Cylinder accessories → Shock absorbers

Industrial shock absorber, Series SA2-MS

► for MSC-08, MSC-12, MSC-16, MSC-20, MSC-25 ► cushioning: self-compensating ► sealing for piston rod: Lip ring ► Mounting thread: M6x0,5 - M14x1,5 ► Max. energy absorption/stroke: 1 - 30 Nm

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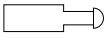
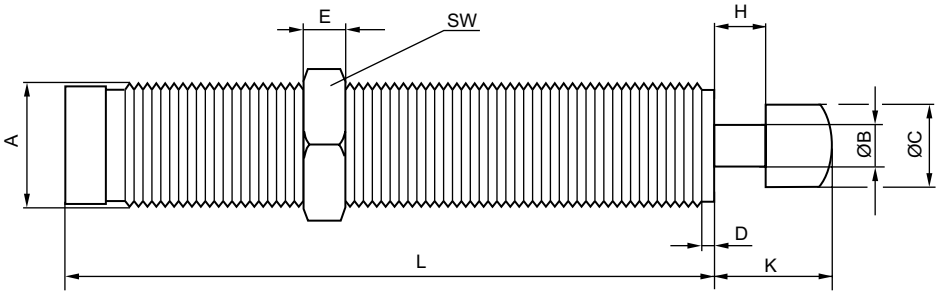
Ambient temperature min./max.	-20°C / +80°C
Medium	Oil
Mounting	Lock nut
Materials:	
Cylinder tube	Steel, bronzed
Piston rod	Stainless steel, hardened
Lock nut	Steel, bronzed
Stop	Polyoxymethylene

The delivered product varies from that in the illustration. See the drawing for an exact description.

	Type	Stroke	for	Effective mass me min./max.	Return spring force min./max.	Max. energy absorption/stroke	Part No.
		[mm]		[kg]	[N]	[Nm]	
	SA2-MS	5	MSC-08	0.8 / 2.8	2 / 5	1	R412010459
		6	MSC-12MSC-16	3.5 / 10	2 / 5	3	**R402000758**
		10	MSC-20	10 / 28	4 / 10	8	**R402000759**
		14	MSC-25	3 / 26	13 / 23	30	**R402000760**

Part No.	Max. energy absorption/hour	Mounting thread	Weight	Delivery unit
	[Nm/h]		[kg]	
R412010459	3000	M6x0,5	0.003	1
R402000758	14100	M8x1	0.015	
R402000759	26000	M12x1	0.035	
R402000760	50000	M14x1,5	0.05	

Dimensions



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H = stroke
A = mounting thread

Part No.	Type	Mounting thread	ØB	ØC	D	E	H	K	L	SW	
R412010459	SA2-MS	M6x0,5	2	5	2	3	5	10	27	8	
R402000758	SA2-MS	M8x1	2.5	6	2.5	3	6	12	41	11	
R402000759	SA2-MS	M12x1	4	10	2.5	4	10	18	52	14	
R402000760	SA2-MS	M14x1,5	4	10	2.5	5	14	21.5	78.5	17	