



CR SERIES STAINLESS STEEL CYLINDERS

Smooth operation / long life

Constructed with low-friction Nitrile seals and factory lubricated with FDA-complaint food-grade PTFE-impregnated grease, Nason's CR series stainless steel cylinders are designed for smooth startup and operation. The precision-machined components and low-friction bearings ensure long life and effortless operation.

COMPACT SIZE / CLEAN DESIGN

Nason's stainless steel cylinders were designed without bolt-together or retaining wire hole access, and the smooth exteriors eliminate areas that tend to trap dirt or grease. These compact workhorses were designed to stand up to the demanding operating conditions of foodservice, medical, and other industries.

RUGGED CONSTRUCTION

Durable CR series cylinders incorporate thick-walled 303 stainless steel housings and caps with hardened 302 stainless steel retaining wires for assembly. The rugged chrome-plated 303 stainless steel rods glide effortlessly in FDA-compliant composite plastic bearings.

REBUILDABLE

All of Nason's stainless steel cylinders are conveniently field-repairable.

VERSATILE DESIGN

Available in metric bore and rod sizes with inch or metric mounting and porting, the 100%-machined cylinder design is easy to customize to your specific application.

MAGNETIC PISTON OPTION

Available magnetic piston options offer end-of-stroke sensing with Nason's "S" series sensors.



Unlike aluminum or other metals, Nason's stainless steel cylinders are non-porous and highly resistant to corrosion. This makes them ideal for applications that require strict compliance to purity and quality standards, such as pharmaceutical and food preparation, or need to stand up to punishing elements, such as wash-down environments.

If your application needs non-standard cylinders, we can configure any component to fit your specifications.

Made in the USA

Like all Nason products, CR series cylinders are made in the USA. Our commitment to local sourcing supports the domestic economy and helps us ensure that each product meets our rigorous quality standards.

Clean design

The streamlined design of our CR cylinders eliminates dirt and grease traps, making it easy to keep them clean.

Nason's CR series of corrosion-resistant pneumatic actuators are clean, washdown-ready devices with 303 stainless steel housings, heads, caps, chrome-plated 303 stainless steel rods, 302 retaining wires, and long FDA-compliant bearings. Standard bidirectional rod seals are available with optional stainless steel rod scrapers. Heavy-duty rubber rod wipers with integral cup seals are also available for less demanding applications.

Nason also offers front and rear covers attached with 18-8 stainless hex head bolts to provide smooth-end surfaces that many foodservice applications require. All units are factory lubricated with FDA-compliant food-grade grease.

CR SERIES PRODUCT DETAILS



CRS-20X25MF

Corrosion-resistant, standard duty, 20 bore (20mm/.79"), 25mm stroke stainless steel cylinder with threads on the front face (rod end)



CRS-25X25MR

Corrosion-resistant, standard duty, 25 bore (25mm/.98"), 25mm stroke stainless steel cylinder with threads on the rear face (opposite rod end)



CRS-32X25MB

Corrosion-resistant, standard duty, 32 bore (32mm/1.26"), 25mm stroke stainless steel cylinder with threads on both faces



CRS-40X25MT

Corrosion-resistant, standard duty, 40 bore (40mm/1.58"), 25mm stroke stainless steel cylinder drilled through for bolt clearance



CRS-50X25MB-RC

Corrosion-resistant, standard duty, 50 bore (50mm/1.97"), 25mm stroke stainless steel cylinder with threads on both faces and rear plate cover (cap end, rear - opposite rod on single rod)



CRS-63X25MB-FC

Corrosion-resistant, standard duty, 63 bore (63mm/2.48"), 25mm stroke stainless steel cylinder with threads on both faces and front plate cover (rod end or either end on type "D")



CRS-76X25MF

Corrosion-resistant, standard duty, 76 bore (76.2mm/3.0"), 25mm stroke stainless steel cylinder with threads on the front face (rod end)