

TDA / TDS Series

TDA (adjustable type) & TDS (self-adjusting type) Shock Absorber Series

Actuator
Cylinder

TDA&TDS Series



- Absorbs thermal energy comprehensively and provides high flexibility for installation
- Improved Corrosion resistance with special film treating
- Stop collar not required for using steel head, and noise reduced with Poly pad or Urethane cap
- Highly durable bearing
- Velocity range : 0.1 - 5m/s
Low speed : optional
- Temperature coverage : -10 - 80°C
Special : -40 - 120°C

How to Order

TDM **1210** **(S)** **C** — **SC**
1 2 3 4 — 5

1 Shock Absorber

TD : Series
 A : Adjustable
 S : Self-adjusting

2 Thread × Stroke

TDA Adjustable Type
 1210 : M12 X 1,0P X 10
 1412 : M14 X 1,5P X 11
 1612 : M16 X 1,5P X 11
 2015 : M20 X 1,5P X 14
 2025 : M25 X 1,5P X 25
 2725 : M27 X 3,0P X 25
 2725F : M27 X 1,5P X 25
 3625 : M36 X 1,5P X 25
 3650 : M36 X 1,5P X 50

TDS Self-adjusting Type
 1008 : M10 X 1,0P X 08
 1210 : M12 X 1,0P X 10
 1415 : M14 X 1,5P X 15
 1415F : M14 X 1,0P X 15
 2020 : M20 X 1,0P X 15
 2525 : M25 X 2,0P X 25
 2525F : M25 X 1,5P X 25

3 Effective Weight

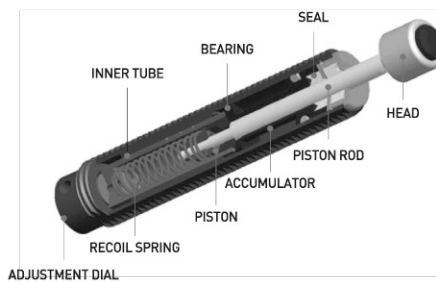
Blank : Soft
 M : Medium
 H : Hard

4 CAP

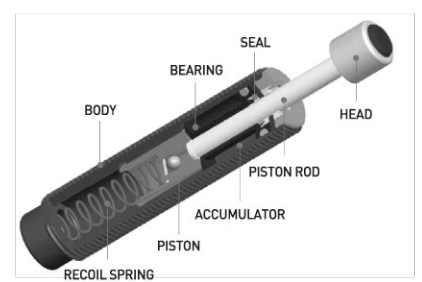
Blank : None
 C : w/cap

5 Option

Blank : 2EA of lock nut (basic)
 SC : Stop collar
 RF : Rectangular flange (only for TDA36)
 SA : Side load adapter
 CM : Clamp mount
 UC : Urethane cap (only for TDA36)



TDA series



TDS series

● Description

TDA Series have an adjustment dial, which can set 12 finite steps according to the impact velocity condition with advanced wide dampening control range.

TDS Series have an ability to adjust and control deceleration force by self-compensating according to the impact velocity.

TDA & TDS Series have achieved 200% of energy absorption with expanded effective weight coverage compared to former products.