

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	M12x1
Stroke	8.5 mm
Max. energy absorption/stroke	16 Nm
Max. energy absorption/hour	30000 Nm
Cushioning	self-compensating
Medium	Oil
Min. ambient temperature	0 °C
Max. ambient temperature	60 °C
Effective mass m_e min.	17 kg
Effective mass m_e max.	510 kg
Min. return spring force	3.5 N
Max. return spring force	7 N
Mounting	Lock nut
Weight	0.035 kg

Material

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

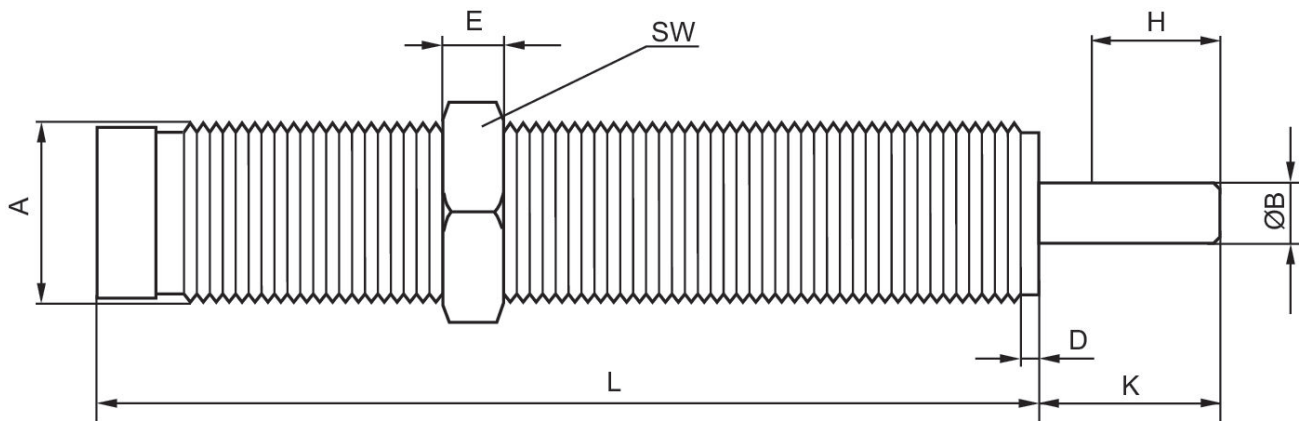
Series SA2

R412004753

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.	R412004753

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