

DATA SHEETS



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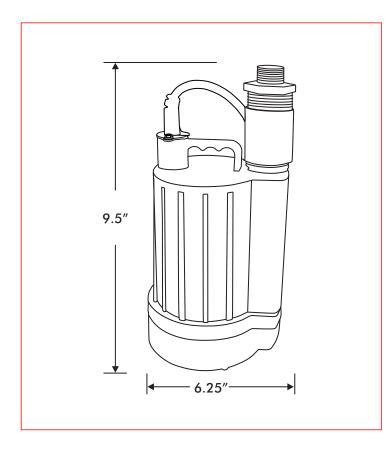
YELLSUB

1 1/4"- 3/4" CENTRIFUGAL SUBMERSIBLE PUMP

[Fresh water pump - minimal debris]

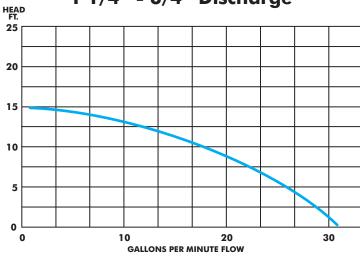


YELLSUB CENTRIFUGAL SUBMERSIBLE PUMP



YELLSUB

Performance Curve 1 1/4" - 3/4" Discharge



MOTOR	
Motor Type	Oil-free
Permanent split capacitor	YES
Voltage/Phase/Cycle	115AC / 1-Phase / 60 HZ
Motor Class	A
Voltage	115
Amp (Starting)	*10
Amp (Running)	2.5
Horsepower	0.25
Rated Speed-RPM	3,390 ± 30
Insulation Class	B
PUMP PERFORMANCE	
	33
Flow (GPM)	15
Head (Feet) PSI	6.5
MIN Pumping Level (inch)	0.25
PUMP BODY	
Outer Casing	Industrial Ploymer
Discharge Port	Poly / replaceable
Discharge Diameter	1 1/4" & 3/4"
Carry Handle	Molded
Power Cable Length (Feet)	9
Power Cable (Protection)	Strain Relief
Power Cable Plug	NEMA 5-15P
Strainer Base	5mm inlets
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	Thermo-plastic
Mechanical Seal System	Silicon/Carbide
	Maintenance-free, dual
Motor Bearings	sealed bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	120
Salt or Chemical Ops.	NO NO
DIMENSIONS	
DIMENSIONS MAX Height (Inch)	9.5
MAX Height (Inch)	9.5 6.25
	9.5 6.25 6.0

Optional Accessories

UL/CSA Certified

Part Description

SW1A Single, mechanical Float Switch, poly enclosure, 20' power cord, w/molded plug receptacle connector

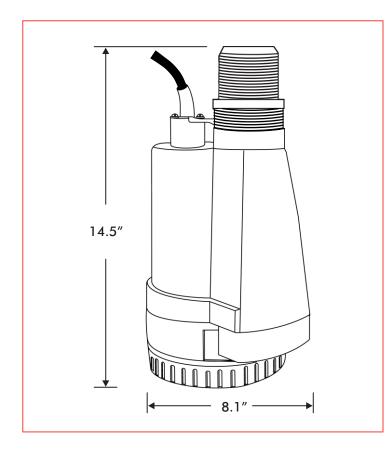
SS233

2" CENTRIFUGAL SUBMERSIBLE PUMP

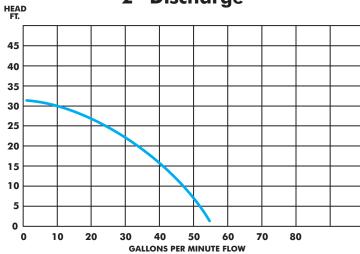
[Fresh water pump - minimal debris]



SS233 CENTRIFUGAL SUBMERSIBLE PUMP



SS233
Performance Curve
2" Discharge



MOTOR	
Motor Type	Oil-free
Permanent split capacitor	YES
Voltage/Phase/Cycle	115AC / 1-Phase / 60 HZ
Motor Class	Α
Voltage	115
Amp (Starting)	*18
Amp (Running)	6.0
Horsepower	0.50
Rated Speed-RPM	3,390 ± 30
Insulation Class	В
PUMP PERFORMANCE	
Flow (GPM)	55
Head (Feet)	32
PSI	14
MIN Pumping Level (inch)	0.25
PUMP BODY	
Outer Casing	Industrial Ploymer
Discharge Port	Poly / replaceable
Discharge Diameter	2"
Carry Handle	Molded
Power Cable Length (Feet)	9
Power Cable (Protection)	Strain Relief
Power Cable Plug	NEMA 5-15P
Strainer Base	5mm inlets
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	Thermo-plastic
Mechanical Seal System	Silicon/Carbide
Motor Bearings	Maintenance-free, dual sealed bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	120
Salt or Chemical Ops.	NO
DIMENSIONS	
MAX Height (Inch)	14.5
MAX Footprint (Inch)	8.1
Weight (Lbs.)	16.5
* Fot companyative summedian	A LIEVAC

^{*} Est. conservative amp draw @ 115VAC

Optional Accessories

UL/CSA Certified

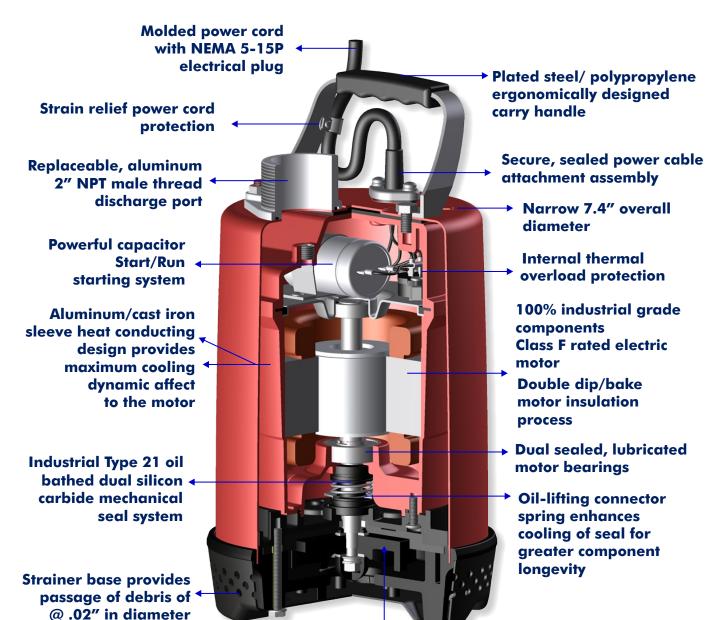
Part Description

SW1A Single, mechanical Float Switch, poly enclosure, 20' power cord, w/molded plug receptacle connector

ST2037

2" CENTRIFUGAL SUBMERSIBLE PUMP

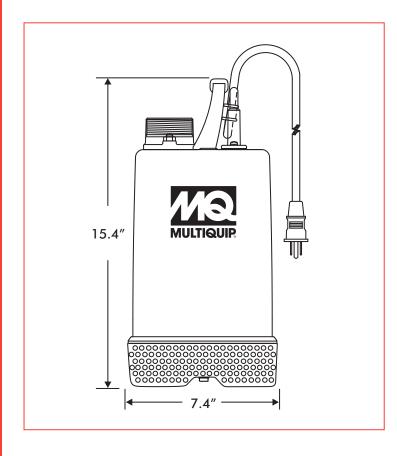
[Fresh water pump - minimal debris]



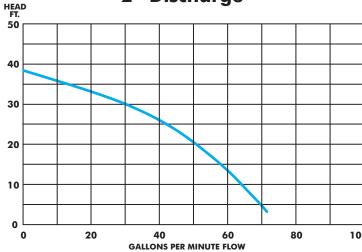
Trusted abrasive resistant impellers

ST2037 CENTRIFUGAL SUBMERSIBLE PUMP

MOTOR



ST2037 Performance Curve 2" Discharge



Squirrel cage type
115AC / 1-Phase / 60 HZ
В
Start / Run
115
*25
6.9
1.0
3,390 ± 30
F
Double dip baked process
73
37
16
0.75
5.7 0
Aluminum
Cast Iron
Aluminum / Replaceable
2" Male NPT
Angled, industrial 25
Strain Relief
NEMA 5-15P
5mm inlets
Semi-open
Neoprene
Industrial Type 21, oil bathed, dual silicon carbide - corrosion resistant
Maintenance-free, dual sealed, lubricated angular-contact bearings
Stainless Steel
Nitrile Rubber
Stainless Steel
140
170
NO
NO
NO 15.4

^{*} Est. conservative amp draw @ 115VAC

Optional Accessories

S UL/CSA Certified

Part Description
SW1A Single, med

Single, mechanical Float Switch, poly enclosure, 20' power cord, w/molded plug receptacle connector 2" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi

HDQ250 2" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi

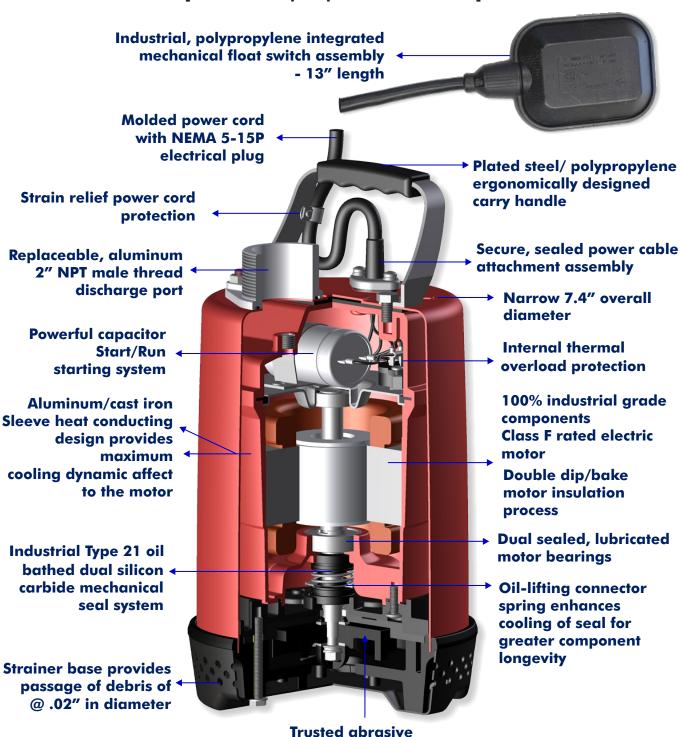
A200A Aluminum, male cam & groove lock coupler

HD250

ST2037F

2" CENTRIFUGAL SUBMERSIBLE PUMP

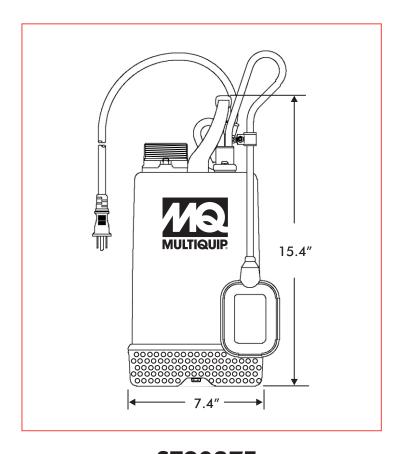
[Fresh water pump - minimal debris]



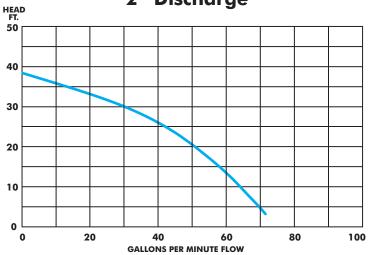
resistant impellers

ST2037F CENTRIFUGAL SUBMERSIBLE PUMP

MOTOR



ST2037F **Performance Curve** 2" Discharge



WICTOR	
Motor Type	Squirrel cage type
Voltage/Phase/Cycle	115AC / 1-Phase / 60 HZ
Motor Class	В
Capacitor	Start / Run
Voltage	115
Amp (Starting)	*25
Amp (Running)	6.9
Horsepower	1.0
Rated Speed-RPM	3,390 ± 30
Insulation Class	F
Insulation Type	Double dip baked process
PUMP PERFORMANCE	
Flow (GPM)	73
Head (Feet)	37
PSI	16
MIN Pumping Level (inch) -	0.75
no float switch	0.75
MIN Pumping Level (inch) -	** @ 5.0
w float switch	@ 5.15
PUMP BODY	
Outer Casing	Aluminum
Inner Casing	Cast Iron
Discharge Port	Aluminum / Replaceable
Discharge Diameter	2" Male NPT
Carry Handle	Angled, industrial
Power Cable Length (Feet)	25
Power Cable (Protection)	Strain Relief
Power Cable Plug	NEMA 5-15P
Strainer Base	5mm inlets
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	Neoprene
	Industrial Type 21, oil
	bathed, dual silicon
Mechanical Seal System	carbide - corrosion
	resistant
	Maintenance-free, dual
	sealed, lubricated
Motor Bearings	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware MAX Fluid Temp (F)	Stainless Steel 140
Salt or Chemical Ops.	140 NO
	_
Float Switch	Mechcanical
DIMENSIONS	
MAX Height (Inch)	15.4
**MAX Footprint (Inch) Weight (Lbs.)	20.5 32.0

^{*} Est. conservative Amp draw @ 115VAC

Optional Accessories

HD250 2" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi **HDQ250** 2" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi

A200A Aluminum, male cam & groove lock coupler

UL/CSA Certified

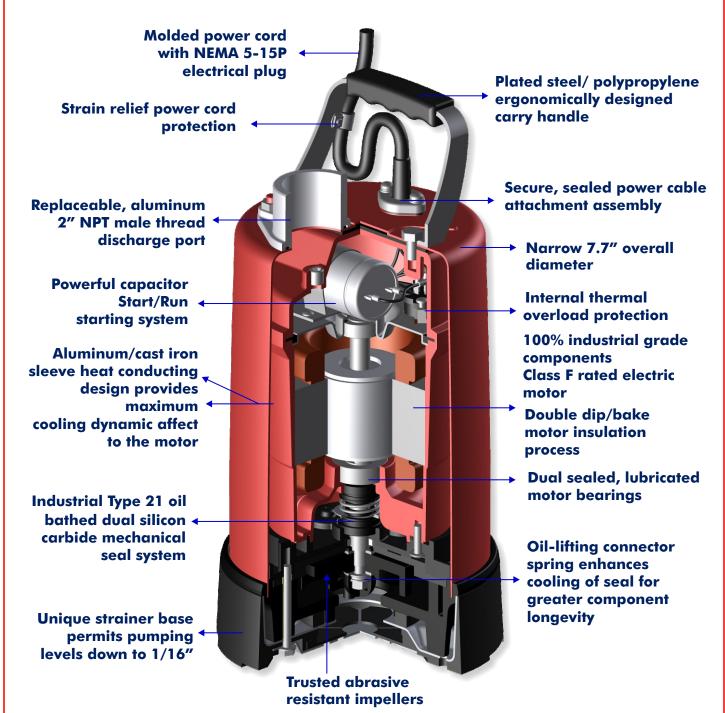
Part

^{**} w/Float Switch deployed

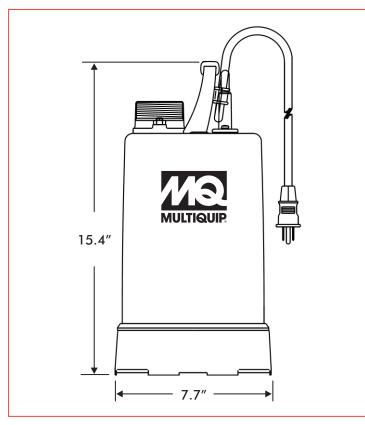
ST2038P

2" CENTRIFUGAL SUBMERSIBLE PUMP

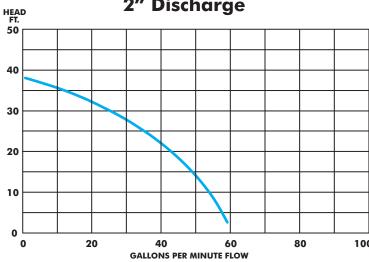
[Fresh water pump - minimal debris]



ST2038P CENTRIFUGAL SUBMERSIBLE PUMP



ST2038P **Performance Curve** 2" Discharge



MOTOR	
Motor Type	Squirrel cage type
Phase/Cycle	1-Phase / 60 HZ
Motor Class	В
Capacitor	Start / Run
Voltage	115
Amp (Starting)	*25
Amp (Running)	8
Horsepower	1.0
Rated Speed-RPM	3,400 ± 30
Insulation Class	F
Insulation Type	Double dip baked process
PUMP PERFORMANCE	
Flow (GPM)	60
Head (Feet)	38
PSI	16
MIN Pumping Level (inch)	0.0625
PUMP BODY	
Outer Casing	Aluminum
Inner Casing	Cast Iron
Discharge Port	Aluminum / Replaceable
Discharge Diameter	2" Male NPT
Carry Handle	Angled, industrial
Power Cable Length (Feet)	25
Power Cable (Protection)	Strain Relief
Power Cable Plug	NEMA 5-15P
Strainer Base	Solid to surface
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	Neoprene
Impener	Industrial Type 21, oil
	bathed, dual silicon
Mechanical Seal System	carbide - corrosion
	resistant
	Maintenance-free, dual
Matan Danin na	sealed, lubricated
Motor Bearings	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	140
Salt or Chemical Ops.	NO
DIMENSIONS	
MAX Height (Inch)	15.4
MAX Footprint (Inch)	7.7
Weight (Lbs.)	31.0
* Est. conservative amp draw	@ 115VAC

Optional Accessories

UL/CSA Certified

Part

Single, mechanical Float Switch, poly enclosure, 20' power cord, w/molded plug receptacle connector 2" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi 2" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi SW1A **HD250**

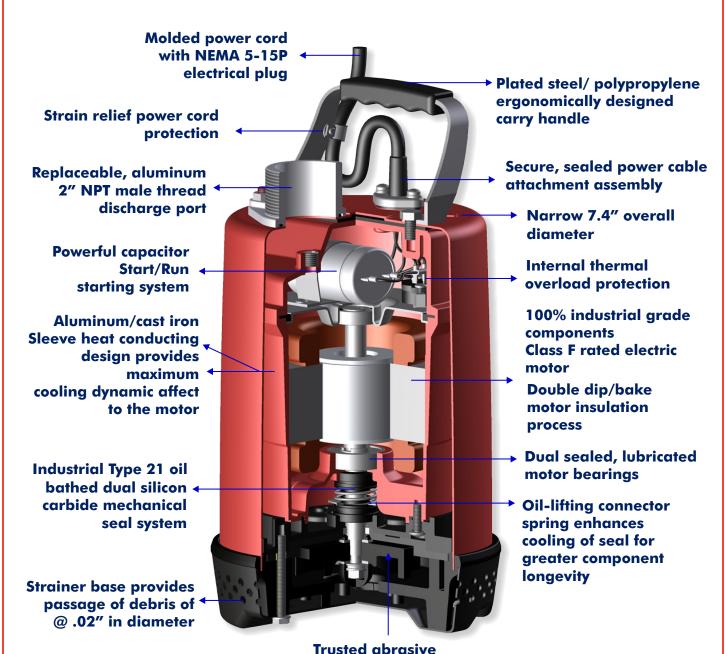
HDQ250

Aluminum, male cam & groove lock coupler A200A

ST2047

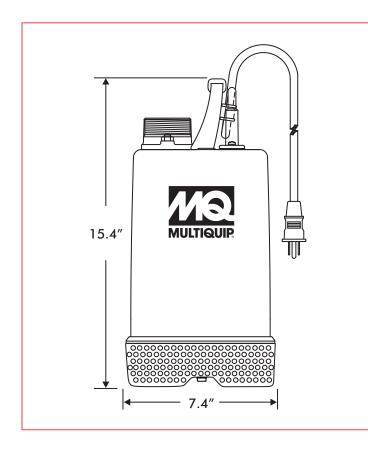
2" CENTRIFUGAL SUBMERSIBLE PUMP

[Fresh water pump - minimal debris]

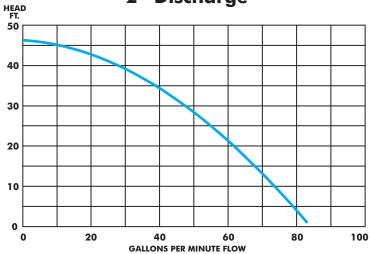


resistant impellers

ST2047 CENTRIFUGAL SUBMERSIBLE PUMP



ST2047 Performance Curve 2" Discharge



MOTOR	
	Squirrel cage type
Motor Type Voltage/Phase/Cycle	115AC / 1-Phase / 60 HZ
Motor Class	B
	Start / Run
Capacitor	115
Voltage	
Amp (Starting)	*30
Amp (Running)	9.8
Horsepower	1.0
Rated Speed-RPM	3,250 ± 30
Insulation Class	F F
Insulation Type	Double dip baked process
PUMP PERFORMANCE	
Flow (GPM)	87
Head (Feet)	47
PSI	20
MIN Pumping Level (inch)	0.75
PUMP BODY	
Outer Casing	Aluminum
Inner Casing	Cast Iron
Discharge Port	Aluminum / Replaceable
Discharge Diameter	2" Male NPT
Carry Handle	Angled, industrial
Power Cable Length (Feet)	50
Power Cable (Protection)	Strain Relief
Power Cable Plug	NEMA 5-15P
Strainer Base	5mm inlets
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	Neoprene
impener	Industrial Type 21, oil
	bathed, dual silicon
Mechanical Seal System	carbide - corrosion
	resistant
	Maintenance-free, dual
Materia Brandana	sealed, lubricated
Motor Bearings	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	140
Salt or Chemical Ops.	NO
DIMENSIONS	
MAX Height (Inch)	15.4
MAX Footprint (Inch)	7.4
Weight (Lbs.)	33.0
* Est. conservative amp draw	

GALLONS PER MINOTE PLOW

Aluminum, male cam & groove lock coupler

UL/CSA Certified

Part Description

SW1A Single, mechanical Float Switch, poly enclosure, 20' power cord, w/molded plug receptacle connector

HD250 2" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi

HDQ250 2" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi

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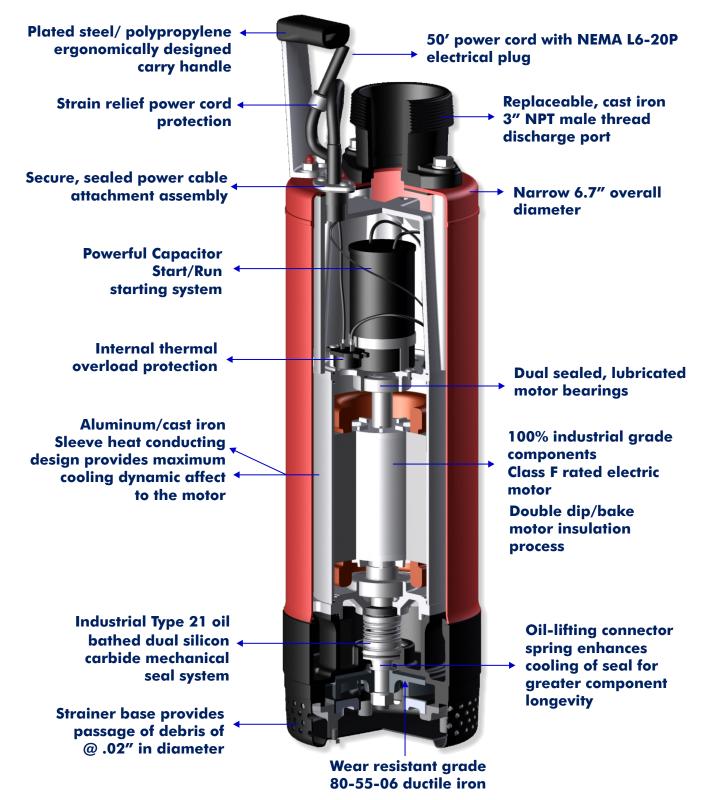
A200A

Optional Accessories

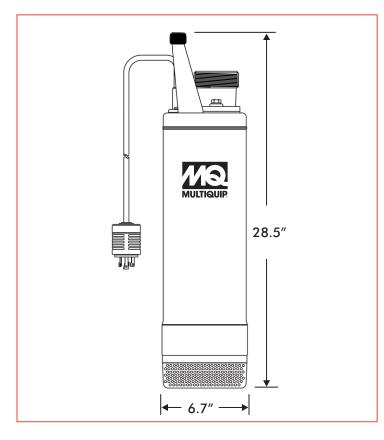
ST3020BCUL

3" CENTRIFUGAL SUBMERSIBLE PUMP

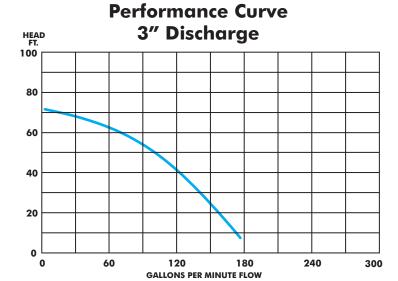
[Fresh water pump - minimal debris]



ST3020BCUL CENTRIFUGAL SUBMERSIBLE PUMP



ST3020BCUL



MOTOR	
Motor Type	Squirrel cage type
Voltage/Phase/Cycle	230AC / 1-Phase / 60 HZ
Motor Class	B
Capacitor	Start / Run
•	230
Voltage	
Amp (Starting)	*33
Amp (Running)	10.5
Horsepower	2.0
Rated Speed-RPM	3,450 ± 30
Insulation Class	F
Insulation Type	Double dip baked process
PUMP PERFORMANCE	
Flow (GPM)	170
Head (Feet)	72
PSI	31
MIN Pumping Level (inch)	0.5
PUMP BODY	
Outer Casing	Aluminum
Inner Casing	Cast Iron
Discharge Port	Cast Iron / Replaceable
Discharge Diameter	3" Male NPT
Carry Handle	Ergonomic, industrial
Power Cable Length (Feet)	50
Power Cable (Protection)	Strain Relief
Power Cable Plug	NEMA L620P
Strainer Base	5mm inlets
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	Ductile iron
•	Industrial Type 21, oil
	bathed, dual silicon
Mechanical Seal System	carbide - corrosion
	resistant
	Maintenance-free, dual
	sealed, lubricated
Motor Bearings	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	140
Salt or Chemical Ops.	NO NO
	140
DIMENSIONS MAX Height (Inch)	20.5
MAX Feetrint (Inch)	28.5
MAX Footprint (Inch)	6.7
Weight (Lbs.)	67.0

^{*} Est. conservative amp draw @ 230VAC

Optional Accessories

UL/CSA Certified

Description Part

CB6 230V 1Ø - ON/OFF/AUTO Control Box, w/ (2) Float Switches

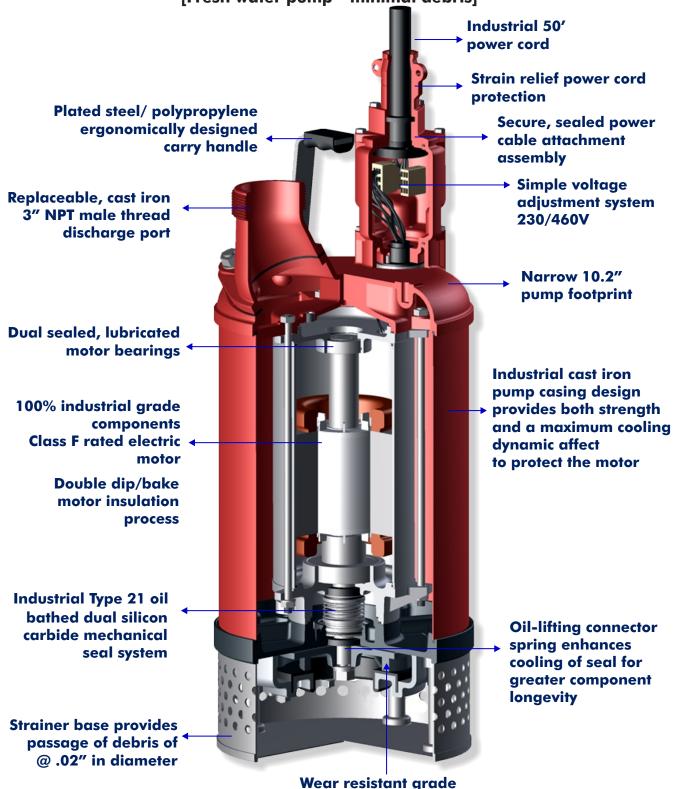
3" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi HD350

HDQ350 3" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi 3" Aluminum, male cam & groove lock coupler A300A

ST3050D

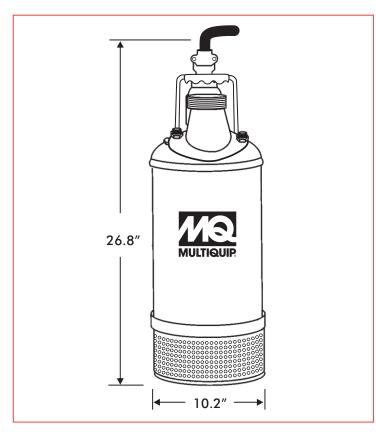
3" CENTRIFUGAL SUBMERSIBLE PUMP

[Fresh water pump - minimal debris]



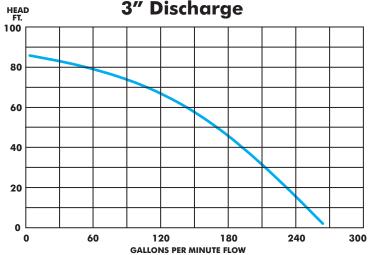
80-55-06 ductile iron impeller

ST3050D CENTRIFUGAL SUBMERSIBLE PUMP



ST3050D

Performance Curve 3" Discharge



MOTOR	
Motor Type	Squirrel cage type
Phase/Cycle	3-Phase / 60 HZ
Motor Class	8
Capacitor	Start / Run
-	
Voltage	230 / 460
Amp (Starting)	*44 / 22
Amp (Running)	14.2 / 7.1
Horsepower	5.0
Rated Speed-RPM	3,550 ± 30
Insulation Class	F
Insulation Type	Double dip baked
DUMP DEPENDING	process
PUMP PERFORMANCE	
Flow (GPM)	264
Head (Feet)	86
PSI	31
MIN Pumping Level (inch)	0.5
PUMP BODY	
Outer Casing	Cast Iron
Inner Casing	Cast Iron
Discharge Port	Cast Iron / Replaceable
Discharge Diameter	3" Male NPT
Carry Handle	Ergonomic, industrial
Power Cable Length (Feet)	50
Power Cable (Protection)	Strain Relief
Power Cable Plug	N/A
Strainer Base	5mm inlets
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	Ductile iron
	Industrial Type 21, oil
	bathed, dual silicon
Mechanical Seal System	carbide - corrosion
	resistant
	Maintenance-free, dual
Matau Dannin na	sealed, lubricated
Motor Bearings	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	140
Salt or Chemical Ops.	NO
DIMENSIONS	
MAX Height (Inch)	26.8
MAX Footprint (Inch)	10.2
Weight (Lbs.)	120.0
* Fet consensative sum draw	120.0

* Est. conservative amp draw @ 230 / 460 VAC

Optional Accessories

UL/CSA Certified

<u>Part</u>	<u>Description</u>
CB200	230/460V 3Ø - ON/OFF/AUTO Control Box: ON/OFF, electronic overload protection, support float switches
HD350	3" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi
HDQ350	3" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi
A300A	3" Aluminum, male cam & groove lock coupler

ST41230

4" CENTRIFUGAL SUBMERSIBLE PUMP

[Fresh water pump - minimal debris]



Plated steel ergonomically designed carry handle

Industrial 33' power cord

Strain relief power cord protection w/sealed power cable attachment assembly

Narrow 12.5" pump footprint

Stainless steel outer casing, and cast iron inner pump water sleeve design provides both strength and maximum cooling action to the motor.

Dual sealed, lubricated a motor bearings

Powerful industrial grade Class F rated 10 HP electric motor

Double dip/bake motor insulation process

Industrial Type 21 oil bathed dual silicon carbide mechanical seal system

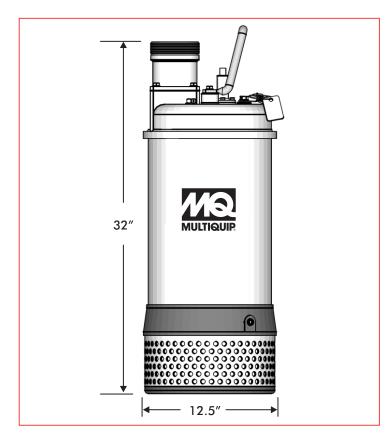
Strainer base provides passage of debris of @ .028" in diameter

Oil-lifting connector spring enhances cooling of seal for greater component longevity

Wear resistant grade High Chrome impeller

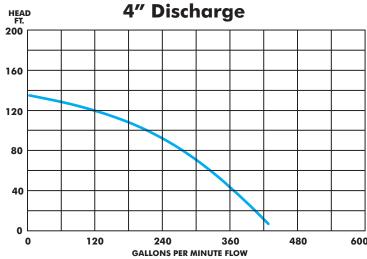
ST41230 CENTRIFUGAL SUBMERSIBLE PUMP

MOTOR



ST41230

Performance Curve 4" Discharge



MOTOR	
Motor Type	Squirrel cage type
Phase/Cycle	3-Phase / 60 HZ
Motor Class	В
Voltage	230
Amp (Starting)	*87
Amp (Running)	28.6
Horsepower	10.0
Rated Speed-RPM	3,600
Insulation Class	F
Insulation Type	Double dip baked process
PUMP PERFORMANCE	
Flow (GPM)	423
Head (Feet)	138
PSI	60
MIN Pumping Level (inch)	1.0
PUMP BODY	
Outer Casing	Stainless Steel
Inner Casing	Cast Iron
Discharge Port	Cast Iron / Replaceable
Discharge Diameter	4" Male NPT
Carry Handle	Ergonomic, industrial
Power Cable Length (Feet)	33
Power Cable (Protection)	Strain Relief
	N/A
Power Cable Plug	7mm inlets
Strainer Base	/mm inlets
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	High Chrome
	Industrial Type 21, oil
Mechanical Seal System	bathed, dual silicon
	carbide - corrosion
	resistant
	Maintenance-free, dual
Meter Bearings	sealed, lubricated
Motor Bearings	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	140
Salt or Chemical Ops.	NO
DIMENSIONS	
MAX Height (Inch)	32
MAX Footprint (Inch)	12.5
Weight (Lbs.)	205.0
* Est. conservative amp draw	

^{*} Est. conservative amp draw @ 230 VAC

Optional Accessories

Part Description

CB1269 230V 3Ø - ON/OFF/AUTO Control Box: ON/OFF, electronic overload protection, support float switches HD450 4" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi HDQ450 4" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi A400A 4" Aluminum, male cam & groove lock coupler

ST41460

4" CENTRIFUGAL SUBMERSIBLE PUMP

[Fresh water pump - minimal debris]

Replaceable, cast iron 4" NPT male thread discharge port

Dual sealed, lubricated motor bearings

Powerful industrial grade Class F rated 10 HP electric motor

Double dip/bake motor insulation process

Industrial Type 21 oil bathed dual silicon carbide mechanical seal system

Strainer base provides passage of debris of @ .028" in diameter

Plated steel ergonomically designed carry handle

Industrial 33' power cord

Strain relief power cord protection w/sealed power cable attachment assembly

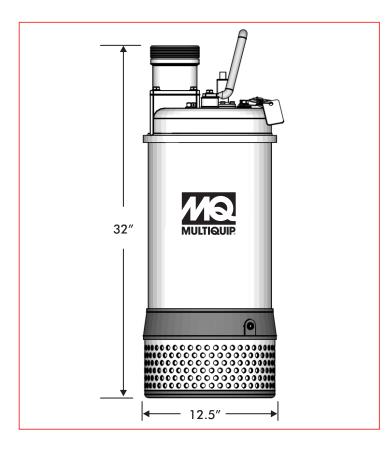
Narrow 12.5" pump footprint

Stainless steel outer casing, and cast iron inner pump water sleeve design provides both strength and maximum cooling action to the motor.

Oil-lifting connector spring enhances cooling of seal for greater component longevity

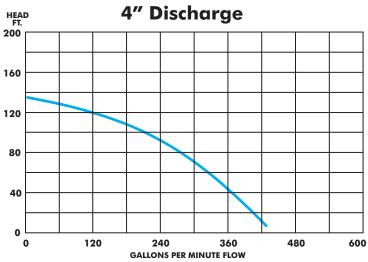
Wear resistant grade high chrome impeller

ST41460 CENTRIFUGAL SUBMERSIBLE PUMP



ST41460

Performance Curve



MOTOR	
Motor Type	Squirrel cage type
Phase/Cycle	3-Phase / 60 HZ
Motor Class	В
Capacitor	Start / Run
Voltage	460
Amp (Starting)	*45
Amp (Running)	14.3
Horsepower	10.0
Rated Speed-RPM	3,600
Insulation Class	F
Insulation Type	Double dip baked process
PUMP PERFORMANCE	
Flow (GPM)	423
Head (Feet)	138
PSI	60
MIN Pumping Level (inch)	1.0
PUMP BODY	
Outer Casing	Stainless Steel
Inner Casing	Cast Iron
Discharge Port	Cast Iron / Replaceable
Discharge Diameter	4" Male NPT
Carry Handle	Ergonomic, industrial
Power Cable Length (Feet)	33
Power Cable (Protection)	Strain Relief
Power Cable Plug	N/A
Strainer Base	7mm inlets
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	Ductile iron
	Industrial Type 21, oil
Mechanical Seal System	bathed, dual silicon
meonamour ocur oystem	carbide - corrosion
	resistant
	Maintenance-free, dual
Motor Bearings	sealed, lubricated
motor Bearings	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	140
Salt or Chemical Ops.	NO
DIMENSIONS	
MAX Height (Inch)	32
MAX Footprint (Inch)	12.5
Weight (Lbs.)	205.0

^{*} Est. conservative amp draw @ 460 VAC

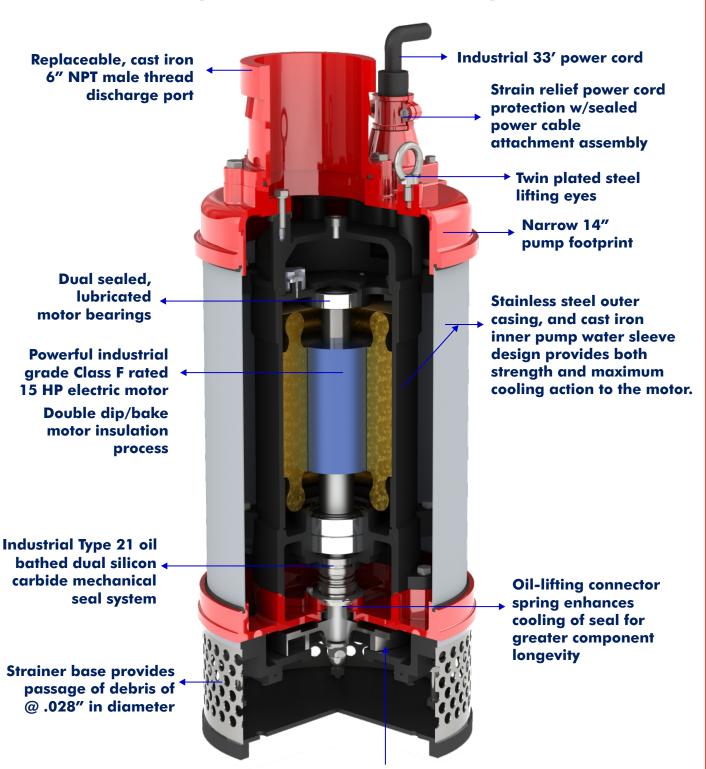
Optional Accessories

Part	<u>Description</u>
CB145 HD450 HDQ4 A400 <i>A</i>	4" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi 4" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi

ST61230

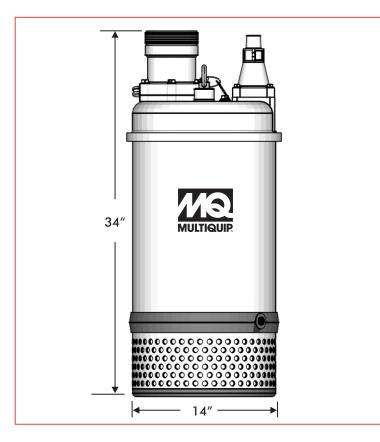
6" CENTRIFUGAL SUBMERSIBLE PUMP

[Fresh water pump - minimal debris]

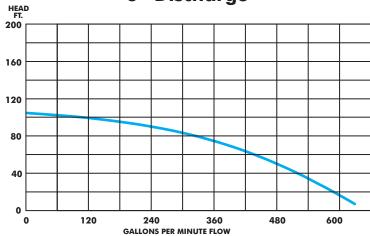


Wear resistant grade high chrome impeller

ST61230 CENTRIFUGAL SUBMERSIBLE PUMP



ST61230 Performance Curve 6" Discharge



MOTOR	
Motor Type	Squirrel cage type
Phase/Cycle	3-Phase / 60 HZ
Motor Class	B
Capacitor	Start / Run
•	230
Voltage	*130
Amp (Starting)	
Amp (Running)	43
Horsepower	15.0
Rated Speed-RPM	3,600
Insulation Class	F
Insulation Type	Double dip baked process
PUMP PERFORMANCE	
Flow (GPM)	674
Head (Feet)	105
PSI	45
MIN Pumping Level (inch)	1.0
PUMP BODY	
Outer Casing	Stainless Steel
Inner Casing	Cast Iron
Discharge Port	Cast Iron / Replaceable
Discharge Diameter	6" Male NPT
Carry Handle	Ergonomic, industrial
Power Cable Length (Feet)	33
Power Cable (Protection)	Strain Relief
Power Cable Plug	N/A
Strainer Base	7mm inlets
PUMP COMPONENTS	7 min inicts
	Comi onon
Impeller Type	Semi-open
Impeller	High Chrome
	Industrial Type 21, oil
Mechanical Seal System	bathed, dual silicon
	carbide - corrosion
	resistant
	Maintenance-free, dual
Motor Bearings	sealed, lubricated
	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	140
Salt or Chemical Ops.	NO
DIMENSIONS	
MAX Height (Inch)	34
MAX Footprint (Inch)	14
Weight (Lbs.)	301.0
* Est. conservative amp draw	

* Est. conservative amp draw @ 230 VAC

Optional Accessories

<u>Part</u>	<u>Description</u>
CB1274 HD650 HDQ650 A600A	230V 3Ø - ON/OFF/AUTO Control Box: ON/OFF, electronic overload protection, support float switches 6" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi 6" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi 6" Aluminum, male cam & groove lock coupler

ST61460

6" CENTRIFUGAL SUBMERSIBLE PUMP

[Fresh water pump - minimal debris]

Replaceable, cast iron 6" NPT male thread discharge port

Strain relief power cord

Industrial 33' power cord

protection w/sealed power cable attachment assembly

Twin plated steel lifting eyes

Narrow 14" pump footprint

Stainless steel outer casing, and cast iron inner pump water sleeve design provides both strength and maximum cooling action to the motor.

Dual sealed, lubricated motor bearings +

Powerful industrial grade Class F rated 15 HP electric motor Double dip/bake motor insulation process

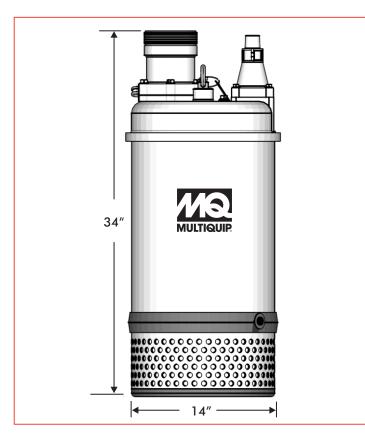
Industrial Type 21 oil bathed dual silicon carbide mechanical seal system

Strainer base provides passage of debris of @ .028" in diameter

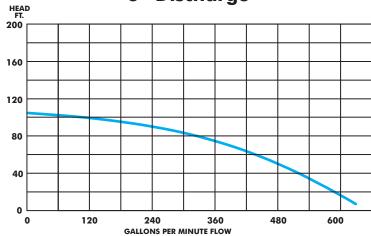
Oil-lifting connector spring enhances cooling of seal for greater component longevity

Wear resistant grade high chrome impeller

ST61460 CENTRIFUGAL SUBMERSIBLE PUMP



ST61460 Performance Curve 6" Discharge



MOTOR	
Motor Type	Squirrel cage type
Phase/Cycle	3-Phase / 60 HZ
Motor Class	B
Capacitor	Start / Run
Voltage	460
Amp (Starting)	*68
Amp (Running)	21.5
Horsepower	15.0
Rated Speed-RPM	3.600
Insulation Class	5,000 F
Ilisulation Class	Double dip baked
Insulation Type	process
PUMP PERFORMANCE	process
Flow (GPM)	674
Head (Feet)	105
PSI	
	45
MIN Pumping Level (inch)	1.0
PUMP BODY	
Outer Casing	Stainless Steel
Inner Casing	Cast Iron
Discharge Port	Cast Iron / Replaceable
Discharge Diameter	6" Male NPT
Carry Handle	Ergonomic, industrial
Power Cable Length (Feet)	33
Power Cable (Protection)	Strain Relief
Power Cable Plug	N/A
Strainer Base	7mm inlets
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	Ductile iron
	Industrial Type 21, oil
Mechanical Seal System	bathed, dual silicon
Wechanical Seal System	carbide - corrosion
	resistant
	Maintenance-free, dual
Motor Bearings	sealed, lubricated
motor Bearings	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	140
Salt or Chemical Ops.	NO
DIMENSIONS	
MAX Height (Inch)	34
MAX Footprint (Inch)	14
Weight (Lbs.)	301.0
* Est. conservative amp draw	

* Est. conservative amp draw @ 460 VAC

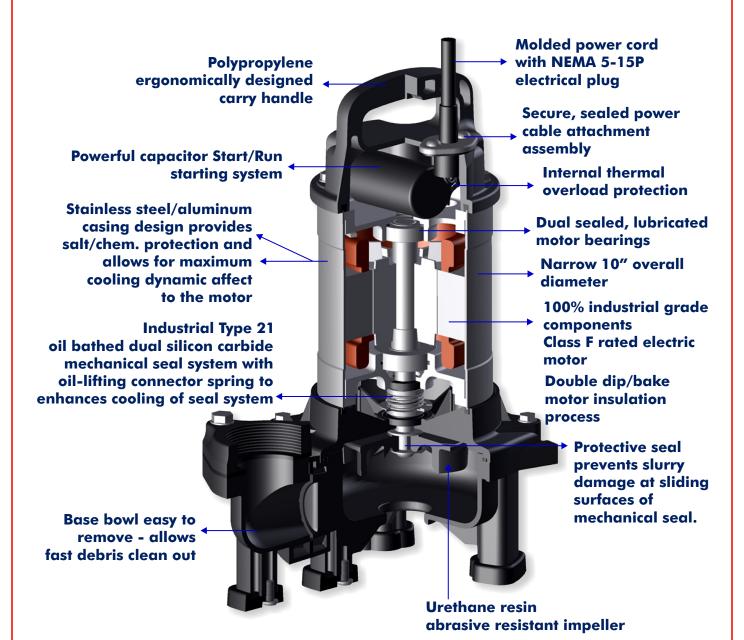
Optional Accessories

Part	<u>Description</u>
CB1463 HD650 HDQ650 A600A	460V 3Ø - ON/OFF/AUTO Control Box: ON/OFF, electronic overload protection, support float switches 6" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi 6" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi 6" Aluminum, male cam & groove lock coupler

PX400

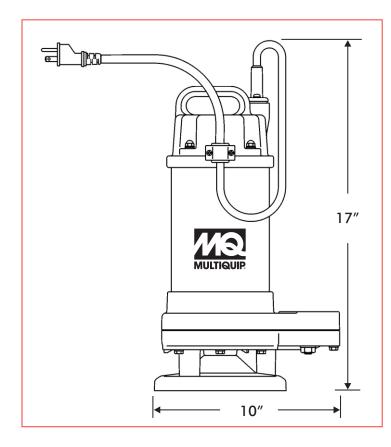
2" CENTRIFUGAL SUBMERSIBLE TRASH PUMP

[Fresh, salt, selected chemical water, debris pump]



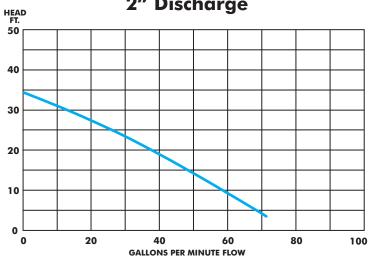
PX400 CENTRIFUGAL SUBMERSIBLE PUMP

MOTOR



PX400

Performance Curve 2" Discharge



MOTOR	
Motor Type	Squirrel cage type
Voltage/Phase/Cycle	115AC / 1-Phase / 60 HZ
Motor Class	В
Capacitor	Start / Run
Voltage	115
Amp (Starting)	*21
Amp (Running)	6.2
Horsepower	1.0
Rated Speed-RPM	3,390 ± 30
Insulation Class	F
Insulation Type	Double dip baked process
PUMP PERFORMANCE	
Flow (GPM)	72
Head (Feet)	34
PSI	15
MAX Solids (Inch)	1
MIN Pumping Level (inch)	4.0
PUMP BODY	
Outer Casing	Stainless Steel
Inner Casing	Polyurethane
Discharge Port	Poly / Replaceable
Discharge Diameter	2" Female NPT
Carry Handle	Angled, industrial
Power Cable Length (Feet)	19
Power Cable (Protection)	Strain Relief
Power Cable Plug	NEMA 5-15P
Strainer Base	Removable
	Kelliovable
PUMP COMPONENTS	0
Impeller Type	Semi-open
Impeller	Neoprene
	Industrial Type 21, oil
Mechanical Seal System	bathed, dual silicon
	carbide - corrosion
	resistant
Motor Bearings	Maintenance-free, dual
	sealed, lubricated
	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	140
Salt or Chemical Ops.	YES
DIMENSIONS	
MAX Height (Inch)	17
MAX Footprint (Inch)	10
Weight (Lbs.)	25.0
* Est. conservative amp draw	@ 115VAC

* Est. conservative amp draw @ 115VAC

Optional Accessories

Part Description
SW1A Single, mechanical Float Switch, poly enclosure, 20' power cord, w/molded plug receptacle connector
HD250 2" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi
HDQ250 2" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi
A200A Aluminum, male cam & groove lock coupler

ST2040T

2" CENTRIFUGAL TRASH SUBMERSIBLE PUMP

[Fresh water debris pump]



Strain relief power cord protection

Powerful capacitor Start/Run starting system

Aluminum/Cast Iron
Sleeve heat conducting
design provides maximum
cooling dynamic affect
to the motor

Industrial Type 21
oil bathed dual
silicon carbide
mechanical
seal system

Protective seal prevents slurry
damage at sliding surfaces of mechanical seal

Base bowl easy to remove - allows fast debris clean out Plated steel/ polypropylene ergonomically designed carry handle

Secure, sealed power cable attachment assembly

Narrow 10.3" overall diameter

Internal thermal overload protection

100% industrial grade components
Class F rated electric motor

Double dip/bake motor insulation process

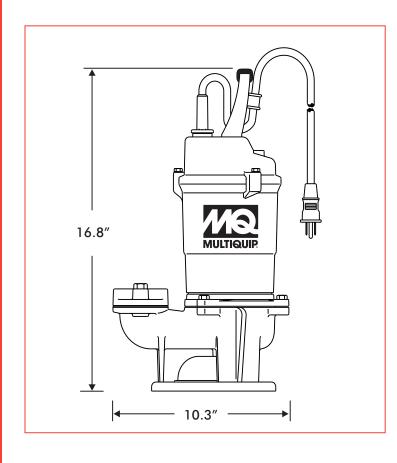
Dual sealed, lubricated motor bearings

Oil-lifting connector spring enhances cooling of seal for greater component longevity



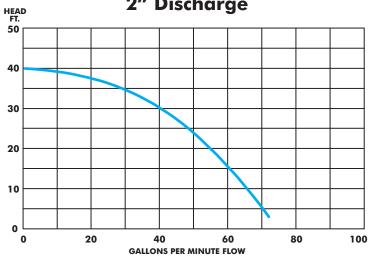
ST2040T CENTRIFUGAL TRASH SUBMERSIBLE PUMP

MOTOR



ST2040T

Performance Curve 2" Discharge



MOTOR	
Motor Type	Squirrel cage type
Voltage/Phase/Cycle	115AC / 1-Phase / 60 HZ
Motor Class	В
Capacitor	Start / Run
Voltage	115
Amp (Starting)	*25
Amp (Running)	6.8
Horsepower	1.0
Rated Speed-RPM	3,390 ± 30
Insulation Class	F
In and the or Trees	Double dip baked
Insulation Type	process
PUMP PERFORMANCE	
Flow (GPM)	73
Head (Feet)	37
PSI	16
MAX Solids (Inch)	1
MIN Pumping Level (inch)	5.0
PUMP BODY	0.0
Outer Casing	Aluminum
Inner Casing	Cast Iron
Discharge Port	Cast Iron / Replaceable
Discharge Diameter	2" Female NPT
•	
Carry Handle	Angled, industrial
Power Cable Length (Feet)	25
Power Cable (Protection)	Strain Relief
Power Cable Plug	NEMA 5-15P
Strainer Base	Removable
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	Neoprene
	Industrial Type 21, oil
Mechanical Seal System	bathed, dual silicon
meenamear eear eyetem	carbide - corrosion
	resistant
	Maintenance-free, dual
Motor Bearings	sealed, lubricated
Motor Bearings	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	140
Salt or Chemical Ops.	NO
DIMENSIONS	
MAX Height (Inch)	16.8
MAX Footprint (Inch)	10.3
. , ,	34.0
Weight (Lbs.)	

* Est. conservative Amp draw @ 115VAC

Optional Accessories

UL/CSA Certified

Part Description

SW1A Single, mechanical Float Switch, poly enclosure, 20' power cord, w/molded plug receptacle connector 4D250 2" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi 4C200A Aluminum, male cam & groove lock couplers - rated 75 psi Aluminum, male cam & groove lock coupler

ST2040TF

2" CENTRIFUGAL TRASH SUBMERSIBLE PUMP

[Fresh water debris pump]

Industrial, polypropylene integrated mechanical float switch assembly - 13" length



Molded power cord with NEMA 5-15P electrical plug

Strain relief power cord protection

Plated steel/ polypropylene ergonomically designed carry handle

Powerful capacitor
Start/Run
starting system

Secure, sealed power cable attachment assembly

Aluminum/cast iron
Sleeve heat conducting
design provides maximum
cooling dynamic affect
to the motor

Narrow 10.3" overall diameter

Industrial Type 21 oil bathed dual silicon carbide mechanical Internal thermal overload protection

silicon carbide mechanical seal system overload protection
100% industrial grade

Protective seal prevents slurry +

components
Class F rated electric
motor

protective seat prevents slurry damage at sliding surfaces of mechanical seal Double dip/bake motor insulation process

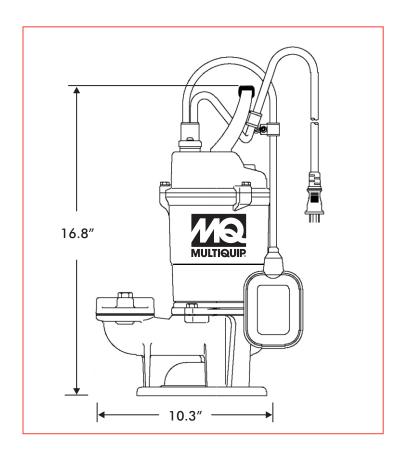
Base bowl easy to remove - allows fast debris clean out Dual sealed, lubricated motor bearings

Trusted abrasive

Oil-lifting connector spring enhances cooling of seal for greater component longevity

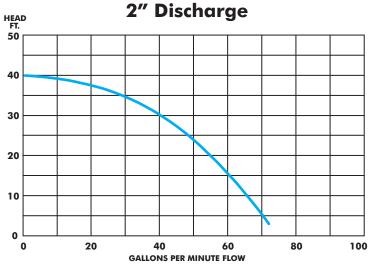
resistant impellers

ST2040TF CENTRIFUGAL TRASH SUBMERSIBLE PUMP



ST2040TF

Performance Curve 2" Discharae



MOTOR	
Motor Type	Squirrel cage type
Voltage/Phase/Cycle	115AC / 1-Phase / 60 HZ
Motor Class	В
Capacitor	Start / Run
Voltage	115
Amp (Starting)	*25
Amp (Running)	6.8
Horsepower	1.0
Rated Speed-RPM	3,390 ± 30
Insulation Class	F
Insulation Type	Double dip baked process
PUMP PERFORMANCE	
Flow (GPM)	73
Head (Feet)	37
PSI	16
MIN Pumping Level (inch) -	
no float switch	0.75
MIN Pumping Level (inch) -	
w float switch	** @ 5.0
	5.0
MIN Pumping Level (inch)	5.0 1
MAX Solids (Inch)	1
PUMP BODY	
Outer Casing	Aluminum
Inner Casing	Cast Iron
Discharge Port	Cast iron / Replaceable
Discharge Diameter	2" Female NPT
Carry Handle	Angled, industrial
Power Cable Length (Feet)	25
Power Cable (Protection)	Strain Relief
Power Cable Plug	NEMA 5-15P
Strainer Base	Removable
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	Neoprene
	Industrial Type 21, oil
Mechanical Seal System	bathed, dual silicon
Mediumour dear dystem	carbide - corrosion
	resistant
	Maintenance-free, dual
Motor Bearings	sealed, lubricated
Wotor Bearings	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	140
Salt or Chemical Ops.	NO
DIMENSIONS	
MAX Height (Inch)	16.8
MAX Footprint (Inch)	** 21
Weight (Lbs.)	34.0

^{*} Est. conservative Amp draw @ 115VAC

Optional Accessories

UL/CSA Certified

Part Description

HD250 2" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi

HDQ250 2" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi

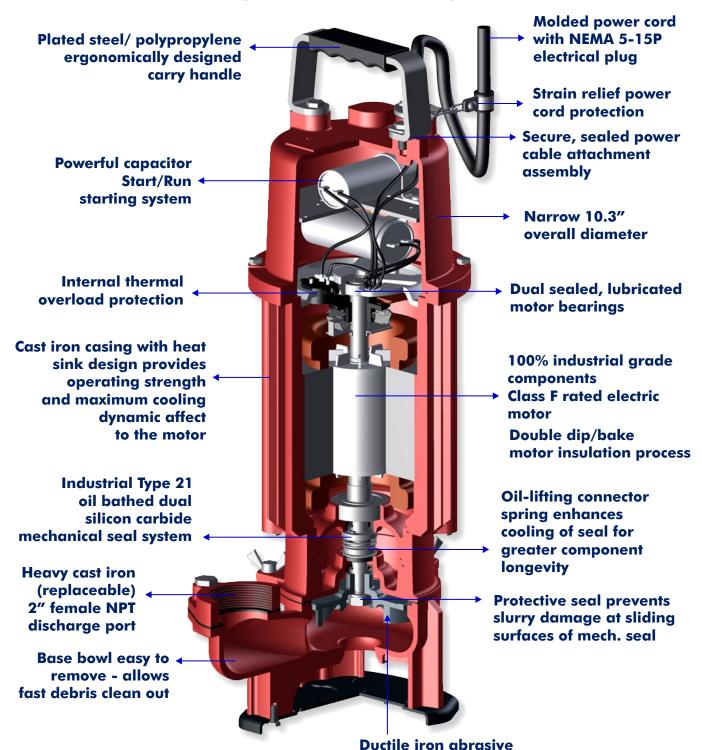
A200A Aluminum, male cam & groove lock coupler

^{**} w/Float Switch deployed

ST2010TCUL

2" CENTRIFUGAL TRASH SUBMERSIBLE PUMP

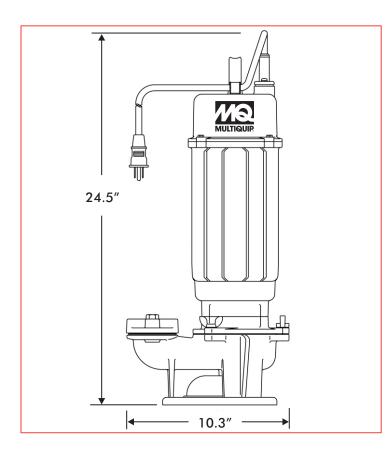
[Fresh water debris pump]



resistant impellers

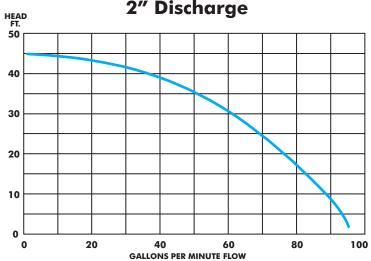
ST2010TCUL CENTRIFUGAL TRASH SUBMERSIBLE PUMP

MOTOR



ST2010TCUL

Performance Curve 2" Discharge



WICTOR	
Motor Type	Squirrel cage type
Voltage/Phase/Cycle	115AC / 1-Phase / 60 HZ
Motor Class	В
Capacitor	Start / Run
Voltage	115
Amp (Starting)	*30
Amp (Running)	9.4
Horsepower	1.0
Rated Speed-RPM	3,550 ± 30
Insulation Class	F
Insulation Type	Double dip baked process
PUMP PERFORMANCE	
Flow (GPM)	95
Head (Feet)	45
PSI	19
MAX Solids (Inch)	1
	-
MIN Pumping Level (inch)	5.0
PUMP BODY	
Outer Casing	Cast Iron
Inner Casing	Cast Iron
Discharge Port	Cast Iron / Replaceable
Discharge Diameter	2" Female NPT
Carry Handle	Angled, industrial
Power Cable Length (Feet)	50
Power Cable (Protection)	Strain Relief
Power Cable Plug	NEMA 5-15P
Strainer Base	Removable
PUMP COMPONENTS	
Impeller Type	Semi-open
Impeller	Ductile Iron
·	Industrial Type 21, oil
	bathed, dual silicon
Mechanical Seal System	carbide - corrosion
	resistant
	Maintenance-free, dual
Motor Bearings	sealed, lubricated
	angular-contact
	bearings
Mecahnical Shaft	Stainless Steel
O-Rings	Nitrile Rubber
Hardware	Stainless Steel
MAX Fluid Temp (F)	140
Salt or Chemical Ops.	NO
DIMENSIONS	
MAX Height (Inch)	24.5
MAX Footprint (Inch)	10.3
Weight (Lbs.)	77.0
* Est. conservative Amp draw	∕ @ 115VAC

^{*} Est. conservative Amp draw @ 115VAC

Optional Accessories

UL/CSA Certified

Part	<u>Description</u>
SW1A	Single, mechanical Float Switch, poly enclosure, 20' power cord, w/molded plug receptacle connector
HD250	2" X 50' Flat PVC Discharge Hose - female & male NPT Thread - rated to 75 psi
HDQ250	2" X 50' Flat PVC Discharge Hose - female & male Cam & Groove lock couplers - rated 75 psi
A200A	Aluminum male cam & groove lock counter