

# Adjustable shock absorber



## RMSA

## Can be adjusted

### - Standard part with locknut and knob

#### - Materials:

Body: blackened steel

Rod: stainless steel

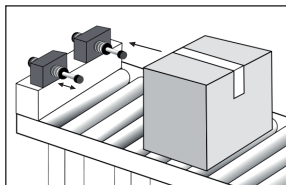
- Adjustment. The adjustment ring is calibrated from 0 to 9. The adjustment knob is secured by a set screw which must be slackened with a 1.5mm Allen key before carrying out adjustment (do not remove completely). After installing the shock absorber, cycle the machine a few times and alter the adjustment so that optimum deceleration is achieved. For hard impact at start of stroke turn ring towards 9, for harder impact at the end of the stroke, turn towards 0. Retighten the set screw.

- Max. impact velocity 3,6m/s

- Working temperature -12° to +90°C

- Stroke end stop and anti-noise buffer are both integrated

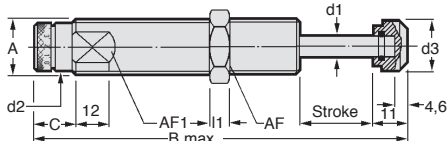
- Max. side local angle: 2°  
(except RMSA-900 : 1°)



Typical application

### Uses

- Upon impact of the load the piston moves back causing an immediate build up of internal pressure. Oil is then allowed to pass through the metering orifices bringing the load smoothly to rest. Fast reset is assured by an anti-return valve and spring incorporated in the piston.



### DISCOUNTS

Qty	1+	4+	6+
Disc.	List -10%	On request	

### Accessories

- Universal flange **STC...**

- Stroke end stop **MF...**

Part number	Stroke (mm)	A	B	C	d1	d2	d3	l1	AF	AF1
RMSA-500	19,00	M20 x1,5	118	13,5	4,8	17,0	17,0	8	23	18
RMSA-600	25,40	M25 x1,5	143	16,5	6,3	22,4	23,0	10	30	23
RMSA-900	40,00	M25 x1,5	189	16,5	6,3	22,4	23,0	10	30	23

Part number	Max. energy capacity (Nm)		Effective weight (kgme)		Return spring force		Rod reset time		Price each 1 to 3
	per cycle W3	per hour W4	Min (kg)	Max (kg)	Min. (N)	Max. (N)	Weight (S) (kg)		
RMSA-500	25	45 000	2,30	226	5	10	0,10	0,13	✓ 170,08 €
RMSA-600	68	68 000	9,00	1 360	10	30	0,20	0,31	✓ 234,61 €
RMSA-900	100	90 000	14,00	2 040	10	35	0,40	0,40	- 326,31 €

\*Depending on availability - Dimensions in mm

**HPC**

WEB  
04/2020

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## Our other products



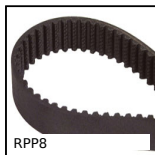
DB  
Steel bevel gear, 2:1



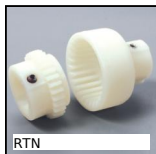
BCA  
Steel splined collar,  
Steel



UCF\_PBT  
Stainless  
steel/Polymer flanged  
bearing, Polymer and  
stainless steel



RPP8  
RPP heavy duty  
timing belt, RPP8



RTN  
BoWex® curved tooth  
gear coupling, Nylon



BTC20\_10  
End cap for  
rectangular tube,  
Standard



RTTss  
Locking assembly,  
Medium/high torque



PTAF80-PAMF80  
Articulated fixable  
foot with pressed  
base Ø80, Ø 80



PRF-GPA  
Guide for aluminium  
profile, Parallel rails



F7-P-AM  
Multifunction display,  
Magnetic ring

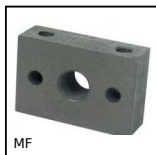


RHTtcss  
High Temperature  
Castor, up to 200kg



HK  
Manual locking clamp,  
Manual locking clamp  
LWH

## Complementary products



MF  
Shock Absorber  
-universal flange,  
Universal fixing



STC  
Shock Absorber - stop  
collar, Universal  
flange



DZY  
Cylindrical stop, Steel



DPAR\_DKON  
Progressive stop,  
Steel