

# PET Shock Absorbers

Ideal for stretch rod & mold applications



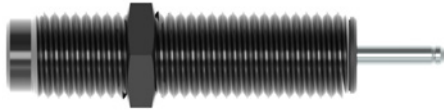
**Reduce**  
downtime &  
component wear

**Longer life:**  
Lab tested to over  
20 million cycles\*  
\*PET20 & 27

**Increase**  
production &  
system performance

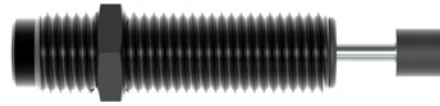
## Product Models

### PET27EUM / PET25EUM (M25x1,5)



#### PET27EUM-880 (STANDARD ROD)

Used with universal or part #: 1311366907  
Series 2 shock holders



#### PET27EUM-SBUC (BUTTON WITH URETHANE INSERT)

Used with Krones®, Sidel® Series 1 & 2 shock holders (Part #: 1073679102)



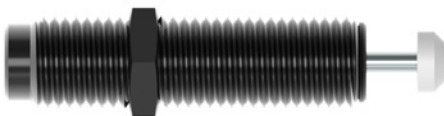
#### PET27EUM-NB (SHORT ROD, NO BUTTON)

-1: Stretch rod without shock holder  
-3: Large molds and specific stretch rods



#### PET27EUM-QCM-880 (QUICK CHANGE MOUNT)

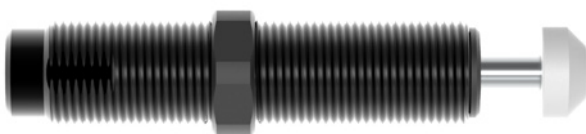
QCM assembly replaces former shocks and Sidel® Series 2 shock holder



#### PET27EUM-03739 (NYLON BUTTON)

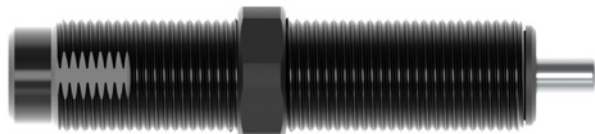
Sidel® large molds, where nylon button is required

### PET20EUM



#### PET20EUM

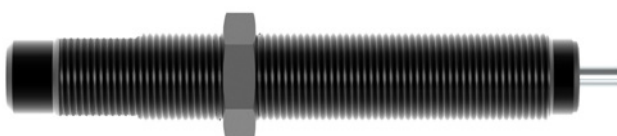
Krones® mold



#### PET20EUM-S

SIDEL® matrix mold

### PET14EUM Both for universal small molds.



#### PET14EUM

Direct fit 0.25" (6 mm) stroke



#### PET14EUM-C\*

OEM version 0.2" (5 mm) stroke

\*Does not have food grade oil.

# Product Selection Guide for Sidel® and Kronos® Blow Mold Machines

## Sidel® Series 1 Machine

Application	Description	Shock Absorber Model
Stretch Rod Down with Sidel Shock Holder	Used with either a short of tall shock holder	PET27EUM-1-SBUC
Stretch Rod Up with Sidel Shock Holder	Used with either a short or tall shock holder	PET27EUM-1-SBUC
Stretch Rod Down without Shock Holder	Used without a Sidel Shock Holder	PET27EUM-1-NB
Stretch Rod Up without Shock Holder	Used without a Sidel Shock Holder	PET27EUM-1-NB
Stretch Rod Up only on Heat Set machines	Heat Set machines Only, No Shock Holder, it is short-stroked and used as a snubber	PET27EUM-3-NB
Mold: Large without rod button	Shock is short stroked and used as a snubber	PET27EUM-3-NB
Mold: Large with Nylon button	Shock is short stroked and used as a snubber	PET27EUM-3-03739

## Sidel® Series 2 Machine

Application	Description	Shock Absorber Model
Stretch Rod Down with Quick Change Mount	Fully assembled with the QCM Mount and ready to install	PET27EUM-1-QCM-880
Stretch Rod Down, Type 1 Sidel Shock Holder	Used with Sidel Shock Holder (PN 1073679102 sold separately)	PET27EUM-1-SBUC
Stretch Rod Down, Type 2 Sidel Shock Holder	Used with Sidel Shock Holder (PN 11311366901 sold separately)	PET27EUM-1-880
Stretch Rod Up only on Heat Set machines	Heat Set machines only, No Shock Holder, short-stroked and used as a snubber	PET27EUM-3-NB
Mold: Large without a button	Shock is short-stroked and used as a snubber	PET27EUM-3-NB

## Sidel® Universal Machine

Application	Description	Shock Absorber Model
Stretch Down	Used with Sidel Shock Holder	PET27EUM-1-880
Stretch Rod Up only on Heat Set machines	Heat Set machines only, No Shock Holder, it is sort-stroked and used as a snubber	PET27EUM-3-NB
Mold Large without a rod button	Shock is short-stroke and used as a snubber	PET27EUM-3-NB
Mold: Small OEM version	Same as OEM model, Steel body with stop cap and urethane bushing	PET14EUM-C
Mold: Small	Direct fit, steel body and short length piston rod for full stroke usage	PET14EUM

## Sidel® Matrix Machine

Application	Description	Shock Absorber Model
Mold Shock	Shock is short-stroked and used as a snubber, no rod button	PET20EUM-S

## Kronos® Machine

Application	Description	Shock Absorber Model
Hanger Mold Shock	M20 thread & nylon button	PET20EUM
Stretch Rod Down with Kronos Shock Holder	All machines with M27 thread and urethane button	PET27EUM-1-SBUC

Kronos® Shock Stop Holder used with SBUC. Additional models available for custom applications.

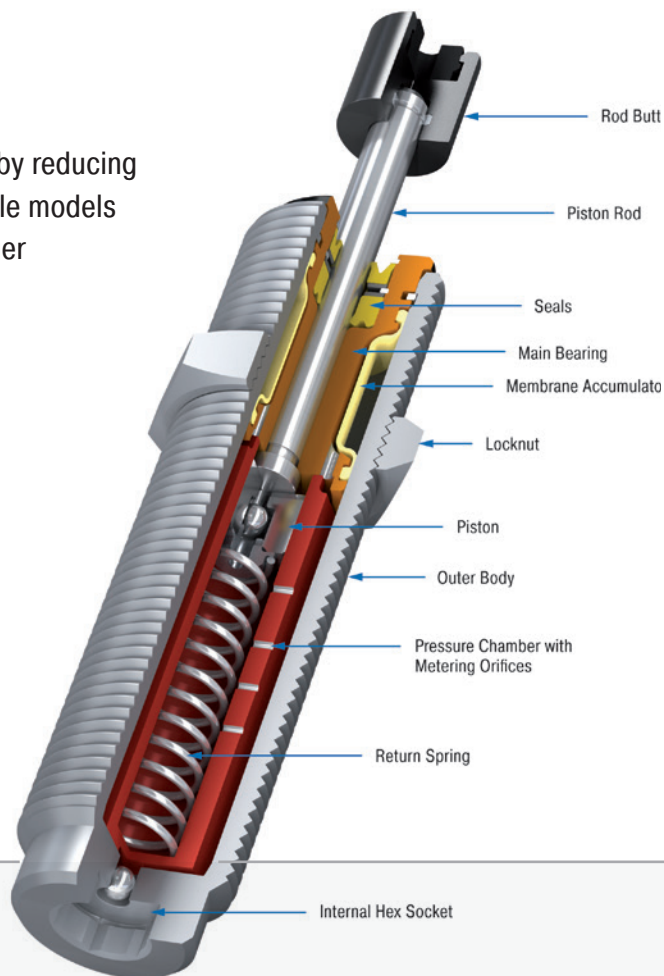
**Contact ACE for application and installation sheets.**

# Next generation materials & design

PET20EUM and PET27EUM optimize blowing machines by reducing cycle time and increasing output with ACE. These durable models are engineered specifically to run faster, hotter and longer in Sidel® and Kronos® blowers.

## Features

- Initial soft-contact
- Fast through-stroke time
- Low effective weight
- Aluminum outer tube
- Chrome-plated piston rod



## Benefits

- Increase production
  - Increase system performance
  - Reduce downtime
  - Reduce component wear
  - Reduce damage-causing impact forces
  - Food grade oil reduces cross-contamination
- PET14EUM-C does not use food grade oil.

- Solves form and fit issues
  - Lifetime warranty
  - Cost-effective
  - Color-coded for easy installation
- (Black = -1 Ultralight, Blue = -2 light, Silver = -3 Medium)

## Product Specifications

Model	Thread	Stroke	Energy Capacity	
			Nm/cycle	Nm/h
		mm		
PET27EUM	M27x3	16 to 18.8	56.50	203,373
PET25EUM	M25x1.5	16 to 18.8	56.50	203,373
PET20EUM	M20x1.5	10 to 11.4	28.25	45,194
PET14EUM	M14x1	4.7 to 6.4	25.40	33,895



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