	55	10	75	27	41	216 / 216	70	151/151	2	4000	37	0.173

* Total at 30 bar and 50°C.

SIN-L cylinder with W or GSA retractable jaw chuck with spring loaded face driver

