

**NASON**

NEW THINKING

SC CYLINDERS



**SC Series Conveyor  
Stop Cylinders**

Powerful, lateral stopping  
technology in a durable  
compact package

## Small Size. Big Stopping Power.

Nason's new pneumatic conveyor stop cylinders combine compact, space-saving packaging with the muscle of a larger bore size.



Request Nason's catalog of custom engineered cylinders by calling toll-free 800.229.4955 or visit our website at [www.nasonptc.com](http://www.nasonptc.com)

### **Common Features**

Nason's SC series stop cylinders were designed for today's demanding conveyor systems. With more power in a smaller package, the SC series stop cylinders are offered in seven different mounting styles with three different rod end configurations to fit into almost any design situation.

### **Compact Size**

Nason's SC series cylinders were designed with today's conveyor systems in mind. Five bore sizes with a variety of stroke and rod end options ensure a perfect fit for each application. Nason is able to fit a larger bore size into the same package as comparable competitive products.

### **Rugged Construction**

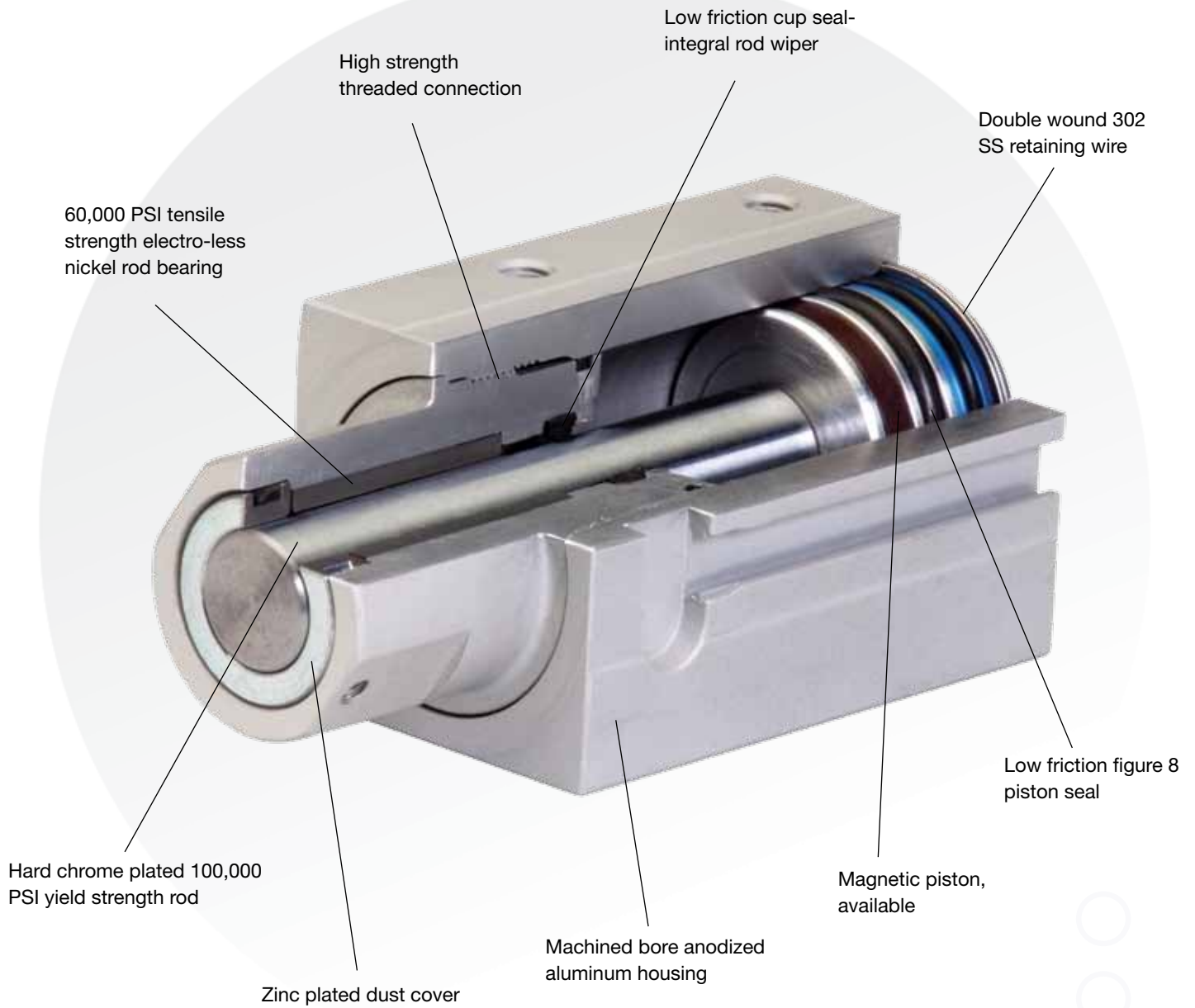
The SC series incorporates 60,000 PSI tensile strength bearings with an oversized 100,000 PSI yield strength rod for maximum stopping power.

### **Versatile Design**

The SC series stop cylinders are metric in design (bore & rod size). They are offered in inch or metric mounting and porting. Five different threaded mounting options and two different flange mounting options ensure an exact fit into today's tight space requirements. Due to their 100% machined design they are easily customized by Nason.

### **Rebuildable**

All SC series cylinders are field rebuildable.



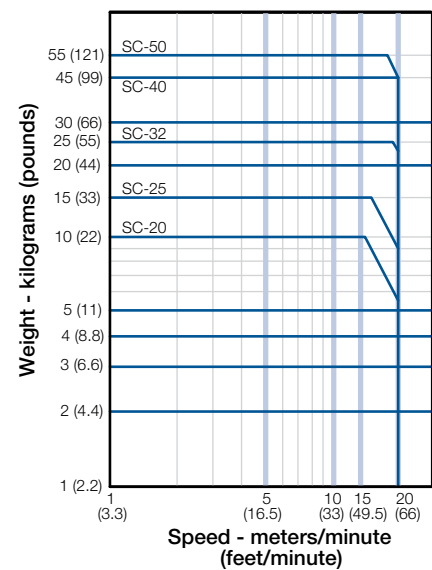
# Specifications

Maximum Operating Pressure:	17 Bar (250 PSI)
Operating Temperature:	-10°C to 95°C (0°F to 200°F)
Packing:	Buna N
Lubrication:	PTFE impregnated grease
Stroke Tolerance:	+1,0mm/-0mm (+0.04"/-0")

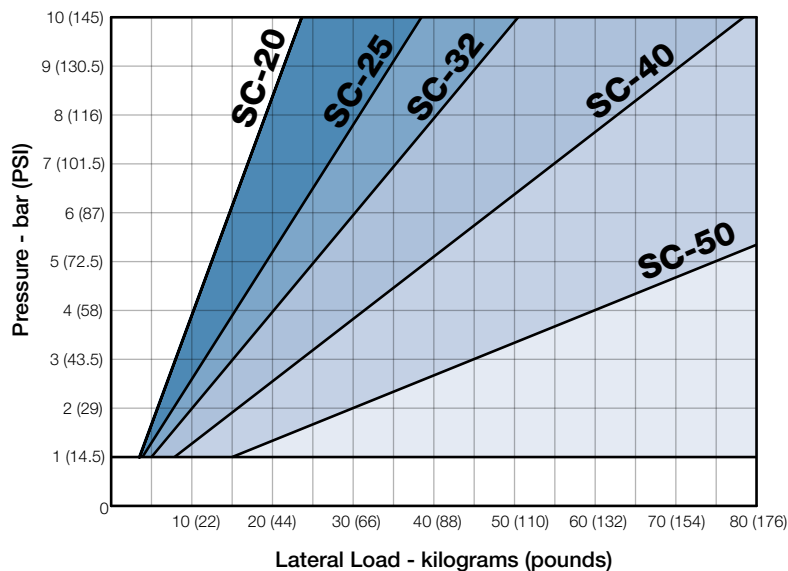
## Unit Weights kg (lbs)

BORE	STROKE				
	10	15	20	25	30
20	0.15 (.34)	0.16 (.36)	—	—	—
25	0.21 (.47)	0.23 (.50)	0.24 (.53)	—	—
32	0.43 (.94)	0.45 (1.0)	0.48 (1.06)	—	—
40	—	—	0.74 (1.67)	0.79 (1.75)	0.83 (1.83)
50	—	—	1.10 (2.43)	1.15 (2.53)	1.19 (2.63)

## Operating Ranges



## Minimum Operating Pressure for Load



## Available Bore Sizes & Mounting

MODEL
SC - Stop Cylinder

BORE & STROKES AVAILABLE	
20mm Bore	10 - 10mm Stroke
	15 - 15mm Stroke
25mm Bore	10 - 10mm Stroke
	15 - 15mm Stroke
	20 - 20mm Stroke
32mm Bore	10 - 10mm Stroke
	15 - 15mm Stroke
	20 - 20mm Stroke
40mm Bore	20 - 20mm Stroke
	25 - 25mm Stroke
	30 - 30mm Stroke
50mm Bore	20 - 20mm Stroke
	25 - 25mm Stroke
	30 - 30mm Stroke

ROD STYLE
BLANK (No Code) - Round Rod
F - Flat Rod
W - Flat Rod with Roller

MOUNTING
MF - Threads on Front Face (Rod End)
MR - Threads on Rear Face (Opposite Rod)
MB - Threads on Both Faces
MT - Drilled Through and Counterbored for Bolt Clearance
MS - Threads on Side of Cylinder Body
FR - Flange on Rear Face (Opposite Rod)
FS - Flange on Side of Cylinder Body

MAGNETIC
BLANK (No Code) - Standard "NO MAGNET" Piston
M - Magnetic Piston and Sensor Mounting

OPTIONS
EM - Inch Threads (Mounting and Ports)
HS - High Temperature Seals -10°C to 150°C (0°F to 302°F)
UR - Urethane Shock Pad Rear (Opposite Rod)





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