



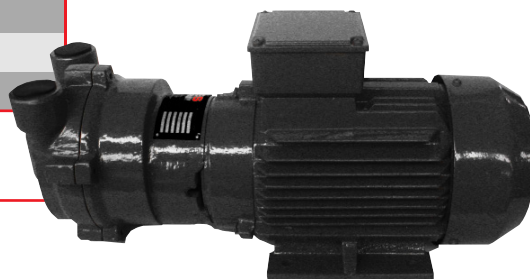
NCC Series Liquid Ring Vacuum Pumps

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 304 SS (Stainless Steel) rotor and Viton elastomer mechanical seal. NES pumps are performance tested and include a 1 year warranty.



NCC-20, 35, 55, & 75



NCC-115, 160, 200, 300, & 350

Features:

- Drop-in replacement for classic Siemens* 2BV series.
- Dual Voltage 230/460/3/60 TEFC NEMA frame motors.
- Compact design reduces size & costs.
- Standard construction is Cast Iron with 304 SS impeller.
- Optional 304 or 316 Stainless Steel construction.
- Standard single Viton mechanical seal.
- Parts and repair kits readily available.
- Available as a bare pump or as a part of engineered systems.
- Standard models typically ship from stock.

Materials of Construction:

Part	Standard Material of Construction	Optional Material of Construction
Housing & Head	Cast iron	304 or 316 Stainless Steel
Rotor	304 Stainless Steel	
Port Plate	Cast iron	
Shaft	Cast steel	
Seal	Viton mechanical seal	-
Motor	TEFC NEMA frame, dual voltage 230/460 volt	Explosion Proof

Applications:

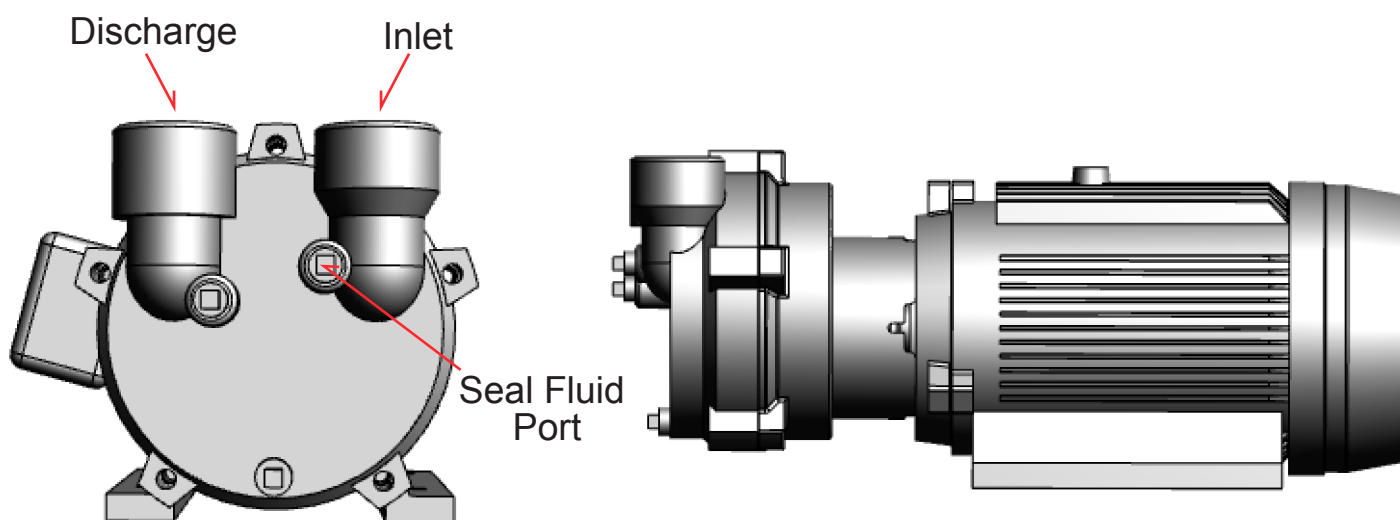
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| <ul style="list-style-type: none"> • Autoclaves • Forming • Drying • Exhausting • Filtering • Priming | <ul style="list-style-type: none"> • Chucking • Cooking • Evaporating • Extruder Venting • Forming • Slot Extraction | <ul style="list-style-type: none"> • Container Filling • Deaerating • Eviscerating • Fiber Setting • Gas Stripping • Solvent Recovery |
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Model	Max Vacuum [“Hg]	Capacity [CFM] @ 22” Hg	Motor Power [HP]	Inlet [in]	Discharge [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 SERIES LAYOUTS
See pump drawing for more details & dimensions

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NES Company Inc.
31 Fairfield Place
West Caldwell, NJ 07006

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