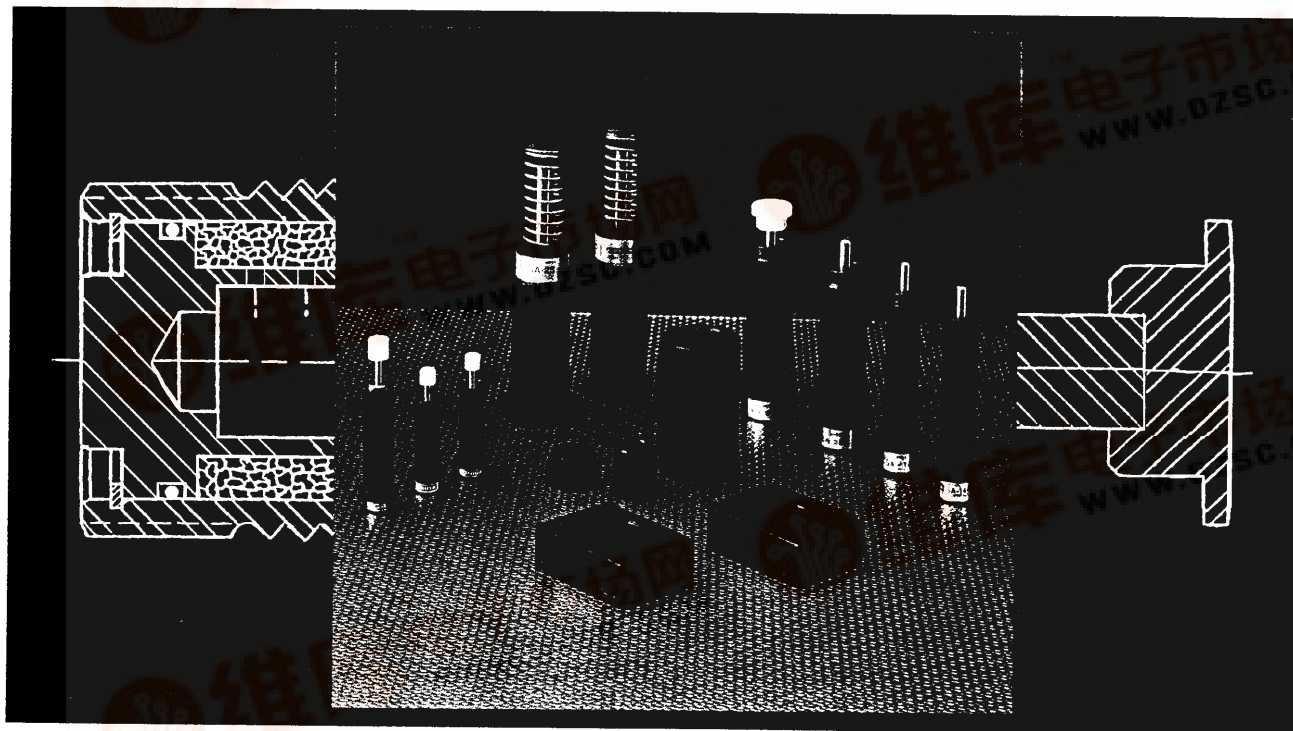


Non Adjustable Shock Absorbers



Series

SA10 SA10S SA12 SA14 SA14S SA14S2 SA20 SA20S SA20S2 SAI25 SAI25S SAI25S2

Impact speeds 0.3 - 4.5 m/s (0.15 - 2.2 m/s for SA10 Series)

Operating Temperature Range -40 - +82°C (-10 - +70°C for SA 10 Series)

Effective Weights 1 - 2273 kg

Steel Bodies with black oxide finish for optimum heat dissipation

Piston Rod high tensile steel, hardened and chrome plated for optimum wear resistance and strength

Performance Table

Series	Page No.	Stroke (mm)	Effective Weight me (kg)		Max Energy Capacity (Nm)		Return Force (N)		Max Side load angle	Weight (kg)
			Min.	Max.	per cycle W ₃	per hour W ₄	Min.	Max.		
SA 10		5.8	1	7	3	22050	3	6	3°	0.015
SA 10 S		5.8	3.2	13	3	22050	3	6	3°	0.015
SA 12		10	0.9	16	8.5	28250	4.5	11	3°	0.040
SA 14		12.5	0.9	10	17	34000	4	7	5°	0.125
SA 14 S		12.5	8.6	86	17	34000	4	7	5°	0.125
SA 14 S2		12.5	68	205	17	34000	4	7	5°	0.125
SA 20		12.5	2.3	25	25	45000	5.5	9.3	5°	0.176
SA 20 S		12.5	23	230	25	45000	5.5	9.3	5°	0.176
SA 20 S2		12.5	182	910	25	45000	5.5	9.3	5°	0.176
SAI 25		25.4	9	136	68	68000	18.9	36.6	5°	0.327
SAI 25 S		25.4	113	1130	68	68000	18.9	36.6	5°	0.327

■ SA 20 ■ SA 20 S

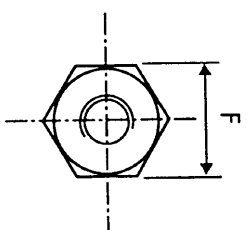
■ SA 20 S 2

Included with unit:

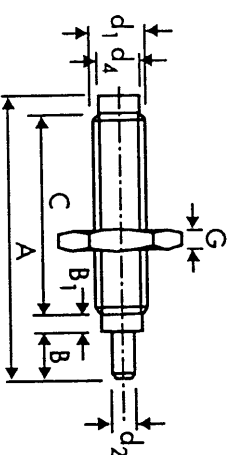
- 1 Lock Nut
- Integral Stop Collar

Optional Extras:

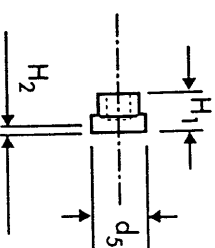
- Universal Mount
- Soft Pad



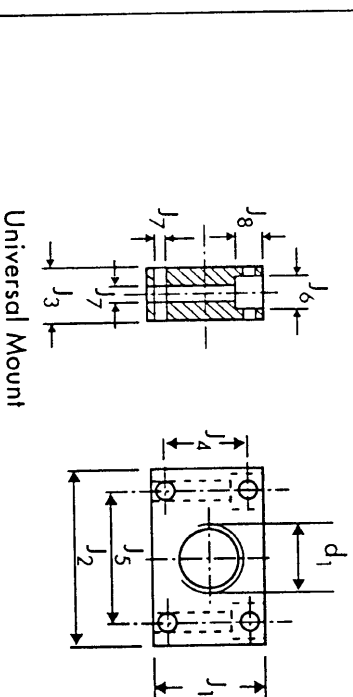
Lock Nut



Shock Absorber



Soft Pad



Universal Mount

A	B	B ₁	C	d ₁	d ₂	d ₄	d ₅	F	G
89	12	5.6	61.7	M 20 × 1.5	6.4	16.9	17	24	6
H ₁	H ₂	J ₁	J ₂	J ₃	J ₄	J ₅	J ₆	J ₇	J ₈
10.7	4.75	35	47	16	25.4	35	10.4	5.5	10.4

Ident-No.

Ident-No.

Ident-No.

Ident-No.

SA 20 7930

SA 20 S 7937

SA 20 S 2 7938

Soft Pad 7934
Lock Nut 7939

Universal Mount 7932