

ShinMaywa

Brighten Your Future



NORUS SERIES



When you choose a ShinMaywa Norus series pump for your application, you can rest assured you have chosen the best pump on the market. The lightweight design eases installation and the corrosion resistant construction ensures a long operating life. Norus pumps are fitted with vortex impellers for large solids handling capability to ensure clog free service and reduced maintenance costs. Engineered and manufactured to demanding standards. Norus pumps provide the most reliable, highest efficiency, lowest lifetime cost of any pump in its class.

Features

- 1-1/4" Solids Handling
- High Efficiency Motor
- Cast Aluminum Bearing Housing
- Non Corrosive Construction
- Anti Vibration Bearing Technology
- Dual Mechanical Shaft Seals, Silicon Carbide Lower, Carbon Ceramic Upper
- 33' Power Cable (20' on 1/5 HP)
- ETL Listed

Construction

Connection	2" NPT
Housing	304 Stainless Steel
Impeller	PolyAmide Fiber Reinforced Resin
Impeller Type	Vortex
Volute	PolyAmide Fiber Reinforced Resin
Mechanical Seals	Double: Carbon Ceramic / Silicon Carbide
Power Cord	PVC
Fasteners	304 Stainless Steel
Shaft	420 Stainless Steel
Motor RPM	3600
Bearings	Double Ball Bearing
Insulation Class	Class E

Specifications and Performance (Single Phase)

Model	HP	Volts	Amps	GPH @ ft of head					Max	HT	W
				5'	10'	15'	20'	25'			
50CR2.15S	1/5	115	3	2,700	1,800	900			19'	15.5"	8.1"
50CR2.25S	1/3	115	4.4	4,000	3,000	2,100	1,200	780	28'	15.5"	9.45"
50CR2.4S	1/2	115	5.5	5,100	4,320	3,420	2,700	1,800	36'	15.5"	9.45"
50CR2.75S	1	115	10	6,900	6,000	5,400	4,800	4,080	48'	15.5"	9.45"

NORUS CRXP



The CRXP model utilizes the same proven construction and components as the successful Norus series with the addition of an all new, high efficiency, single vane impeller. This unique impeller design produces higher flow rates than the standard Norus vortex impeller, yet still offers the same 1-1/4" solids handling capabilities. For the job that needs a little extra flow, the CRXP is the answer. High flow rates, high efficiency, high solids handling. Everything you expect from a ShinMaywa pump.

Features

- 1-1/4" Solids Handling
- Innovative Impeller Design
- Efficiency That Rivals External Pumps
- Cast aluminum Bearing Housing
- Anti Vibration Bearing Technology
- Non Corrosive Construction
- Dual Mechanical Shaft Seals
- 33' Power Cable
- ETL Listed

Construction

Connection	2" NPT
Housing	304 Stainless Steel
Impeller	PolyAmide Fiber Reinforced Resin
Impeller Type	Two Vane
Volute	PolyAmide Fiber Reinforced Resin
Mechanical Seals	Double: Carbon Ceramic / Silicon Carbide
Power Cord	STW PVC
Fasteners	304 Stainless Steel
Shaft	420 Stainless Steel
Motor RPM	3600
Bearings	Double Ball Bearing
Insulation Class	Class E

Specifications and Performance (Single Phase)

Model	HP	Volts	Amps	GPH @ ft of head					Max	HT	W
				5'	10'	15'	20'	25'			
50CRXP2.75S	1	115	11	10,500	8,700	6,600	5,100	3,300	32'	18"	9.3"

Construction

Connection	3" NPT
Housing	Cast Iron
Impeller	Cast Iron
Impeller Type	Vortex
Volute	Cast Iron
Mechanical Seals	Double: Carbon Ceramic / Silicon Carbide
Power Cord	32 ft, PVC
Fasteners	304 Stainless Steel
Shaft	420 Stainless Steel
Motor RPM	1800
Bearings	Double Ball Bearing
Capacitor	35 MF 400V
Insulation Class	Class E

The CVC series pump is a rugged performer that can handle tough applications. Constructed of heavy-duty cast iron with an air filled motor, built in thermal overload protection and dual mechanical shaft seals. The vortex impeller design gives this pump excellent solids handling, yet still maintains high efficiencies for its class. The CVC has proven to offer reliable continuous duty service where other single phase pumps, in its class, have fallen short.

CVC SERIES SINGLE PHASE



Features

- 2" Solids Handling
- Vortex Impeller
- Air filled Class E Insulated Heavy Duty Motor
- Double mechanical Shaft Seals
- 32' Power Cable Length
- Stainless Steel Non-Corrosive Hardware
- Thermal Overload Protection

Specifications and Performance (Single Phase)

Model	HP	Volts	Amps	GPM @ ft of head					Max	HT	W
				5'	10'	15'	20'	25'			
65CVC41.5S-2	2	230	10	265	230	195	165	130	37'	22.9"	15.4"

Construction

Housing	Cast Iron
Impeller	Cast Iron
Impeller Type	2-Vane Non Clog
Volute	Cast Iron
Mechanical Seals	Double: Carbon Ceramic / Silicon Carbide
Power Cord	32 ft, PVC
Fasteners	304 Stainless Steel
Shaft	420 Stainless Steel
Motor RPM	1800
Bearings	Double Ball Bearing
Insulation Class	Class E

The CNL series three phase pumps are an excellent offering for higher flow rate continuous duty applications. These pumps are constructed with high efficiency air filled motors, including built in thermal overload protection, which is a unique offering in a three phase motor. The two-vane impeller offers excellent solids handling while maintaining high efficiencies, producing high flow rates across the product offering. If you need flow rates up to 900 GPM or head capacities to 83', the CNL series is your pump.

CNL SERIES THREE PHASE



Features

- 2 Vane Non-Clog High Efficiency Impeller
- Air filled Class E Insulated Heavy Duty Motor
- Built-in Thermal Motor Protection
- Large Solids Handling Capabilities
- 32' Cable Length
- Double Mechanical Seals

Specifications and Performance (Three Phase)

Model	HP	Volts	Amps	Connection	Solids	GPM @ ft of head									Max	HT	W
						5'	10'	15'	20'	25'	30'	35'	40'	45'			
65CNL41.5T-2	2	230	6.5	3" NPT	2"	410	345	285	225	160	95	50			38'	20.8"	17.6"
80CNL42.2T-2	3	230	8.9	3" NPT	2"	485	440	385	330	270	215	150	90	15	47"	21.6"	18.7"
80CNL43.7T-2	5	230	15	4" Flange	2.5"		700	660	580	490	410	330	250	160	58'	24"	24.38"
100CNL45.5T-2	7.5	230	20.5	4" Flange	2.5"		850	790	730	660	600	530	450	360	68'	26.6"	26.5"
100CNL47.5T-2	10	230	29	4" Flange	2.5"			900	870	830	775	710	650	560	83'	26.6"	26.5"

*All 3 phase pumps need an inverter panel for single phase, 230 Volt, operation



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