

SMW-AUTOBLOK

Extra compact

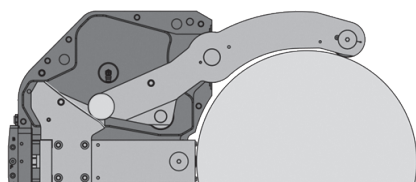
Steady Rest

Type RX

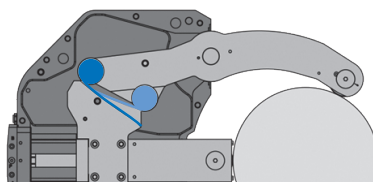


Double curve system

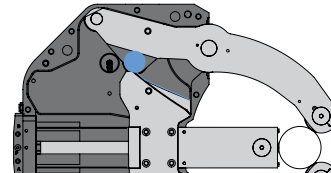
proofline® series
fully sealed – low maintenance



Cam 1 is driving **roller 1**.
They cover the first 50% of the clamping stroke.



Cam 2 and **roller 2** are taking over
in the transition zone between **Cam 1**
and **roller 1**.



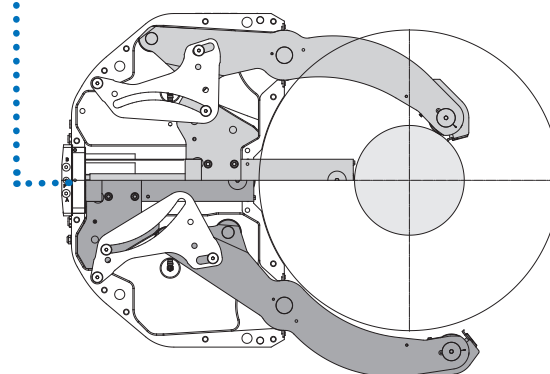
Cam 2 is driving **roller 2**.
They cover the second 50% of the clamping stroke.

Features included in standard range

Steady Rest type	Premium line
	RX
Steady Rest size	2 - 6.1
Sealed body	■
Safety valve (integrated in pressure booster)	■
Stroke control without proximity switch	■
1 set swarf guard with integrated coolant flush*	■
1 set cylindrical rollers	■
Port for compressed air	■
Port for coolant through arms incl. chip guard	■
Toolbox	■

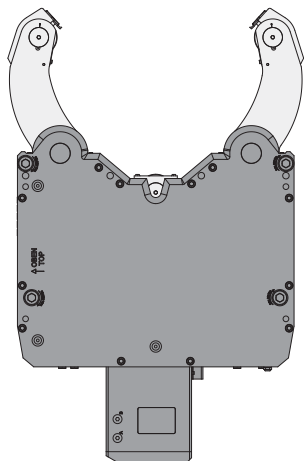
* No integrated coolant flush at RX2, at RX3 optional

Integrated hydraulic cylinder with pressure booster

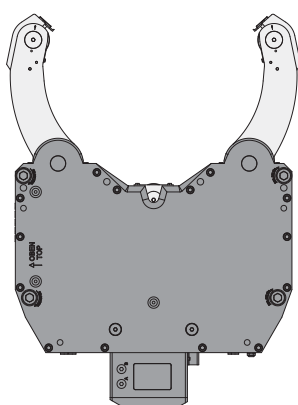


Size comparison

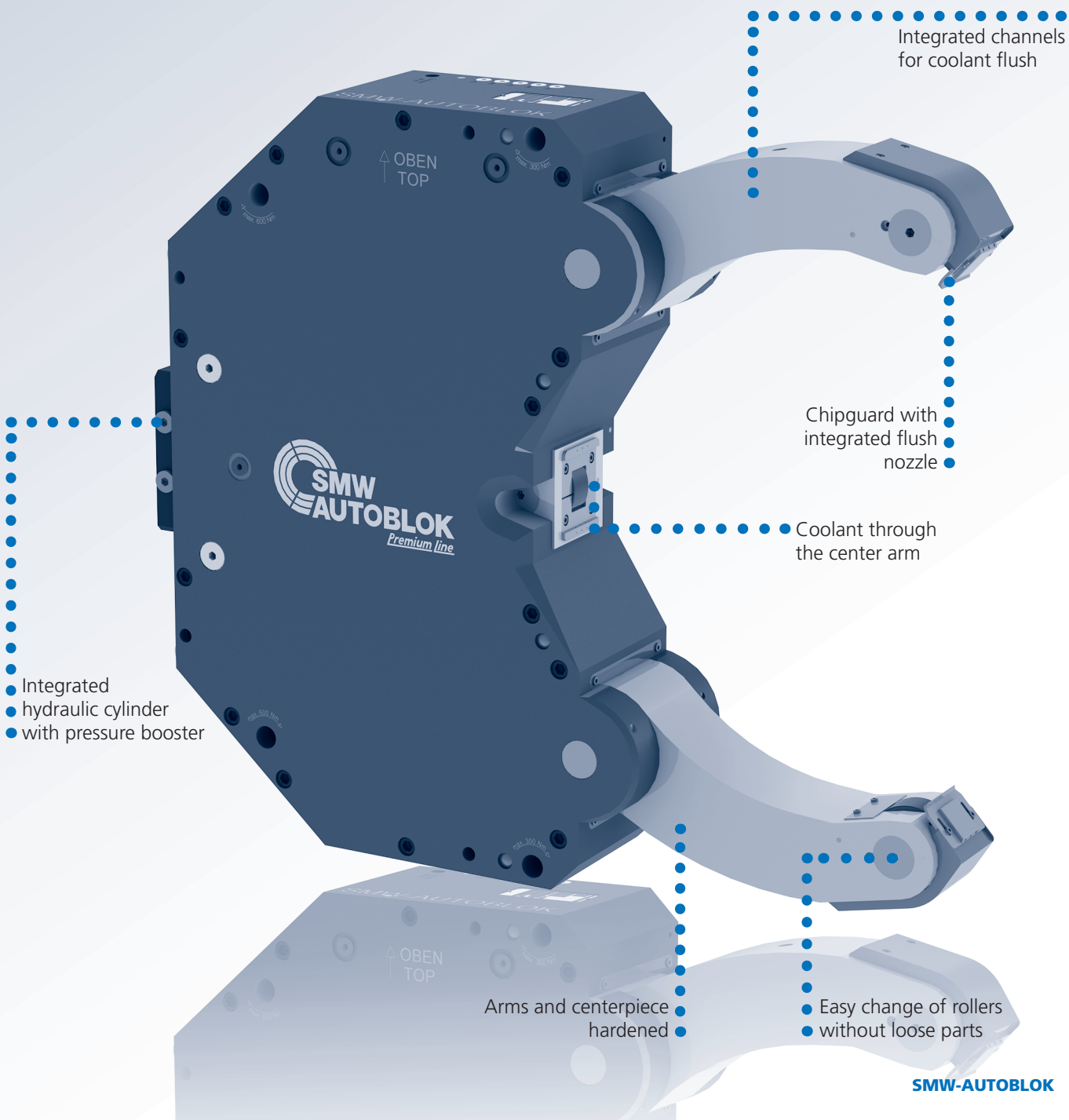
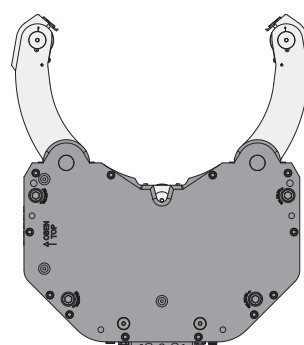
SR 6
Clamping range
125 - 460 mm



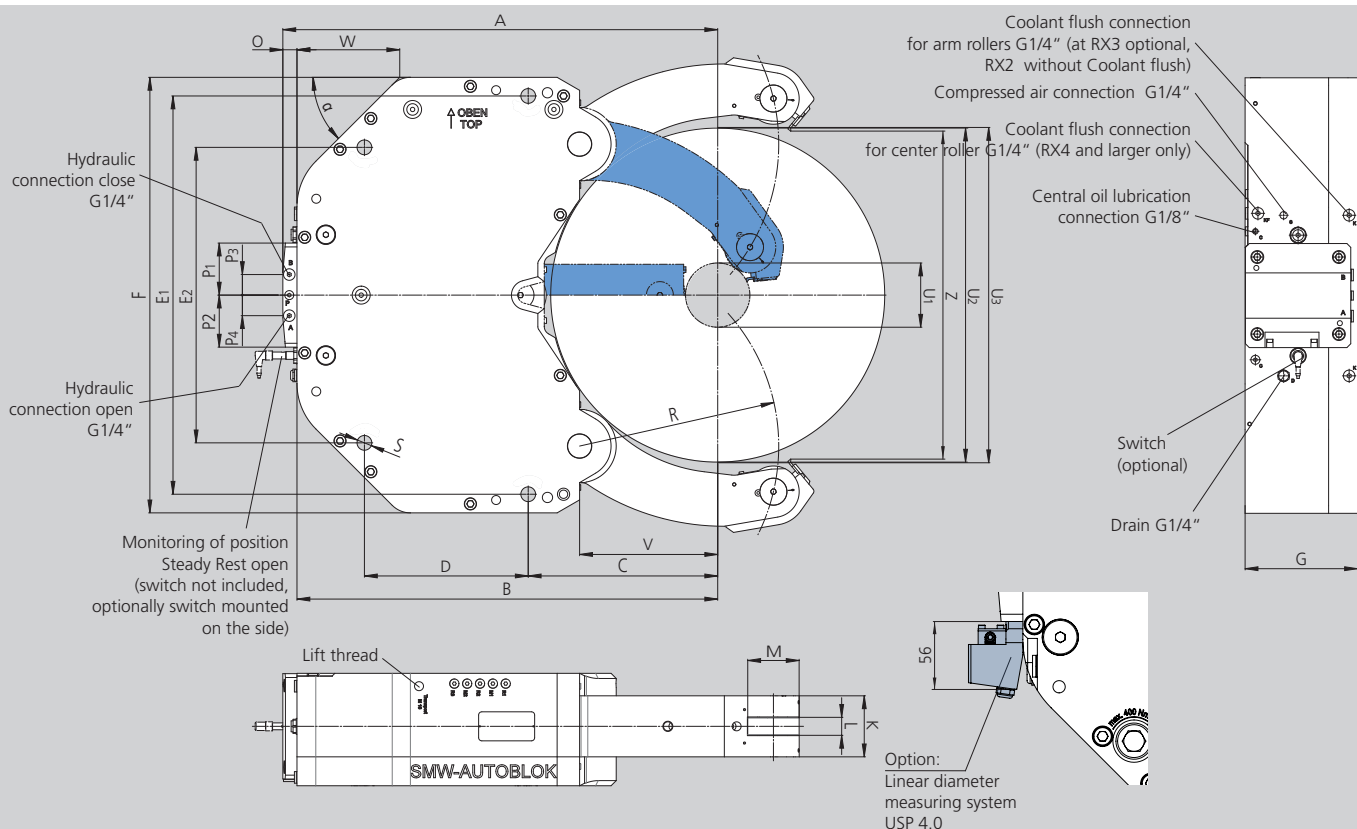
K 6.1
Clamping range
215 - 510 mm



RX 6
Clamping range
100 - 520 mm



- Integrated cylinder
- Chip guard with coolant nozzles
- Stroke control with proximity switch
- proofline® = fully sealed - low maintenance



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

proofline® series
fully sealed - low maintenance

SMW-AUTOBLOK Type Size		RX 2	RX 3	RX 4	RX 5	RX 6	RX 6.1
Centering range with coolant chip guard	U1	10	20	35	75	100	250
Max. clamping diameter*	U2	210	270	340	430	520	685
Max. axial clearing diameter	U3	216	275	345	432	522	687
	A	367	430	504	599	677	792
	B	313	408	482	577	655	770
	C	110	140	170	225	295	370
	D	145	170	220	235	255	290
	E1	340	400	460	490	620	720
	E2	315	340	360	360	460	520
	F	380	440	500	530	678	760
	G	110	150	155	165	175	175
	K	60	75	80	85	95	95
Width of rollers	L	19	25	25	29	29	29
Diameter of rollers	M	35	47	52	62	80	80
	O	54	22	22	22	22	22
	P1	79	81	81	81	81	81
	P2	79	81	81	81	81	81
	P3	24	30	30	30	30	30
	P4	24	30	30	30	30	30
	R	132	164	210	270	310	395
	S	14	18	23	23	23	23
	V	85	118	148	200	215	285
	W	48	108	121	175	160	197 / 45.6
Chip guard / with coolant flush / without coolant flush	Z	206/213***	270 / 279	332.8	432	510.6	682
	α	45°	45°	45°	38°	45°	40° / 60°
Piston area	cm²	12,56	12,56	12,56	12,56	19,63	19,63
Operating pressure min. / max. „close“ **	bar	10/50	10 / 60	10 / 50	10 / 65	10 / 60	10 / 60
Operating pressure min. / max. „open“ **	bar	20/50	20 / 60	20 / 50	20 / 65	20 / 60	20 / 60
Max. clamping force / roller	daN	450	1000	1500	2000	3000	3000
Centering accuracy over the whole range	mm	0,08	0,08	0,1	0,1	0,1	0,1
Repeatability accuracy	mm	0,007	0,007	0,01	0,01	0,01	0,01
Max. roller surface speed	m/min	800	725	715	600	560	560
Weight approx.	kg	60	120	152	190	295	325

* Can be loaded axially. Radial loading is possible, without chip guard.

** 240 bar in the cylinder created by the pressure booster (ratio 1:4 RX2 + RX3). 375 / 485 / 450 bar in the cylinder created by the pressure booster (ratio 1:7.5 RX4-6.1).
In case a lower pressure for the function „Steady Rest close“ is needed, two independent pressure regulators for open and close have to be installed.

*** The RX 2 has no coolant flush. Dimension Z is w/o the 3 pcd. Chip guard.

- Ordering review
- Accessories
- Wearing parts

RX Steady Rest with stroke control Steady Rest open via proximity switch (without proximity switch)

Steady Rest size		2	3	3 (incl. flush)	4	5	6	6.1
RX-M Manual lubrication	Id. No.	on request	on request	227773	227370	226501	226975	on request
RX-Z Central lubrication oil	Id. No.	228250	224670	224690	224700	224200	224140	224220
RX-OLD Central lubrication oil + air	Id. No.	on request	227570	on request	on request	on request	227310	on request
RX-F Central grease lubrication	Id. No.	on request	on request	227234	227235	227332	226900	on request

RX Steady Rest with stroke control via linear stroke control USP 4.0, output 4 - 20 mA

Steady Rest size		2	3	3 (incl. flush)	4	5	6	6.1
RX-M Manual lubrication	Id. No.	on request	on request	on request	on request	on request	on request	on request
RX-Z Central lubrication oil	Id. No.	228701	228702	228703	228704	228705	228706	228707
RX-OLD Central lubrication oil + air	Id. No.	on request	on request	on request	on request	on request	on request	on request
RX-F Central grease lubrication	Id. No.	on request	on request	on request	on request	on request	on request	on request

RX Steady Rest with stroke control via linear stroke control USP 4.0, output 0 - 10V

Steady Rest size		2	3	3 (incl. flush)	4	5	6	6.1
RX-M Manual lubrication	Id. No.	on request	on request	on request	on request	on request	on request	on request
RX-Z Central lubrication oil	Id. No.	228801	228802	228803	228804	228805	228806	228807
RX-OLD Central lubrication oil + air	Id. No.	on request	on request	on request	on request	on request	on request	on request
RX-F Central grease lubrication	Id. No.	on request	on request	on request	on request	on request	on request	on request

Type RX

◆ means wearing parts, recommended stock items

Steady Rest size		2	3	3 (incl. flush)	4	5	6	6.1
Compact lubrication system for oil pressure lubrication Container 2.7 l, 220 V *, **		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
Eccenter fine adjustment compl. at lever arm (2 pcs. per Steady Rest)		228290	224665	224665	224694	224193	224196	224196
Inductive limit switch		087926	087926	087926	087926	087926	087926	087926
Swarf guard (3-pieces)	 ◆	026116	026117	-	-	-	-	-
Swarf guard coolant / air with wiper		-	-	224697	125797	125816	125837	125837
Wiper for swarf guard coolant / air	 ◆	-	-	124026	126904	126888	126694	126694
Roller stripper for middle piece (2-pieces)	 ◆	200154	198950	198950	200151	200152	203268	203268
Roller cylindrical design	 ◆	016952	016951	016951	016953	018345	026594	026594
Roller spherical design	 ◆	017658	018433	018433	018443	019545	121302	121302
Roller synthetic material ***	 ◆	029451	023443	023443	023672	023650	227357	227357
Roller stripper (2-pieces) for middle piece with roller synthetic material	 ◆	204211	204212	204212	204214	204216	-	-
Roller carbide	 ◆	129223	129225	129225	220918	222038	on request	on request
Adjustment device 1 set = 3 pcs.		200178	200178	200178	200179	200179	200179	200179

* When placing an order, please advise voltage.

** On request 110 V available.

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

It might not be possible to reach this grip force, when using the standard pressure booster. An exchange to a special ratio pressure booster might be necessary.