

SCP*3

CMK2

CMA2

SCM

SCG

SCA2

SCS2

CKV2

CAV2/
COVPIN2

SSD2

SSG

SSD

CAT

MDC2

MVC

SMG

MSD/
MSDG

FC*

STK

SRL3

SRG3

SRM3

SRT3

MRL2

MRG2

SM-25

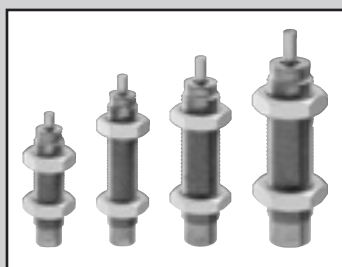
ShkAbs

FJ

FK

Spd
Contr

Ending



Shock absorber

SKL Series

- Max. energy absorption: 0.2 to 3.6J

RoHS

Specifications

Item		SKL				
Model No.		SKL-0804	SKL-0805	SKL-1006	SKL-1208	
Max. energy absorption		J	0.2	0.5	1.2	3.6
O.D. thread size		mm	M8x0.75		M10x1.0	M12x1.0
Stroke		mm	3.5	4.5	6	8
Max. absorbed energy per hour		kJ/hr	0.9	2.4	4.3	12.9
Max. colliding speed		m/s	1.0			
Max. operating frequency		Cycle/min.	80		60	
Ambient temperature		°C	-10 (14°F) to 60 (140°F)			
Max. allowable thrust		N	40	158	281	687
Max. load (rated resistance)		N	152	277	484	1064
Required mounting strength		N	456	831	1452	3192
Return time		s	0.3 or less			
Weight		g	9	12	20	40
Return	When extended	N	3.3	3.3	2.3	3.4
Spring force	When compressed	N	4.6	4.6	4.2	5.9

Note: The speed and absorption capacity of the shock absorber vary depending on the ambient temperature.
Values given in the above specifications are for room temperature.

How to order

SKL - 08 05

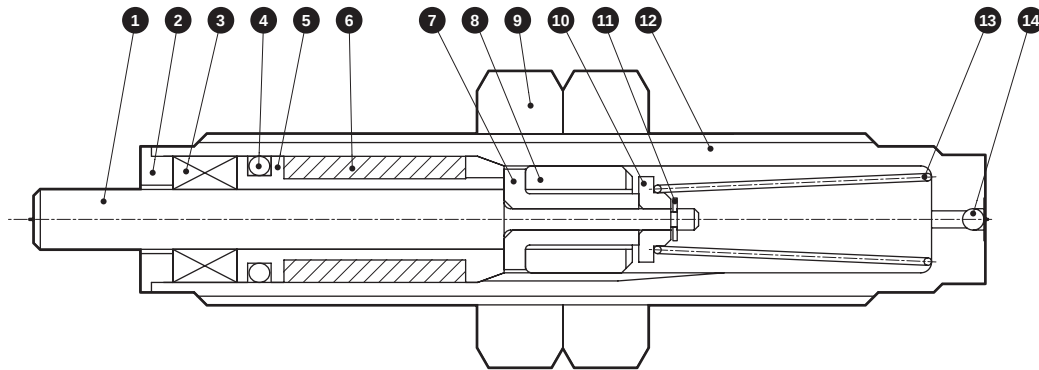
Model No.

A Thread size

B Stroke

Code	Description			
A Thread size				
08	M8x0.75			
10	M10x1.0			
12	M12x1.0			
B Stroke (mm)				
Thread size		08	10	12
04	3.5 mm	●		
05	4.5 mm	●		
06	6 mm		●	
08	8 mm			●

Internal structure and parts list

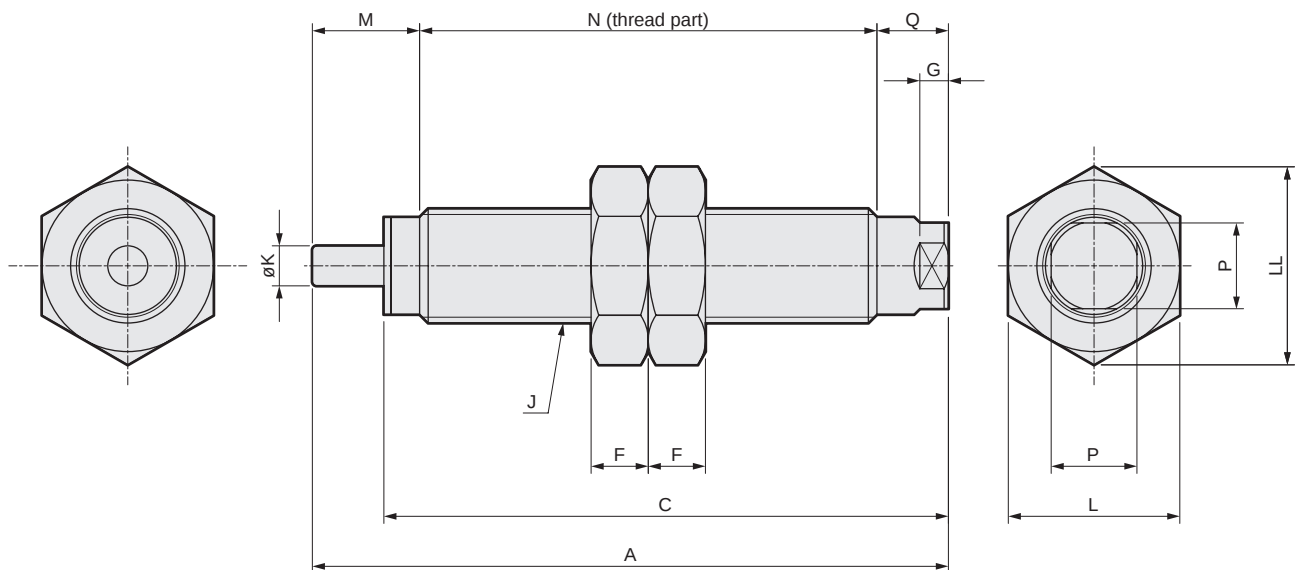


Cannot be disassembled

Parts list

No.	Part name	Material	Remarks	No.	Part name	Material	Remarks
1	Piston rod	Steel	Industrial chrome plating	8	Piston	Cast iron	
2	Cover	Stainless steel		9	Hexagon nut	Steel	Zinc plated
3	Oil seal	Special nitrile rubber		10	Valve stopper	Steel	
4	O-ring	Nitrile rubber		11	E type snap ring	Stainless steel	
5	Rod guide	Aluminum alloy		12	Damper case	Steel	Nickel plating
6	Air chamber	Nitrile rubber		13	Spring	Piano wire	
7	Valve	Steel		14	Steel ball	Steel	

Dimensions



Model No.	A	C	F	G	J	K	L	LL	M	N	P	Q
SKL-0804	34.5	30.5	4	2	M8x0.75	2.8	12	13.9	6.5	23	6	5
SKL-0805	44.5	39.5	4	2	M8x0.75	2.8	12	13.9	7.5	32	6	5
SKL-1006	49	42.5	4	2	M10x1.0	3	14	16.2	9	34	8	6
SKL-1208	56	47.5	5	2	M12x1.0	3.5	17	19.6	12	37	10	7