

NC Series

Liquid Ring Vacuum Pumps

Models: NC-2, NC-3, NC-4, NC-5, NC-6 NC-7, NC-9, NC-10, NC-11



OVERVIEW

NES Company takes pride in presenting our NC Series, featuring conical lobe design single-stage liquid ring vacuum pumps and compressors. Our NC single-stage liquid ring vacuum pumps are meticulously crafted to seamlessly integrate as drop-in replacements for classic Nash SC pumps. This design endeavor ensures a smooth transition, minimizing downtime and simplifying the upgrading process for our valued customers. Our NC Series exemplifies a commitment to innovation, reliability, and performance, delivering optimal vacuum solutions for diverse industrial applications.

UNIQUE FEATURES

- **Drop-in Replacement:** Designed as a direct replacement for the classic NASH SC series, these pumps offer seamless integration without any extensive modifications.
- **Interchangeable Components:** The components of the NES NC series pumps are both internally and externally interchangeable with those of the SC series, simplifying maintenance and replacement procedures.
- **Versatile Construction Options:** While the standard construction of NES NC series pumps features cast iron with Teflon packing, users have the option to upgrade to 304 or 316 stainless steel construction, providing enhanced corrosion resistance and durability for challenging operating environments.
- **Optional Factory-Installed Mechanical Seals:** Users can opt for factory-installed mechanical seals, which offer improved sealing performance and reliability,

reducing the risk of leaks and enhancing overall pump efficiency.

Availability of Parts and Repair Kits: NES NC series pumps are supported by readily available parts and repair kits specifically designed to fit SC series installations, ensuring minimal downtime and efficient maintenance.

Multiple Configuration Options: These pumps are available in various configurations, including bare pump, direct drive, or V-belt systems, allowing users to choose the setup that best suits their specific application requirements and installation constraints.

• **2-Year Factory Warranty:** The NES NC series pumps come with a comprehensive 2-year factory warranty against manufacturer's defects, providing users with added assurance of product quality and reliability.



NES Company Inc. 333 Route 46 West, Building A, Fairfield, NJ 07004

(800) 297-3550 | www.nescompany.com | info@nescompany.com

© 2023 NES Company Inc. All rights reserved

NC Series

Liquid Ring Vacuum Pumps

Models: NC-2, NC-3, NC-4, NC-5, NC-6 NC-7,
NC-9, NC-10, NC-11



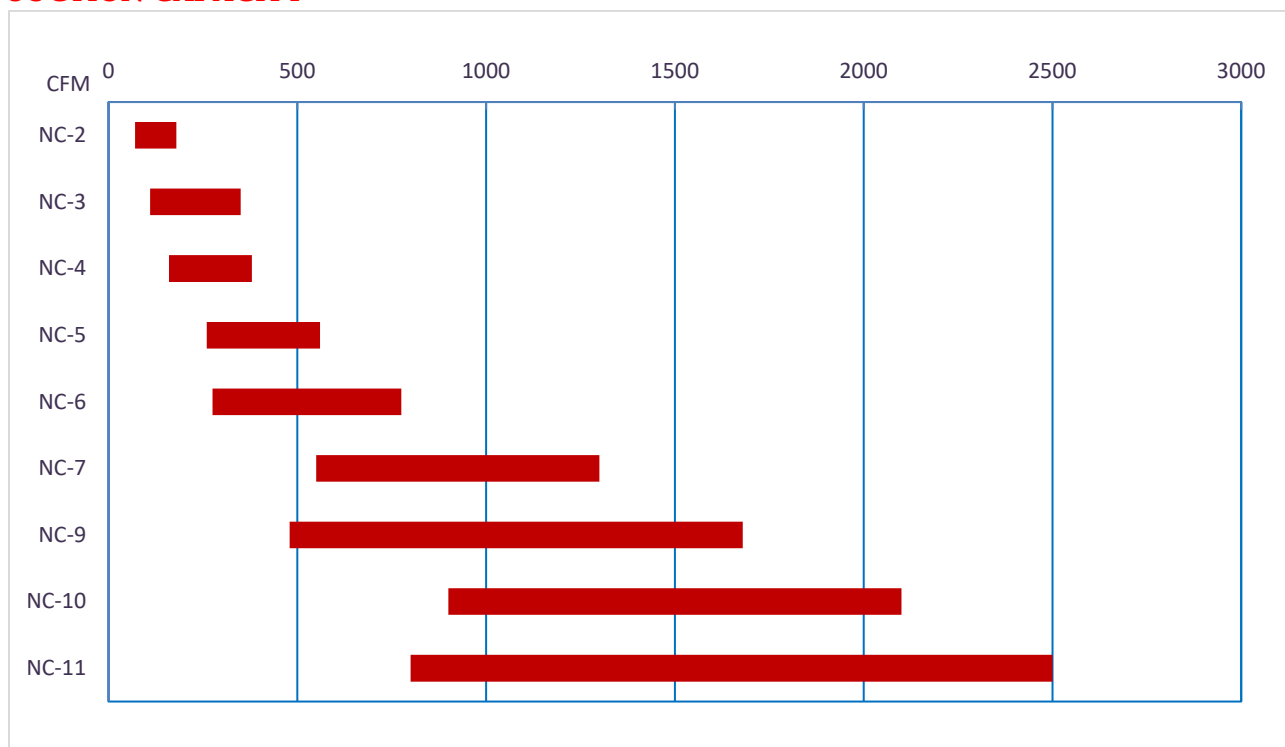
BASIC SPECIFICATION

MODELS	NC-2, 3, 4, 5, 6, 7, 9, 10, and 11
POWER RANGE	7.5 HP to 150 HP
CAPACITY RANGE	70-1700 CFM
ULTIMATE VACUUM LEVEL	28" Hg
ULTIMATE COMPRESSION	25 psig
MOC	Cast Iron/Stainless Steel 304 Clad/Stainless Steel 316 Clad

COMMON APPLICATION

The NES NC pumps are widely utilized across a myriad of applications encompassing autoclaves, chucking operations, container filling, labeling, forming, cooking processes, deaeration, deodorization of food and fats, drying, evaporation, evisceration, exhaust systems, extruder venting, fiber setting, filtration, molding, gas stripping, laboratory central vacuum systems, medical and dental vacuum drainage, material pickup and conveying, priming, slot extraction, and solvent recovery.

SUCTION CAPACITY



NES Company Inc. 333 Route 46 West, Building A, Fairfield, NJ 07004

(800) 297-3550 | www.nescompany.com | info@nescompany.com

© 2023 NES Company Inc. All rights reserved

NC Series

Liquid Ring Vacuum Pumps

Models: NC-2, NC-3, NC-4, NC-5, NC-6 NC-7,
NC-9, NC-10, NC-11



NES Company Inc. 333 Route 46 West, Building A, Fairfield, NJ 07004

(800) 297-3550 | www.nescompany.com | info@nescompany.com

© 2023 NES Company Inc. All rights reserved