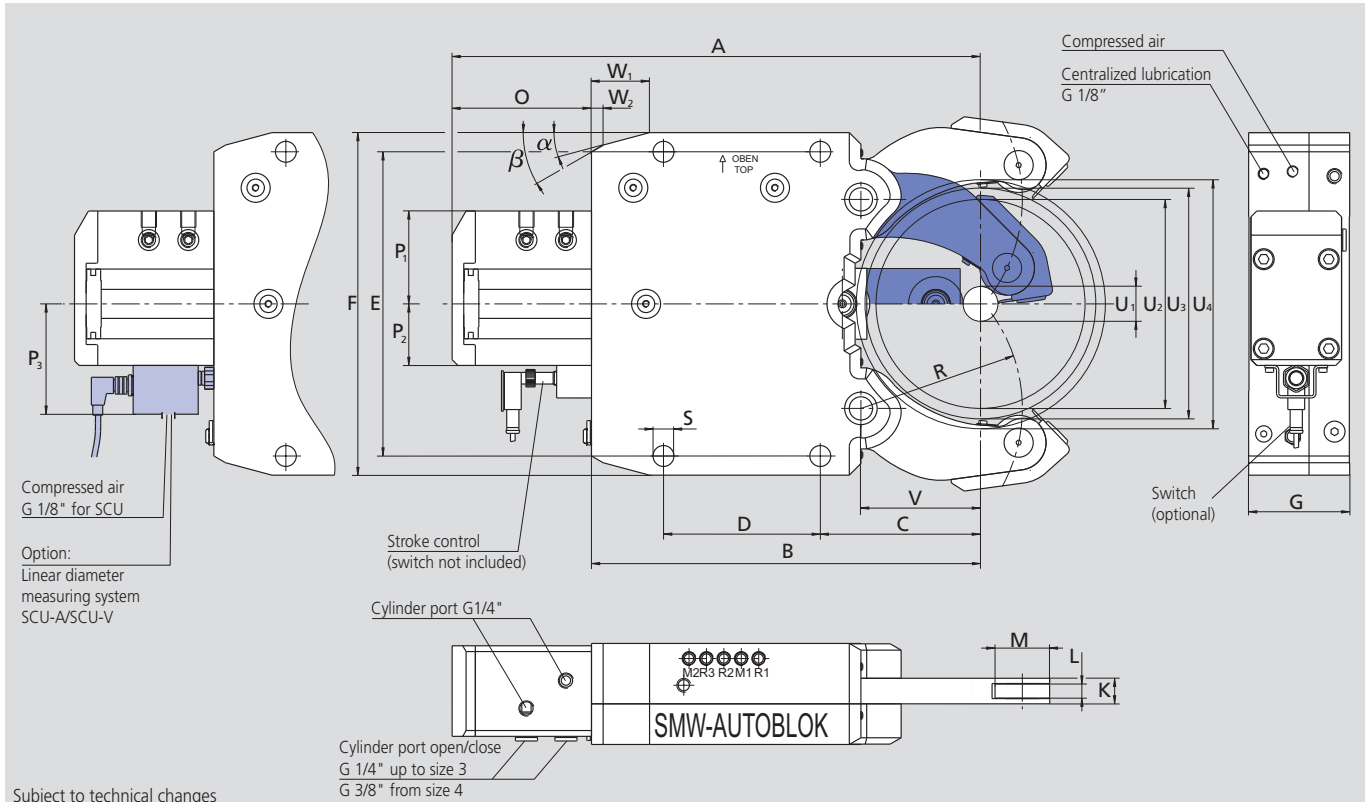


# KLU

Self-centering steady rests  
Premium line

## Narrow arms for crankshafts

- Sealed body
- Integrated coolant flush
- Diameter measuring system or proximity switches



Subject to technical changes  
For more detailed information please ask for customer drawing

SMW-AUTOBLOK Type Size		KLU 215	KLU 218	KLU 222	KLU 318	KLU 322	KLU 419	KLU 422	KLU 429	KLU 530	KLU 540
Centering range without chip guard	U1	20 (12*)	20 (12*)	20 (12*)	30	30	30	30	30	70	70
with integrated coolant air nozzles	U2	101	101	101	180	180	245	245	245	293	293
Max. interference diameter	U3	116	116	116	215	215	282	282	282	370	370
Max. axial clearing diameter	U4	106	106	106	189	189	253	253	253	330	330
	A	275	275	275	455	455	602	602	602	703	703
	B	195	195	195	335	335	448	448	448	530	530
	C	70	70	70	138	138	146	146	146	198	198
	D	85	85	85	135	135	240	240	240	270	270
	E	170	170	170	262	262	365	365	365	400	400
	F	195	195	195	295	295	405	405	405	440	440
	G	59	62	66	83	87	89	92	99	105	105
	K	15	18	22	18	22	19	22	29	30	40
Roller width	L	8	10	13	10	13	10	13	16	16	20
Roller diameter	M	35	35	35	47	47	52	52	52	62	62
	O	80	80	80	120	120	154	154	154	173	173
	P1	58	58	58	80	80	80	80	80	88	88
	P2	52	52	52	74	74	74	74	74	80	80
	P3	-	-	-	108	108	108	108	108	114	114
	R	74	74	74	139	139	172	172	172	229	229
	S	14	14	14	18	18	23	23	23	23	23
	V	51	51	51	103	103	124	124	124	176	176
	W1	30	30	30	50	50	58	58	58	62	62
	W2	11.2	11.2	11.2	10	10	18.3	18.3	18.3	19	19
	α	15°	15°	15°	15°	15°	15°	15°	15°	18°	18°
	β	30°	30°	30°	30°	30°	40°	40°	40°	40°	40°
Piston area	cm <sup>2</sup>	12.5	12.5	12.5	28.3	28.3	28.3	28.3	28.3	50.2	50.2
Operation pressure min./max.	bar	8/50	8/65	8/80	8/60	8/75	8/70	8/80	8/80	8/70	8/80
Max. clamping force/roller	daN	210	270	335	565	700	660	750	750	1170	1340
Centering accuracy within the whole range	mm	0.03	0.03	0.03	0.05	0.05	0.06	0.06	0.06	0.07	0.07
Repeatability accuracy	mm	0.007	0.007	0.007	0.007	0.007	0.01	0.01	0.01	0.01	0.01
Max. roller surface speed	m/min	750	750	750	715	715	700	700	700	700	700
Mass approx.	kg	14	15	16	33	36	70	74	85	100	125

\* The steady rest can be modified to this clamping range if the coolant chip guard is not used