



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

Drain and compressed air
G 1/8" up to size 3.2
G 1/4" from size 4

SMW-AUTOBLOK Type Size		SLU-X 1	SLU-X 2	SLU-X 3	SLU-X 3.1	SLU-X 3.2	SLU-X 4	SLU-X 5	SLU-X 5.1
Centering range without chip guard	U1	6	8	12	20	50	30	45	85
	U2	70	101	152	165	200	245	310	350
Max. axial clearing dia.	U3	75	106	164	172	202	253	320	352
Centering range with chip guard 3-piece	U1	8	12	14	20	50	30	45	85
	U2	70	101	152	165	200	245	310	350
	A	214.5	277	428	436	455	603	697	717
	B	149	195	312	320	335	448	510	530
	C	52	70	115	123	138	146	178	198
	D	66	85	135	135	135	240	270	270
	E	140	170	262	262	262	365	400	400
	F	160	195	295	295	295	405	440	440
	G	63	75	95	95	95	110	145	145
	K	28	35	45	45	45	60	75	75
Width of rollers	L	15	19	25	25	25	25	29	29
Diameter of rollers	M	24	35	47	47	47	52	62	62
Diameter of roller pins	N	8	15	20	20	20	25	30	30
	O	65.5	82	116	116	120	155	187	187
	P1	53	63	85	85	85	91	97	97
	P2	29	40	53	53	53	61	63	63
	P3	-	82	95	95	95	103	105	105
	P4	40	61	74	74	74	82	84	84
	R	55	74	119	124	139	172	209	229
	S	11	14	18	18	18	23	23	23
	V	37	51	85	93	103	128	160	180
	W1	20	30	50	50	50	58	62	62
	W2	5	11.2	10	10	10	18.3	19.1	19.1
	α	15°	15°	15°	15°	15°	15°	18°	18°
	β	45°	30°	30°	30°	30°	40°	40°	40°
Piston area*	cm ²	7	19.6	38.5	38.5	38.5	63.6	78.5	78.5
Operation pressure min. / max.	bar	6 / 70	8 / 70	8 / 80	8 / 80	8 / 80	8 / 70	8 / 80	8 / 80
Max. clamping force / roller	daN	165	450	1000	1000	1000	1500	2000	2000
Centering accuracy within the whole range	mm	0.02	0.02	0.04	0.04	0.04	0.05	0.06	0.06
Repeatability accuracy	mm	0.005	0.005	0.007	0.007	0.007	0.007	0.01	0.01
Max. roller surface speed	m/min	800	800	725	725	725	715	600	600
Weight approx.	kg	8	17	50	51	59	103	168	170

* Cylinders differing from standard available on request.
Subject to technical changes!

- Ordering review
- Accessories
- Wearing parts

SLU-X Steady Rest with stroke control Steady Rest open via proximity switch (without proximity switch)

Steady Rest size		1	2	3	3.1	3.2	4	5	5.1
SLU-X-M Manual lubrication	Id. No.	127563	129001	129018	129196	129234	129141	129278	129291
SLU-X-Z Central lubrication oil	Id. No.	127562	129000	129020	129195	129235	129140	129280	129292
SLU-X-OLD Central lubrication oil + air	Id. No.	127564	129002	129019	129197	129236	129142	129279	129293
SLU-X-F Central grease lubrication	Id. No.	129761	129762	129763	129764	129765	129766	129767	129768

SLU-X Steady Rest with stroke control Steady Rest open / closed via proximity switch (without proximity switch)

Steady Rest size		1	2	3	3.1	3.2	4	5	5.1
SLU-X-M Manual lubrication	Id. No.	126155	222390	221912	223890	222400	on request	on request	on request
SLU-X-Z Central lubrication oil	Id. No.	126154	221116	221151	221152	221153	221154	221155	221156
SLU-X-OLD Central lubrication oil + air	Id. No.	126156	227175	221913	on request	on request	on request	on request	on request
SLU-X-F Central grease lubrication	Id. No.	on request	on request	221914	225348	225349	on request	on request	on request

SLU-X Steady Rest with stroke control via linear stroke control SCU, output 4-20 mA

Steady Rest size		1	2	3	3.1	3.2	4	5	5.1
SLU-X-Z Central lubrication oil	Id. No.	-	225830	225831	225832	225833	222513	222183	225834

SLU-X Steady Rest with stroke control via linear stroke control SCU, output 0-10 V

Steady Rest size		1	2	3	3.1	3.2	4	5	5.1
SLU-X-Z Central lubrication oil	Id. No.	-	on request	on request	on request	on request	on request	on request	on request

Type SLU-X

◆ denotes wearing parts, recommended stock items

Steady Rest size		1	2	3	3.1	3.2	4	5	5.1
Compact lubrication system for oil pressure lubrication Container 2.7 l, 220 V *,**		088707	088707	088707	088707	088707	088707	088707	088707
Compact lubrication system for oil & air lubrication Container 2.7 l, 220 V *,**		088708	088708	088708	088708	088708	088708	088708	088708
Eccenter fine adjustment compl. at lever arm (2 pcs. per Steady Rest)		-	127237	127240	127240	127240	128474	128584	128584
Inductive limit switch		087926	087926	087926	087926	087926	087926	087926	087926
Swarf guard 3-pieces	◆	126171	026116	026117	026117	026117	026118	026119	026119
Spring loaded chip-guard***	◆	226668	025760	025759	025759	025759	025758	025757	025757
Roller pin with collar***	◆	226656	225317	221112	221112	221112	204052	125824	125824
Roller stripper (2-pieces) for middle piece	◆	200155	200154	198950	198950	198950	196199	196200	196200
Rollers cylindrical design	◆	023122	016952	016951	016951	016951	016953	018345	018345
Rollers spherical design	◆	028738	017658	018433	018433	018433	018443	019545	019545
Rollers synthetic material****	◆	225135	029451	023443	023443	023443	023672	023650	023650
Roller stripper (2-pieces) for middle piece with roller synthetic material	◆	-	204211	204212	204212	204212	204213	204215	204215
Rollers carbide	◆	224747	129223	129225	129225	129225	220918	222038	222038
Adjustment device 1 set = 3 pieces		-	-	200178	200178	200178	200179	200179	200179

* When placing an order please advise voltage.

** On request 110 V available.

*** Use of spring located chip-guard only possible in combination with roller pin with collar.

**** Attention: Reduced clamping force! Please refer to the clamping force value marked on the roller.