



NCC Series Liquid Ring Vacuum Pumps

Description: **Single-Stage Liquid Ring Vacuum Pump**

Type: **Flat Plate, Close-Coupled**

Models: **NCC-20, 35, 55, 75, 115, 160, 200, 300, 350**

Power Range: **2-25 HP**

Capacity Range: **18-342 CFM**

Max Vacuum: **26" Hg**

Overview

Our NCC series is the economical choice for small single stage close-coupled liquid ring vacuum pumps. Designed as drop-in replacements for Siemens 2BV series, they are available in 2-25 HP (18-353 CFM). Standard construction is cast iron with bronze rotor and viton elastomer mechanical seal. NES pumps are performance tested and include a 1 year warranty.

Features

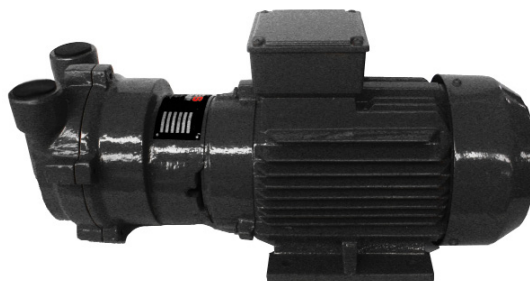
- Drop-in replacement for classic Siemens* 2BV series.
- Compact design reduces size & costs.
- Standard construction is cast iron w/ bronze impeller.
- Optional 304 or 316 stainless steel construction.
- Standard single viton mechanical seal.
- Parts and repair kits readily available.
- Available as bare pump or engineered systems.
- Standard models typically ship from stock.
- 1 year factory warranty.

Materials of Construction

- Housing & Head - Cast iron standard; 304 or 316 SS optional.
- Rotor - Bronze standard; 304 or 316 SS optional.
- Port Plate - Cast iron standard; 304 or 316 SS optional.
- Shaft - Cast steel standard; 304 or 316 SS optional.
- Seal - Viton mechanical seal standard.
- Motor - TEFC metric frame, 230 or 460/3/60 volt, explosion proof optional.

Applications

- | | | |
|--------------|--------------------|---------------------|
| • Autoclaves | • Chucking | • Container Filling |
| • Forming | • Cooking | • Deaerating |
| • Drying | • Evaporating | • Eviscerating |
| • Exhausting | • Extruder Venting | • Fiber Setting |
| • Filtering | • Forming | • Gas Stripping |
| • Priming | • Slot Extraction | • Solvent Recovery |



NCC-20, 35, 55, 75



NCC-115, 160, 200, 300, 350

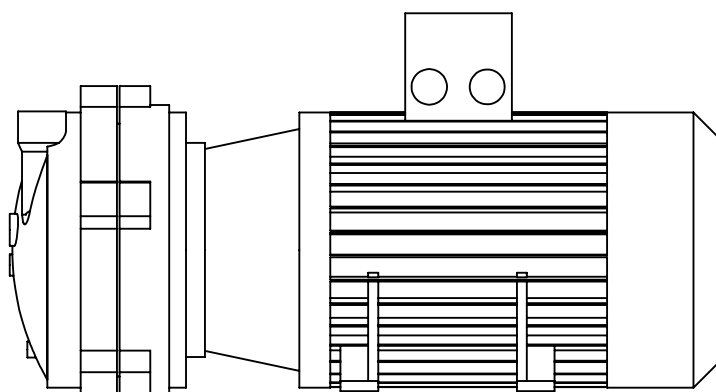
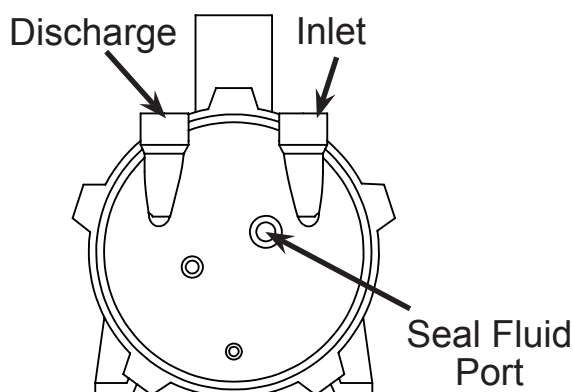
NES Company Inc.
60 Park Place/Suite 1106
Jersey City, NJ 07102

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

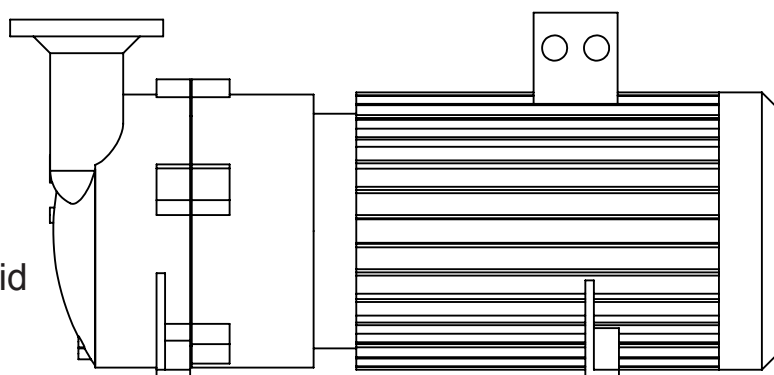
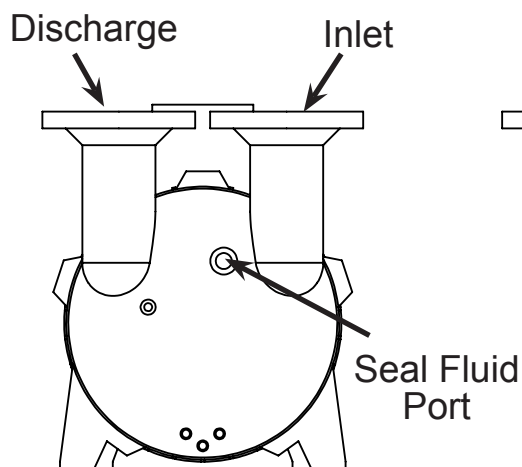


NCC Series Liquid Ring Vacuum Pumps

Model	Max Vacuum [“Hg]	Capacity [CFM] @ 22” Hg	Motor Power [HP]	Inlet [in]	Disch. [in]	Seal Water Usage [GPM]	Seal Water Size [in]	Pump Weight Dry [lbs.]
NCC-20	26	18	2	1 NPT	1 NPT	0.9	1/4 NPT	75
NCC-35	26	34	3	1 NPT	1 NPT	1.0	1/4 NPT	80
NCC-55	26	56	5	1-1/2 NPT	1-1/2 NPT	2.2	1/4 NPT	150
NCC-75	26	77	7.5	1-1/2 NPT	1-1/2 NPT	3.0	3/8 NPT	168
NCC-115	26	114	7.5	2 FL	2 FL	4.0	3/4 NPT	235
NCC-160	26	157	10	2 FL	2 FL	4.4	3/4 NPT	270
NCC-200	26	192	15	2-1/2 FL	2-1/2 FL	6.6	3/4 NPT	345
NCC-300	26	272	20	2-1/2 FL	2-1/2 FL	8.0	3/4 NPT	430
NCC-350	26	342	25	3 FL	3 FL	10.6	3/4 NPT	725



TYPICAL NCC-20, 35, 55, 75 LAYOUTS
See pump drawing for more details & dimensions



TYPICAL NCC-115, 160, 200, 300, 350 LAYOUTS
See pump drawing for more details & dimensions

*Nash is a registered trade mark of Gardner Denver Nash. NES Company Inc. has no affiliation with Nash, Nash Engineering or Gardner Denver Nash. The information contain herein is provided as a convenience and for informational purposes only. Performance data are subject to manufacturing variation and test conditions including but not limited to atmospheric pressure, ambient temperature, seal fluid temperature, tolerances, and materials of construction. Performance of pumps constructed fully or partially of stainless steel may be lower due to larger clearance settings. This information may contain inaccuracies, errors or omissions. All NES Company Inc. supplied products and recommendations or suggestions must be evaluated by the end user to determine applicability and suitability for any particular use. See NES Company Inc. terms & conditions of sale for additional details which may also apply.

NES Company Inc.
60 Park Place/Suite 1106
Newark, NJ 07102

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