



N SERIES

SUBMERSIBLE NON-CLOG PUMPS

The GloFlo N Series Non-Clog Pumps provide rugged, low-maintenance wastewater transfer with flows up to 610 GPM. Available in three-phase power, each pump includes a field-adjustable wear plate and dual silicon carbide mechanical seals for long-lasting performance. Supported by expert technical service, the N Series is ideal for sewage, effluent, irrigation, and dewatering in commercial and industrial applications.



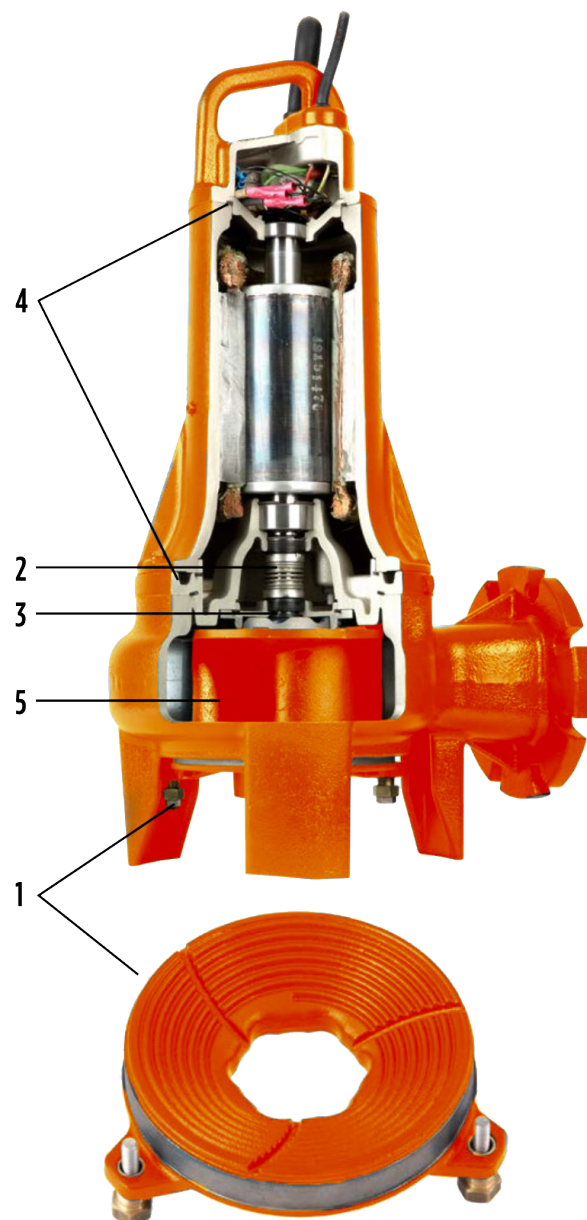
APPLICATIONS

- Used for a multitude of purposes in commercial and industrial applications such as sewage, effluent, irrigation and general de-watering

FEATURES

- Simplified Maintenance** – Field-adjustable wear plate allows quick clearance adjustments between impeller and volute, reducing downtime and eliminating the cost of replaceable wear rings.
- Extended Seal Life** – Dual silicon carbide mechanical seals (standard) provide up to 6x longer life, offering superior thermal stability and abrasion resistance compared to conventional carbon/ceramic seals.
- Seal Protection System** – A factory-installed exclusion seal serves as the first barrier. If breached, the Seal Fail probe alerts the control panel for timely service intervention.
- Chemical & Heat Resistance** – Motor enclosure utilizes Fluoroelastomer (FKM) O-rings, delivering enhanced resistance to chemicals and elevated temperatures.
- Durable Corrosion Resistance** – Powder-coated castings and ductile iron impellers withstand corrosion and resist breakage from rigid debris better than standard cast iron.
- Expert Backing** – Supported by an industry-leading Technical Support & Service team for dependable assistance.
- Starter Kit Requirement** – All single-phase NC Series pumps require a matched FPS starter kit to ensure proper operation and third-party approval.

SERIES	N SERIES - 3"	N SERIES - 4"
Flange Discharge	3" horizontal (125# ANSI flange)	4" horizontal (125# ANSI flange)
Maximum Solids Size	2.5"	3"
Cables	Power: 8/4 - type S00W	
	Sensor: 16/4 - type S00W	
Motor	60 hz Class F insulation, 1750 RPM	
	Continuous Duty (104°F maximum)	
	Lower double row ball bearing	
	AISI 420 SST shaft	
	300 Series SST Fasteners	
	Cast iron motor housing, volute, and seal chamber	
Seals	Seal-fail indication probe	
	Fluoroelastomer (FKM) sealing system for motor enclosure	
	Dual silicon carbide mechanical seals	
	Additional exclusion seal	
Agency Listing	cCSAus	

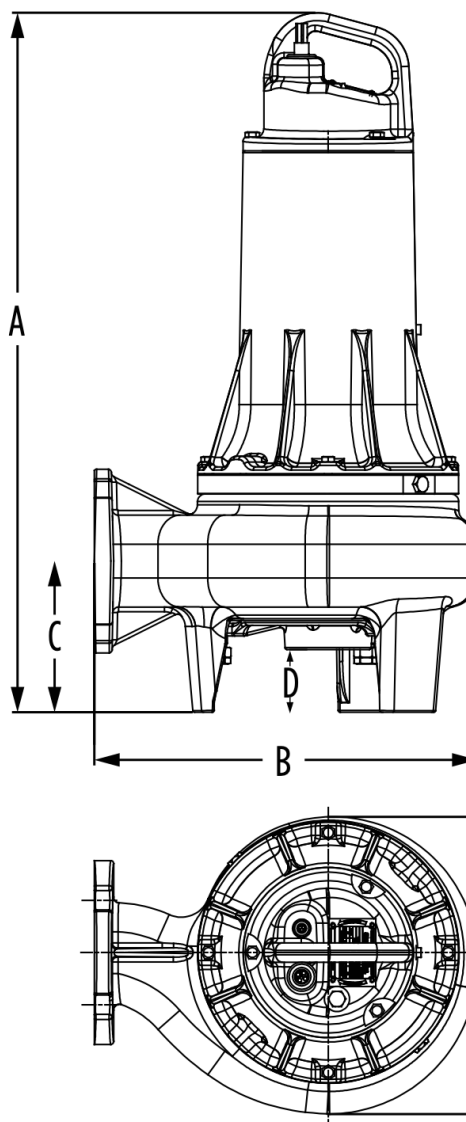


N SERIES - 3" DIMENSIONS

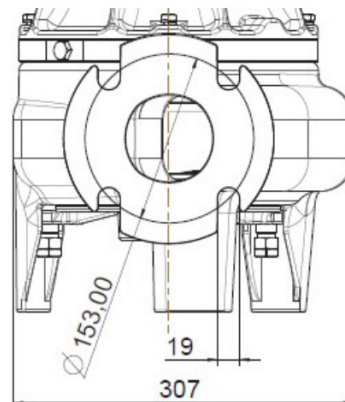
HP / PHASE	A	B	C	D	E	F
3/5 HP, 3-PH	26.7" (678 mm)	15.6" (396 mm)	6.2" (157 mm)	2.56" (65 mm)	12.1" (307 mm)	6.57" (167 mm)

N SERIES - 4" DIMENSIONS

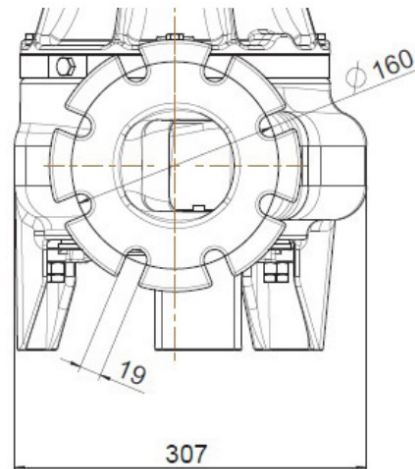
HP / PHASE	A	B	C	D	E	F
3/5 HP, 3-PH	27.2" (690 mm)	15.6" (396 mm)	6.2" (157 mm)	2.56" (65 mm)	12.1" (307 mm)	6.57" (167 mm)
7.5/10 HP, 3-PH	28.9" (734 mm)					



3NC FLANGE



4NC FLANGE



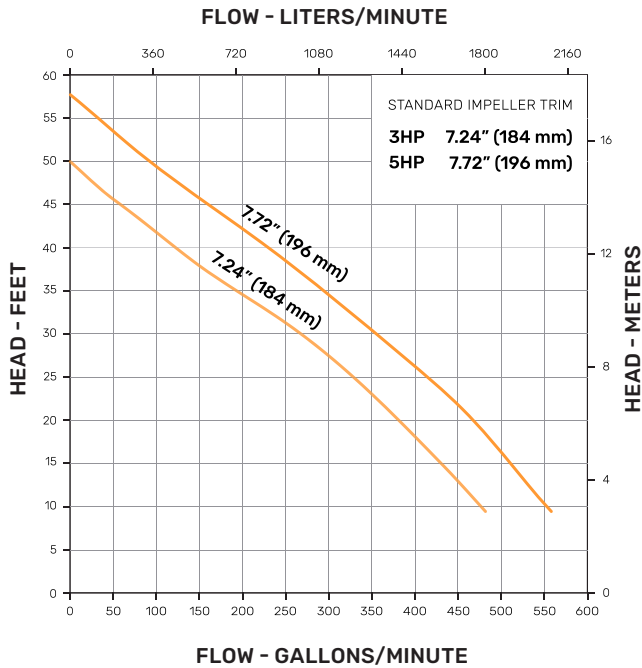
N SERIES PUMPS - 3" THREE-PHASE

Model No.	Amps	HP	Volts	Impeller Dia.	Wt.(lb)	Cord
3GF300N3-2	16/15	3	200/230	7.24" (184 mm)	255	50'
3GF300N3-4	7.5		460			
3GF500N3-2	21/18.5	5	200/230	7.72" (196 mm)	260	
3GF500N3-4	9.5		460			

N SERIES PUMPS - 4" THREE-PHASE

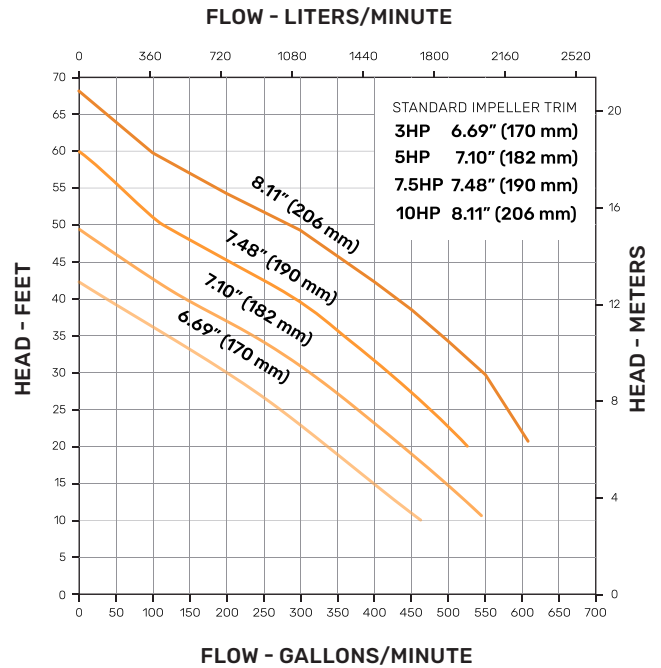
Model No.	Amps	HP	Volts	Impeller Dia.	Wt.(lb)	Cord
4GF300N3-2	16/14	3	200/230	6.69" (170 mm)	260	50'
4GF300N3-4	7		460			
4GF500N3-2	21/17	5	200/230	7.17" (182 mm)	265	
4GF500N3-4	9		460			
4GF750N3-2	22/22.5	7.5	200/230	7.48" (190 mm)		
4GF750N3-4	11		460			
4GF1000N3-2	26/26	10	200/230	8.11" (206 mm)		
4GF1000N3-4	13		460			

PERFORMANCE N SERIES - 3"



Impeller Dia.	Performance GPM @ Height in Feet					
	10'	20'	30'	40'	50'	Shut-Off
7.24" (184 mm)	480	385	270	125	-	50'
7.72" (196 mm)	555	470	355	235	95	58'

PERFORMANCE N SERIES - 4"



Impeller Dia.	Performance GPM @ Height in Feet						
	10'	20'	30'	40'	50'	50'	Shut-Off
6.69" (170 mm)	455	330	195	34	-	-	42'
7.10" (182 mm)	545	434	309	141	-	-	49'
7.48" (190 mm)	-	520	420	290	130	-	60'
8.11" (206 mm)	-	610	540	430	290	100	68'