



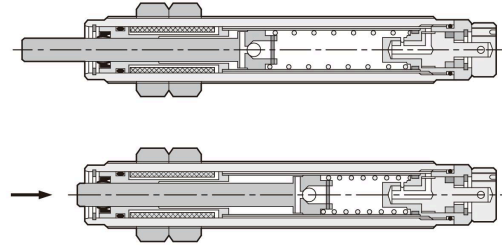
SAC(D) series - Shock absorber

Specification and Order expression

CHELIC PNEUMATIC



Internal structure



CJ-M
Float joint

M V
Manually operated valve

SA
Shock absorber

SHR
Hydraulic regulator

SL
Silencer

P S
Rod end

Specification

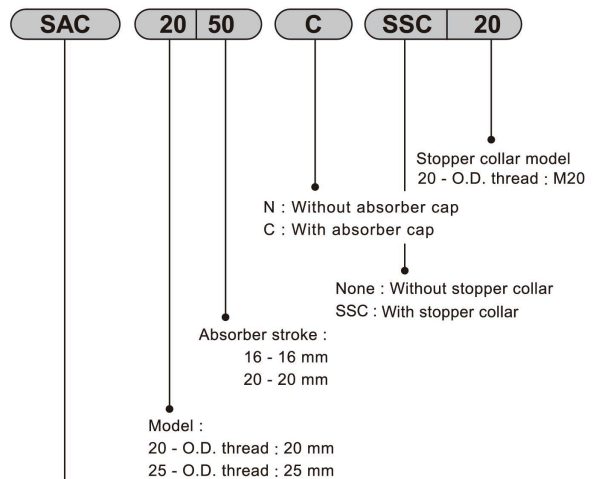
Item	Model	SAC / Non adjustable									SAD / Adjustable					
		SAC - 0806	SAC - 1008	SAC - 1210	SAC - 1416	SAC - 2020	SAC - 2050	SAC - 2525	SAC - 2540	SAC - 3660	SAD - 1410	SAD - 2016	SAD - 2525	SAD - 2540	SAD - 3650	SAD - 4250
Max energy absorption	N · m	2	4	5	20	40	60	80	120	250	20	25	85	100	300	500
Stroke absorption	mm	6	8	10	16	20	50	25	40	60	10	16	25	40	50	50
Max. absorber per hour	kgf	122	360	2000	3060	4100	4100	6630	7350	11100	2040	3200	6350	7350	11100	13000
Max. impact force	kgf	55	70	90	200	300	300	400	400	750	55	136	400	400	750	850
Max. allowable thrust	kgf	6	9	22	54	87	87	153	220	222	36	68	204	204	222	250
Max. impact speed	m / s	1.0					2.0				1.0		2.0		4.5	
Ambient temperature	°C	-10 ~ 60									-10 ~ 60					
Weight	g	11	20	32	90	215	300	330	430	1030	90	230	350	455	1100	1490
Stopper collar (Optional)		SSC-8	SSC-10	SSC-12	SSC-14	SSC-20		SSC-25		SSC-36	SSC-14	SSC-20	SSC-25		SSC-36	SSC-42

How to select shock absorbers

Model 5 kgf/cm ²	Ø10	Ø12	Ø16	Ø20	Ø25	Ø32	Ø40	Ø50	Ø63	Ø80	Ø100
	Cylinder thrust	3.9	5.7	10	15.7	24.5	40	62.8	98	155	251
SAC - 0806											
SAC - 1008											
SAC - 1210											
SAC - 1416											
SAD - 1410											
SAC - 2020											
SAD - 2016											
SAC - 2050											
SAC - 2525											
SAD - 2525											
SAC - 2540											
SAD - 2540											
SAC - 3660											
SAD - 3650											

1. Applied pressure in 5 kgf/cm².
2. Cylinder speed at 0.5 m / sec.
3. Load below 1/2 of cylinder thrust.
4. Data base on horizontal motion.
5. This table is for reference only.

How to order



SAC : Non adjustable - shock absorber
 SAT : Non adjustable - shock absorber
 SAD : Adjustable - shock absorber