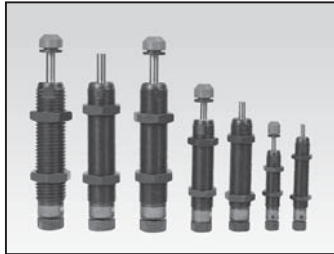
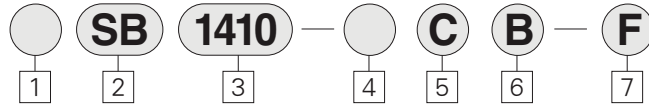


# Shock Absorber Series SB



● Control design

## How to Order



1 A nut Standard  
Blank : mm nut (PT)  
U : Inch nut (NPT)

2 Shock Absorber  
SB : Standard (Black Coating)

3 Type of nut × Stroke  
Adjustable Type

Model	Thread	Stroke(mm)
1410	M14×P1.5	10
4225	M42×P1.5	25
2015	M20×P1.5	15
4250	M42×P1.5	50
2525	M25×P1.5	25
4275	M42×P1.5	75
2725	M27×P3.0	25
6450	M64×P2.0	50
3625	M36×P1.5	25
64100	M64×P2.0	100
3650	M36×P1.5	50
64150	M64×P2.0	150

Non-Adjustable Type

Model	Thread	Stroke(mm)
1006	M10×P1.0	6
2525	M25×P2.0	25
1415	M14×P1.0	15
2530	M25×P2.0	30
1420	M14×P1.0	20
2550	M25×P2.0	50
2020	M20×P1.5	20
2580	M25×P2.0	80
2030	M20×P1.5	30
3680	M36×P1.5	80
2050	M20×P1.5	50

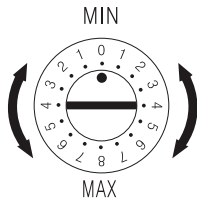
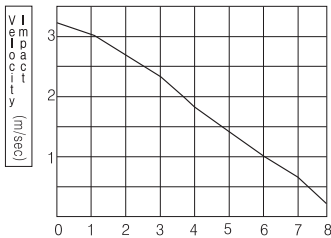
4 Option  
Blank : None  
1 : Light Weight (only applies to compensator M10~M36 series)  
2 : Standard (only applies to compensator M10~M36 series)  
3 : Reinforced (only applies to compensator M14~M36 series)

5 Cap  
Blank : None  
C : with CAP

6 Control Dial  
Blank : None  
B : control dial

7 Option  
Blank : Two Lock Nuts basis.  
F : SQUARE FLANGE (Applied to Adjustable M36~M64 series only)  
S : STOP COLLAR (Applied to Adjustable M8~M36 series only)  
U : URETHANE CAP (Applied to Adjustable M36~M64 series only)  
NK : Nickel coated

## How to use Adjustable Dial



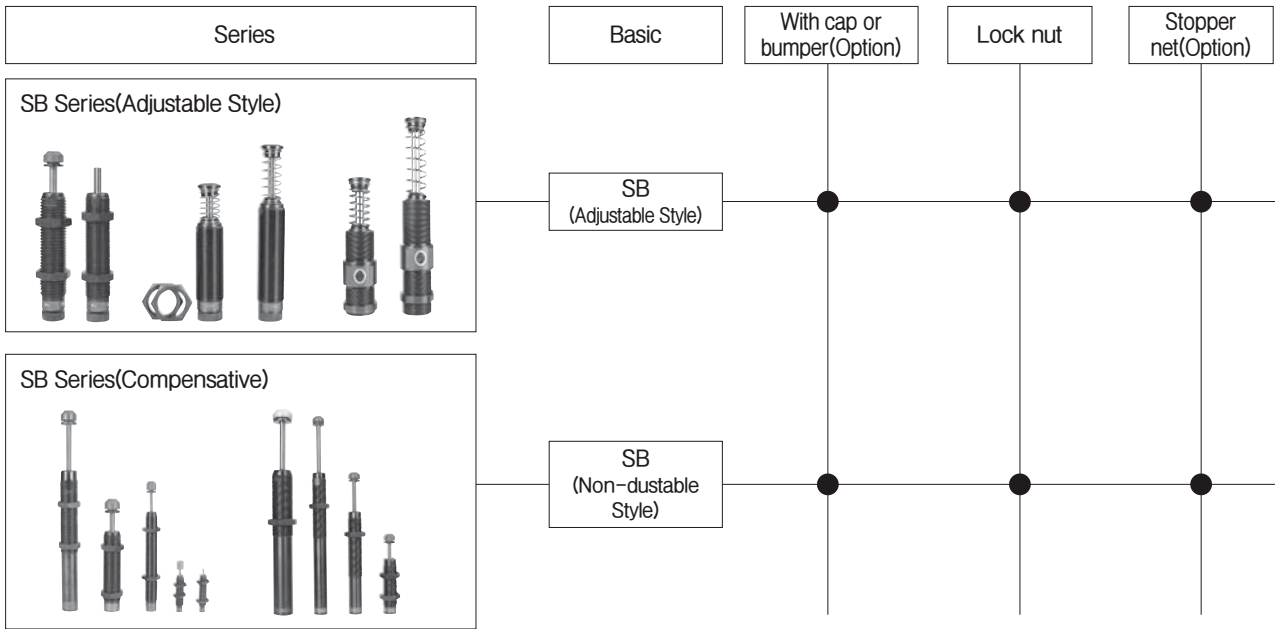
Comment) • The outer measurements are subject to change for improvements without notifications.

## Directions and Applications of Advantage

Items	Characterization	Directions	Applications	Applicable Range
SB Series Standard (Miniature · Middle-Size)	<ol style="list-style-type: none"> <li>Using the 360°-rotating damping control dial, the range of shock absorption can be adjusted by the user according to the impact velocity.</li> <li>Prepares for another cycle by quickly retrieving the piston rod with a specially designed spring.</li> <li>Extends the life span of the product by preventing the corrosion with finishes on the outer cylinder and coroding the chrome plating on the piston rod.</li> <li>The thermal energy is established based on the atmospheric temperature of 20°C(68°F).</li> </ol>	<ol style="list-style-type: none"> <li>After adjusting the damping control dial, fasten it with a wrench.</li> <li>Check if the effective weight is within the applicable range.</li> <li>With the insertion of a poly pad in the end button of the road, the noise decreases 3~7dB.</li> <li>It can be attached on any location.</li> </ol>	<ol style="list-style-type: none"> <li>Automation Lines</li> <li>Automobile Equipments</li> <li>Conveyor Equipments</li> <li>Linear Movement of Oil Insertion</li> <li>Wrappers</li> <li>Textile Weavers</li> <li>Press/adherers</li> </ol>	-20°C ~ 60°C (-4~140°F)
SB Series (Heavy Duty)	<ol style="list-style-type: none"> <li>Improves the productivity by increasing the acceleration of the equipment.</li> <li>Reduces the manufacturing cost by extending the life span of the shock-absorbing equipments.</li> <li>Improves the operational efficiency by reducing the noise inside the manufacturing facility.</li> <li>Improves and maintains the quality by preventing damages of the products.</li> <li>Maximum Impact Velocity: 0.05~3.3 m/sec.</li> <li>Range of Applicable Temperature: -20~60°C(-4~140°F).</li> <li>When using Vitar seal and specialized oil, the range extends to -40~120°C(-40~248°F).</li> </ol>			
SB Series long-stroke type	<ol style="list-style-type: none"> <li>With its innovative multiple-orifice structure, it definitely stops the Robot softly when extruding the materials.</li> <li>Maximum Impact Velocity: Less than 3.5 m/sec</li> <li>Maximum Applicable Temperature: -20~60°C(-4~140°F).</li> </ol>			

- ACP/ UACP
- APM
- AS
- AX
- AM
- AM2
- AL/ ALX
- AQ/ UAQ
- ADQCP
- AQ2/ UADQ2
- AG/ UAG
- NGQ/ UNGQ
- AJ/ AJM
- ABK
- NSK
- GX/ AGX
- NDM
- ADR
- AMR/ UAMR
- NST
- AST
- ASTH
- NF
- NLCD
- NLCS
- TCRL
- NP
- ARD/ UARD
- NR
- ASL
- SB
- SAH
- CR/ CV
- CR/ CV-AQ2,ADQ2
- CR/ CV-AX
- CR/ CV-NLCD
- CR/ CV-AGL
- DR100
- RS
- DV1000/ 3000/4000
- DS300
- DS2000

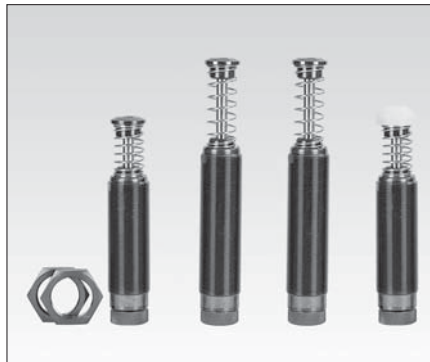
# Shock Absorber Series SB



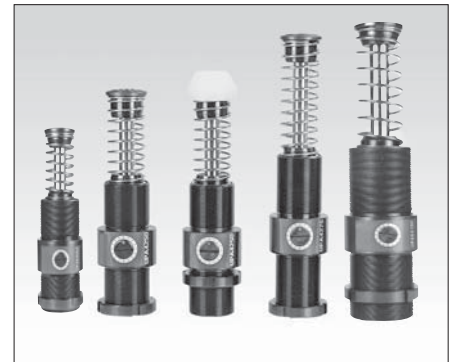
## Shock Absorber



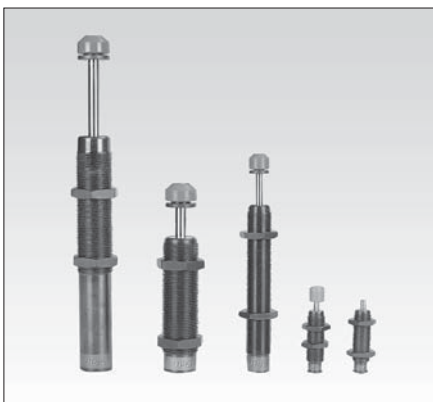
Adjustable Style SB (Small size) SB1410~2725 Series



Adjustable Style SB (Middle size) SB3625~3650 Series



Adjustable Style SB (Big size) SB4225~64150 Series



Non-Adjustable Style SB (Basic) SB1006~2525 Series



Non-Adjustable Style SB (Long-Stroke) SB2030~3680 Series