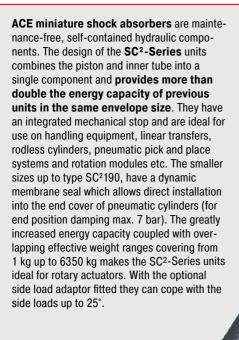
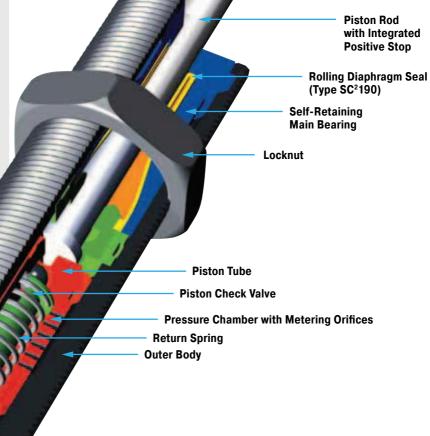
Miniature Shock Absorbers SC225 to SC2650

Self-Compensating



"Combined piston and inner tube – increased energy capacity up to 200 %!"



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.

Mounting: In any position. If precise end position datum is required consider use of the optional stop collar type AH.

Operating temperature range: 0 $^{\circ}\text{C}$ to 66 $^{\circ}\text{C}$

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

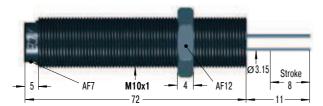


Rod Button

Miniature Shock Absorbers SC²25 to SC²650

Self-Compensating

SC25EUM



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

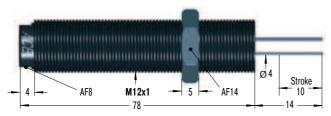
RF10 M10x1

Rectangular Flange

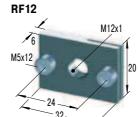


Mounting Block

SC75EUM



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



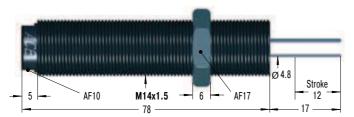
Rectangular Flange



Mounting Block

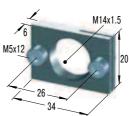
MB14SC2

SC190EUM



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

RF14

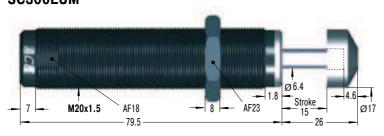


Rectangular Flange

M14x1.5

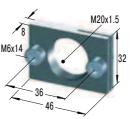
Mounting Block

SC300EUM



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

RF20

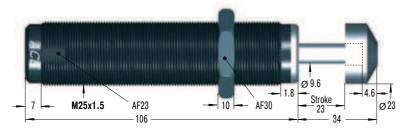


Rectangular Flange



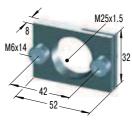
Mounting Block

SC650EUM



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

RF25



Rectangular Flange



Mounting Block

Capacity Chart												
	Max. Energ	y Capacity	Effective Weight me									
			Soft				Hard					
Туре	W_3	W_4	-5	-6	-7	-8	-9	Min. Return	Max. Return	Rod Reset	¹ Max. Side	Weight
	Nm/Cycle	Nm/h	min. max.	min. max.	min. max.	min. max.	min. max.	Force	Force	Time	Load Angle	kg
			kg	kg	kg	kg	kg	N	N	s	۰	
SC25EUM	10	16 000	1 - 5	4 - 44	42 - 500	-	-	4.5	14	0.3	2	0.027
SC75EUM	16	30 000	1 - 8	7 - 78	75 - 800	_	_	6	19	0.3	2	0.045
SC190EUM	31	50 000	2 - 16	13 - 140	136 - 1 550	_	-	6	19	0.4	2	0.060
SC300EUM	73	45 000	11 - 45	34 - 136	91 - 181	135 - 680	320 - 1 950	8	18	0.2	5	0.164
SC650EUM	210	68 000	23 - 113	90 - 360	320 - 1 090	770 - 2 630	1 800 - 6 350	11	33	0.3	5	0.315

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