

AVENTICS Series SA2 Industrial shock absorbers

The AVENTICS Series SA2 industrial shock absorbers were created for AVENTICS actuators. They Series SA2 decelerate reliably moving masses and thereby increase process speed, production quality, the service life of production facilities and reduce operating noise.



Technical data

Industry	Industrial
Type	SA2-RC
Mounting thread	M14x1,5
Stroke	9.5 mm
Max. energy absorption/stroke	20 Nm
Max. energy absorption/hour	40000 Nm
Cushioning	self-compensating
Medium	Oil
Min. ambient temperature	0 °C
Max. ambient temperature	60 °C
Effective mass m_e min.	100 kg
Effective mass m_e max.	420 kg
Min. return spring force	23 N
Max. return spring force	35 N
Mounting	Lock nut
Weight	0.06 kg

Material

Material cylinder tube	Steel, chrome-plated
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Industrial shock absorber, Series SA2-RC

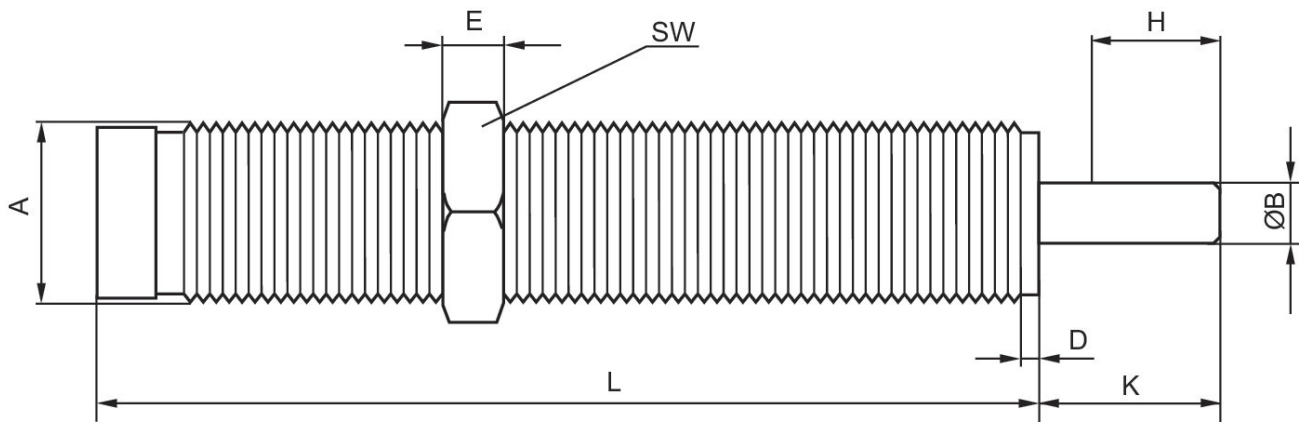
Series SA2

R412010089

2023-10-25

Surface cylinder tube	bronzed
Material piston rod	Stainless Steel
Surface piston rod	hardened
Material lock nut	Steel, chrome-plated
Surface lock nut	bronzed
Part No.	R412010089

Dimensions



H = stroke
A = mounting thread

Part No.	For series	Mounting thread	ØB	D	E	H	K	L	SW
R412004751	RCM-12	M8x1	2.5	2.5	3	6	9	44	11
R412004752	RCM-16	M10x1	3	2.5	3	6	9	49.5	13
R412004753	RCM-20	M12x1	4	2.5	4	8.5	11	65	14
R412010089	RCM-25	M14x1,5	4	2.5	5	9.5	14	69	17