

# Adjustable shock absorber



## RMSA

## Can be adjusted

### - Standard part with locknut and knob

#### - Materials:

Body: blackened steel

Rod: stainless steel

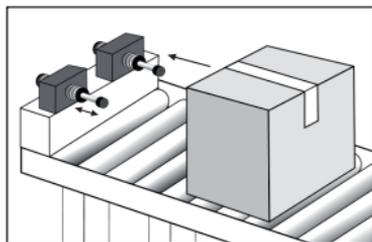
- Adjustment. The adjustment ring is calibrated from 0 to 9. The adjustment knob is secured by a set screw which must be slackened with a 1.5mm Allen key before carrying out adjustment (do not remove completely). After installing the shock absorber, cycle the machine a few times and alter the adjustment 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

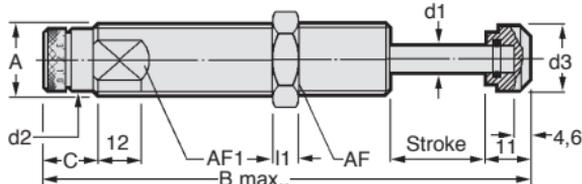
- Max. side local angle: 2°  
(except RMSA-900 : 1°)



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 x 1,5	118	13,5	4,8	17,0	17,0	8	23	18
RMSA-600	25,40	M25 x 1,5	143	16,5	6,3	22,4	23,0	10	30	23
RMSA-900	40,00	M25 x 1,5	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		Weight (kg)	Price each 1 to 3
	per cycle W3	per hour W4	Min (kg)	Max (kg)	Min. (N)	Max. (N)	(S)			
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

www.hpceurope.com

Tél: 0 825 88 5000 Service 0,15 €/min + prix appel

## Our other products



PTA100ssEB

Articulated foot with sheet metal base  
Ø100, 15000N



GTC

Belt tensioner, For standard applications



CHAE4080PA

Symmetrical decorative screwed hinge, Polyamide



PRF\_BV

Screw block, Panel addition and fastening



H2

Crossed helical gear crossed axis at 90°, Steel 20NCD2



SCH

Horizontal hook toggle clamp, Horizontal Hook clamp - stainless steel



AC

Strike for toggle latch, 12mm



RBN

Wheel, Rubber tyre - Polypropylene rim



CQA30

Accessory for adjustment slide-system, 30



CHTRP

Single and dual output gearboxes, Up to 87,3Nm



P70

Worm and wheel gear reducer, up to 164 Nm



BABPass

Hardened stainless steel ball pin with ring, With grip ring

## Complementary products



MC

Self-compensating shock-absorber, Self-compensating - without adjust...



STC

Shock Absorber - stop collar, Universal flange



MF

Shock Absorber -universal flange, Universal fixing



DZY

Cylindrical stop, Steel