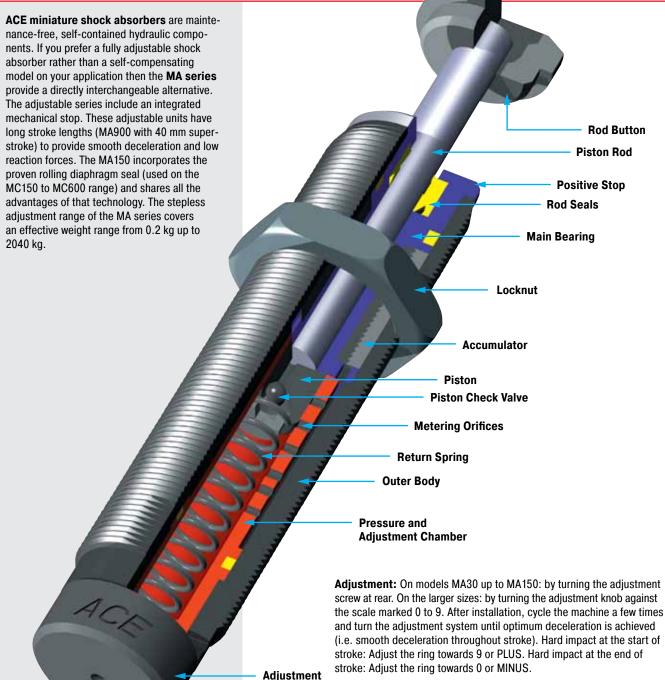
Miniature Shock Absorbers MA

Adjustable



Knob

stroke: Adjust the ring towards 0 or MINUS.

Impact velocity range: Ensure that effective weight of application is within the range of the unit chosen. Special range units available on request

Material: Shock absorber body: Nitride hardened steel. Accessories: Steel with black oxide finish or nitride hardened. Piston rod: Hardened stainless steel.

W₄ capacity rating: (max. energy per hour Nm/hr) If your application

exceeds the tabulated W_4 figures consider additional cooling i.e. cylinder exhaust air etc. Ask ACE for further details.

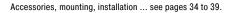
Mounting: In any position. If precise end position datum is required consider use of the optional stop collar type AH. Install a mechanical stop 0.5 to 1 mm before end of stroke on FA1008.

Operating temperature range: 0 °C to 66 °C

On request: Weartec finish (seawater resistant). Other special finishes available to special order.



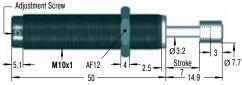
MA30EUM Adjustment Screw



RF8 Rectangular Flange

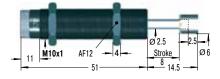


MA50EUM-B for use on new installations



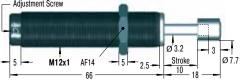
Accessories, mounting, installation ... see pages 34 to 39.

FA1008VD-B still available in future



Accessories, mounting, installation ... see pages 34 to 39.





Accessories, mounting, installation ... see pages 35 to 39.

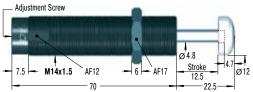
RF12 M12x1



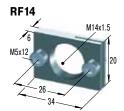


Clamp Mount

MA150EUM



M14x1 also available to special order Accessories, mounting, installation ... see pages 35 to 39.

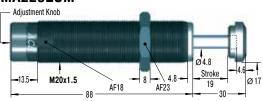


Rectangular Flange

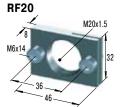


Clamp Mount

MA225EUM



Accessories, mounting, installation ... see pages 36 to 39.

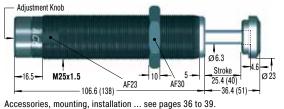


Rectangular Flange



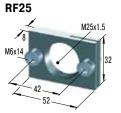
Clamp Mount

MA600EUM and MA900EUM

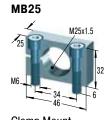


Dimensions for MA900EUM in ()

MA600EUML with M27x3 available to special order



Rectangular Flange



Clamp Mount

Available without rod end button on request. Models MA600EUM/MA900EUM available with clevis mounting.

Capacity Chart									
	Max. Energy Capacity		Effective Weight me						
			Adjustable						
Туре	W ₃	W_4	me min.	me max.	Min.	Max.	Rod	¹ Max. Side	Weight
Part Number	Nm/Cycle	Nm/h	kg	kg	Return Force	Return Force	Reset Time	Load Angle	kg
					N	N	S	•	
MA30EUM	3.5	5 650	0.23	15	1.7	5.3	0.3	2	0.013
FA1008VD-B	1.8	3 600	0.2	10	3	6	0.3	2.5	0.026
MA50EUM-B	5.5	13 550	4.5	20	3	6	0.3	2	0.025
MA35EUM	4	6 000	6	57	5	11	0.2	2	0.043
MA150EUM	22	35 000	1	109	3	5	0.4	2	0.06
MA225EUM	25	45 000	2.3	226	5	10	0.1	2	0.13
MA600EUM	68	68 000	9	1 360	10	30	0.2	2	0.31
MA900EUM	100	90 000	14	2 040	10	35	0.4	1	0.4

¹ For applications with higher side load angles consider using the side load adaptor (BV) pages 34 to 38.

Issue 1.2013 Specifications subject to change