

ABS Submersible Dewatering Pumps



Dewatering Solutions for the Real World

At Sulzer, our interest in dewatering runs deep, but we do realize that for many users the main concern is for the water to go away - the sooner, the better. Let us worry about flow rates, pump selection, energy consumption and other specs. We will provide you with the best and most efficient solution.

In a world where time is money, fast dewatering of a worksite is crucial. We can help you plan for efficient dewatering, in virtually any situation – construction sites, tunnels, mines, shipyards and dry docks.

More than 50 years of technical and real-world experience, has resulted in a complete range of submersible dewatering pumps. Changing needs over the project duration can make financing of a dewatering project a real challenge. At Sulzer we offer pump solutions that include purchase and service. By making use of our extensive network of service centers and partners, problems can be resolved quickly and efficiently without disruptions to your schedules.



ABS Submersible Drainage Pumps J 12-15

ABS submersible drainage pumps J 12-15 are suitable for pumping water and dirty water mixed with light abrasives. The low weight and compact design makes for convenient transport, handling and installation.

1 Easy start

Built-in contactor connected to the thermal sensors in the stator windings protects the motor from overheating and features an automatic restart function.

2 Wear resistance

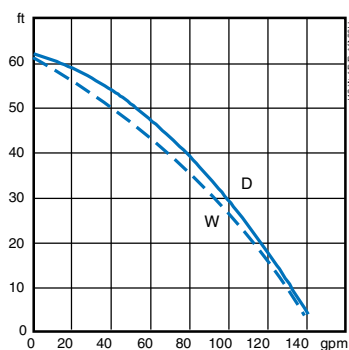
Impeller in high-chrome alloy with full upper shroud and adjustable wear parts coated in nitrile rubber for high abrasion resistance.

3 Reliable operation

Double mechanical shaft seal in oil bath with primary and secondary seal surfaces in silicon carbide extend the life of the pump. Double outer casing and good heat convection enables pump to operate continuously at low levels or even run dry without damaging the motor.

4 Serviceability

Due to modular design, the same parts can be used for different pumps, which lowers the overall service costs. The adjustable diffuser ensures proper clearance throughout the life of the impeller. By removing the top cover of the pump you can easily check the electrical junction area.



ABS J 12

J 12 W/J 12 WKS*

J 12 D/J 12 DKS**

Motor rating P2

Voltage (V):

Full load amps (A):

Speed:

Strainer hole:

Discharge connections

Weight (excl. cable)

Motor protection

Electric cable

1-phase

3-phase

1.5 Hp, 1 ~

115 or 230

13/6.5

3310 rpm

1/4" x 7/8"

Thread NPT 2", 3"

35 lb

built in

65 ft

1.5 HP, 3 ~

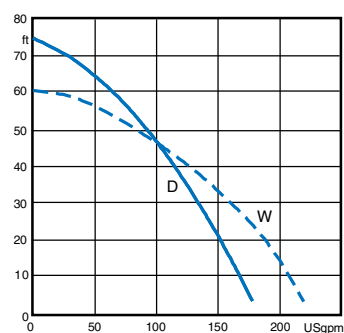
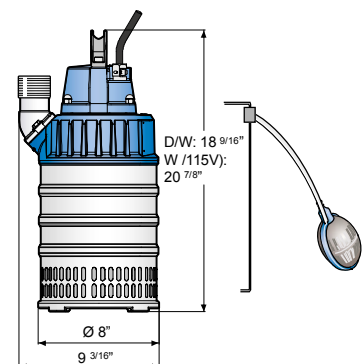
230/460 or 575

4.4/2.2 or 1.8

3400 rpm

* Built in float switch available as option.

** KS version not available in 575V.



ABS J 15

J 15 W/J 15 WKS*

J 15 D/J 15 DKS**

Motor rating P2

Voltage (V):

Full load amps (A):

Speed:

Strainer hole:

Discharge connections

Weight (excl. cable)

Motor protection

Electric cable

1-phase

3-phase

2.1 Hp, 1 ~

230

9.5

3310 rpm

1/4" x 7/8"

Thread NPT 2", 3"

40 lb (W), 36 lb (D)

built in

65 ft

2.1 Hp, 3 ~

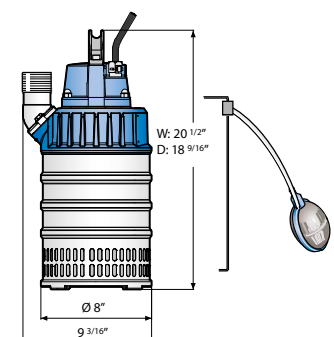
230/460 or 575

5.8/2.9 or 2.3

3400 rpm

* Built in float switch available as option.

** KS version not available in 575V.



ABS Submersible Drainage Pumps XJ 25-80

ABS submersible drainage pumps XJ 25-80 are excellent for pumping water and dirty water mixed with light abrasives. The slim design makes them easy to move and easy to handle.

1 Easy to start

Built-in contactor connected to the thermal sensors in the stator windings protects the motor from overheating and features an automatic restart function.

2 Wear resistance

Impeller and wear ring in high-chrome alloy, and diffusers coated in oil-resistant nitrile rubber, offers high resistance to abrasives.

3 Reliable operation

Double mechanical shaft seals in oil bath with primary seal surfaces in silicon carbide, and secondary in silicon carbide on carbon, extend the life of the pump. Double cable-entry-seal system increases the protection from moisture entering the electrical junction area. Double outer casing and good heat convection enable pump to operate continuously at low levels or even run dry without damaging the motor.

4 Serviceability

Due to modular design, the same parts can be used for different pumps, which lowers the overall service costs. The adjustable wear ring ensures proper clearance throughout the life of the impeller. External inspection ports for oil and motor chambers for quick and easy shaft seal evaluation during service. By removing the top cover of the pump you can easily check the electrical junction area.

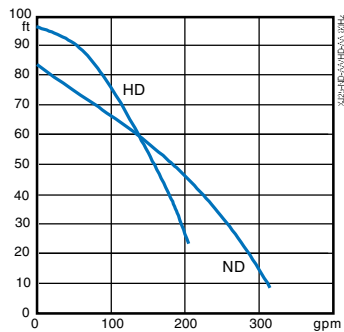
5 Saves energy and the environment

The high-efficiency motor and new hydraulics are combined with low friction bearings to reduce power losses. You achieve low total energy costs and minimize your carbon footprint.

6 Flexibility

Conversion from high volume to high head hydraulics with only a few parts provides the right performance to fit the application.





ABS XJ 25

XJ 25 ND*

XJ 25 HD*

Motor rating P2

Voltage (V)

Full load (A)

Speed

Strainer hole

Discharge connections

Weight (excl. cable)

Motor protection

Electric cable

Medium head

High head

4 Hp, 3 ~

230 / 460 / 575

9.8 / 4.9 / 3.9

3500 rpm

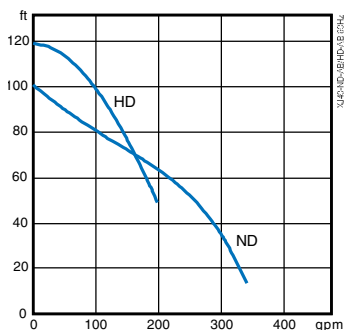
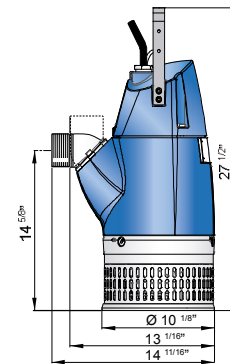
5/16"x 7/8"

Thread NPT 3", 4"

86 lbs

Built in

65 ft



ABS XJ 40

XJ 40 ND*

XJ 40 HD*

Motor rating P2

Voltage (V)

Full load (A)

Speed

Strainer hole

Discharge connections

Weight (excl. cable)

Motor protection

Electric cable

Medium head

High head

6 Hp, 3 ~

230 / 460 / 575

14.8 / 7.4 / 5.9

3470 rpm

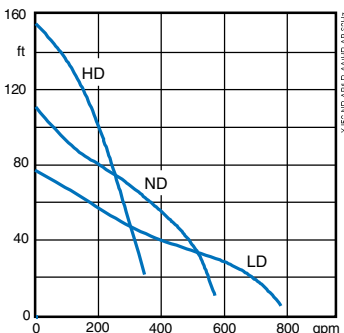
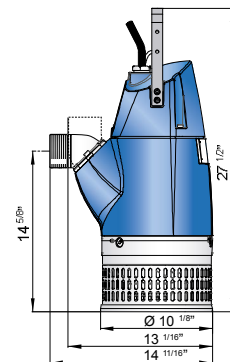
5/16"x 7/8"

Thread NPT 3", 4"

93 lbs

Built in

65 ft



ABS XJ 50

XJ 50 ND*

XJ 50 LD*

XJ 50 HD*

Motor rating P2

Voltage (V)

Full load (A)

Speed

Strainer hole

Discharge connections

Weight (excl. cable)

Motor protection

Electric cable

Medium head

High flow

High head

9 Hp, 3 ~

230 / 460 / 575

22.4 / 11.2 / 9.0

3520 rpm

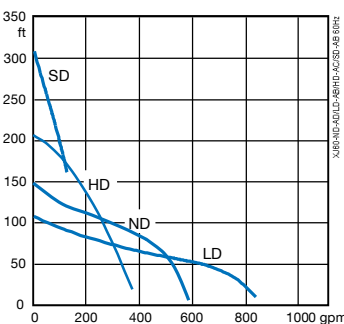
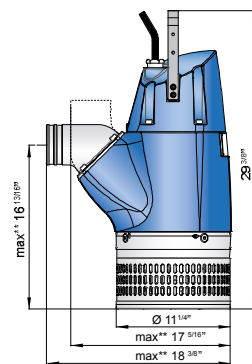
5/16"x 7/8"

Thread NPT 3", 4", 6"

130 lbs

Built in

65 ft



ABS XJ 80

XJ 80 ND*

XJ 80 LD*

XJ 80 HD*

XJ 80 SD*

Motor rating P2

Voltage (V)

Full load (A)

Speed

Strainer hole

Discharge connections

Weight (excl. cable)

Motor protection

Electric cable

Medium head

High flow

High head

High head

13 Hp, 3 ~

230 / 460 / 575

31.4 / 15.7 / 12.6

3520 rpm

5/16"x 7/8"

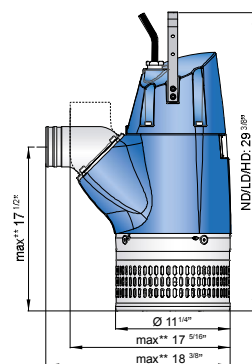
Thread NPT 3", 4", 6"

ND/LD/HD: 139 lbs,

SD: 172 lbs

Built in

65 ft



* Option: AquaTronic, built-in electronic pump control.

** Max measurement based on largest discharge size.

ABS Submersible Drainage Pumps J 205-604

ABS submersible drainage pumps J 205-604 are suitable for pumping water and dirty water mixed with light abrasives. These pumps are designed for convenient transport, handling and installation.

1 Easy to start

J 205 includes a built-in contactor connected to the thermal sensors in the stator windings protecting the motor from overheating and features an auto-automatic restart function. J 405-604 have thermal sensors in the stator windings protecting the motor from overheating by means of an external control panel.

2 Wear resistance

Abrasive resistant impellers combined with diffusers and wear rings coated in oil-resistant nitrile rubber provide extended pump life in tough applications.

3 Reliable operation

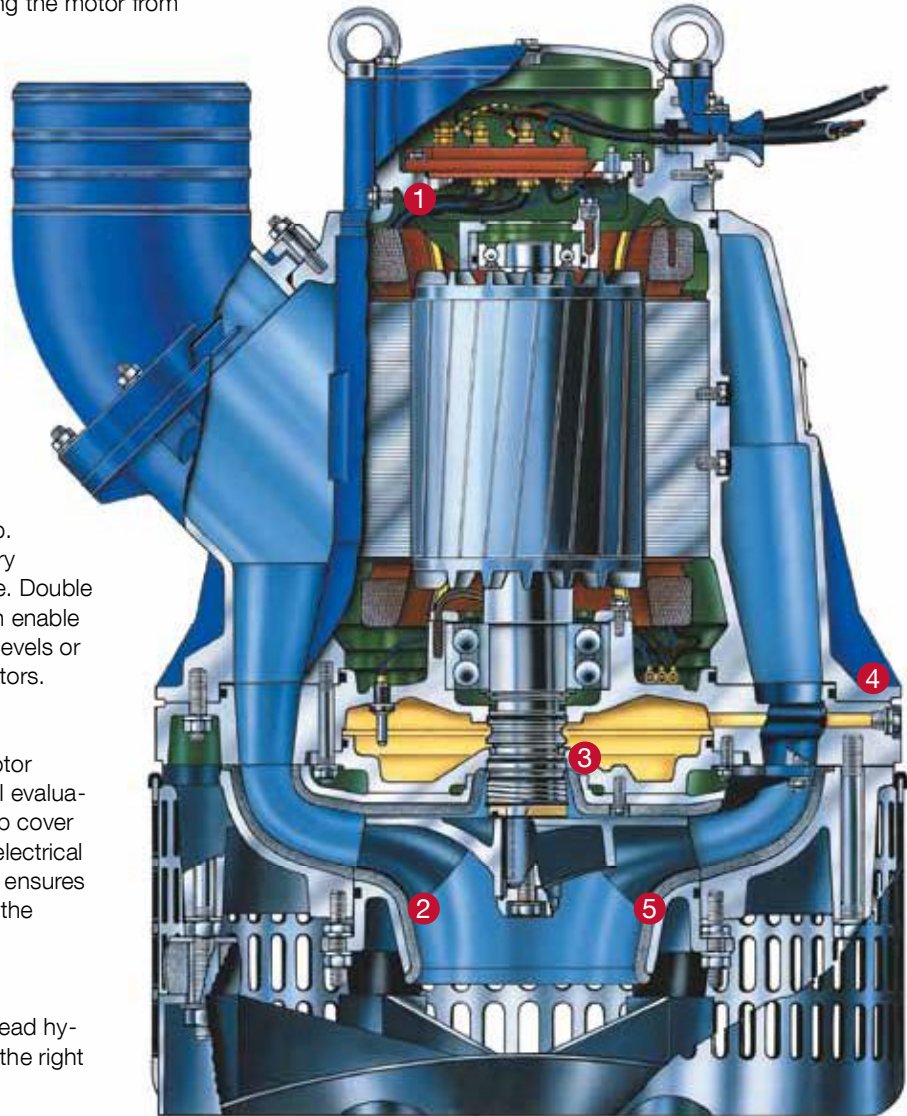
Double mechanical shaft seals in oil bath with primary seal surfaces in silicon carbide extend the life of the pump. J 205-405 offers primary and secondary seal in an easy to replace seal cartridge. Double outer casing and good heat convection enable pumps to operate continuously at low levels or even run dry without damaging the motors.

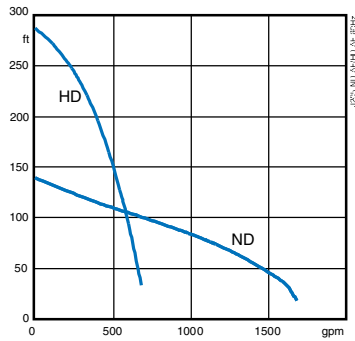
4 Serviceability

External inspection ports for oil and motor chambers for quick and easy shaft seal evaluation during service. By removing the top cover of the pump you can easily check the electrical junction area. The adjustable wear ring ensures proper clearance throughout the life of the impeller.

5 Flexibility

Conversion from high volume to high head hydraulics with only a few parts provides the right performance to fit the application.





ABS J 205

J 205 ND

J 205 HD

Motor rating P2

Voltage (V):

Full load amps (A):

Speed:

Strainer hole:

Discharge connections

Weight (excl. cable)

Motor protection

Electric cable

Medium head, 3-phase

High head, 3-phase

35 Hp, 3 ~

230/460 or 575

82/41 or 33

3500 rpm

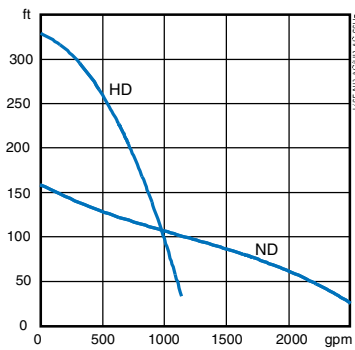
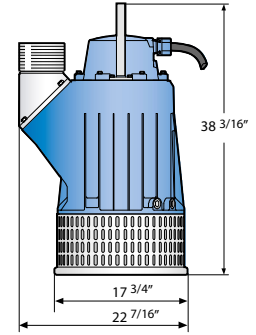
5/16" x 1 5/16"

Thread NPT 4", 6", 8"

342 lb

built in

65 ft



ABS J 405

J 405 ND

J 405 HD

Motor rating P2

Voltage (V):*

Full load amps (A):

Speed:

Strainer hole:

Discharge connections

Weight (excl. cable)

Motor protection

Electric cable

Medium head, 3-phase

High head, 3-phase

55 Hp, 3 ~

460 or 575

66 or 53

3450 rpm

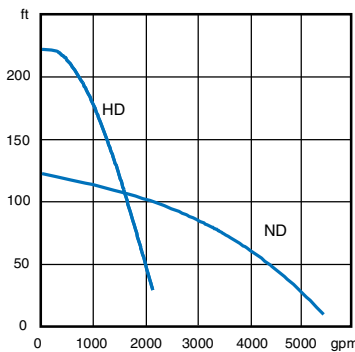
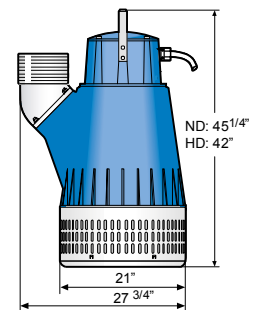
5/16" x 1 5/16"

Thread NPT 4", 6", 8"

595 lb

thermal overload sensors

65 ft



ABS J 604

J 604 ND

J 604 HD

Motor rating P2

Voltage (V):*

Full load amps (A):

Speed:

Strainer hole:

Discharge connections

Weight (excl. cable)

Motor protection

Electric cable

Medium head, 3-phase

High head, 3-phase

94 Hp, 3 ~

460 or 575

113 or 91

1732 rpm

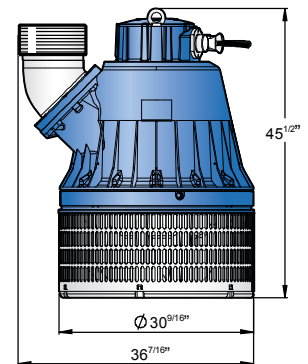
1/2" x 2 3/8"

Thread NPT 6", 8", 10"

1157 lb

thermal overload sensors

100 ft



ABS Submersible Center-line Drainage Pumps JC and XJC

ABS submersible center-line drainage pumps JC 6-34 and XJC 50-80 are excellent for pumping water and dirty water mixed with light abrasives. The slim design makes them easy to move and easy to handle, and they are perfect for applications with limited installation space.

1 Easy to start

Built-in contactor connected to the thermal sensors in the stator windings protects the motor from overheating and features an automatic restart function.

2 Wear resistance

Impeller and wear ring in high-chrome alloy, and diffusers coated in oil-resistant nitrile rubber, offers high resistance to abrasives.

3 Reliable operation

Double mechanical shaft seals in oil bath with primary seal surfaces in silicon carbide, and secondary in silicon carbide on carbon, extend the life of the pump. XJC 50-80 has double cable-entry-seal system increasing the protection from moisture entering the electrical junction area. Double outer casing and good heat convection enable pump to operate continuously at low levels or even run dry without damaging the motor.

4 Serviceability

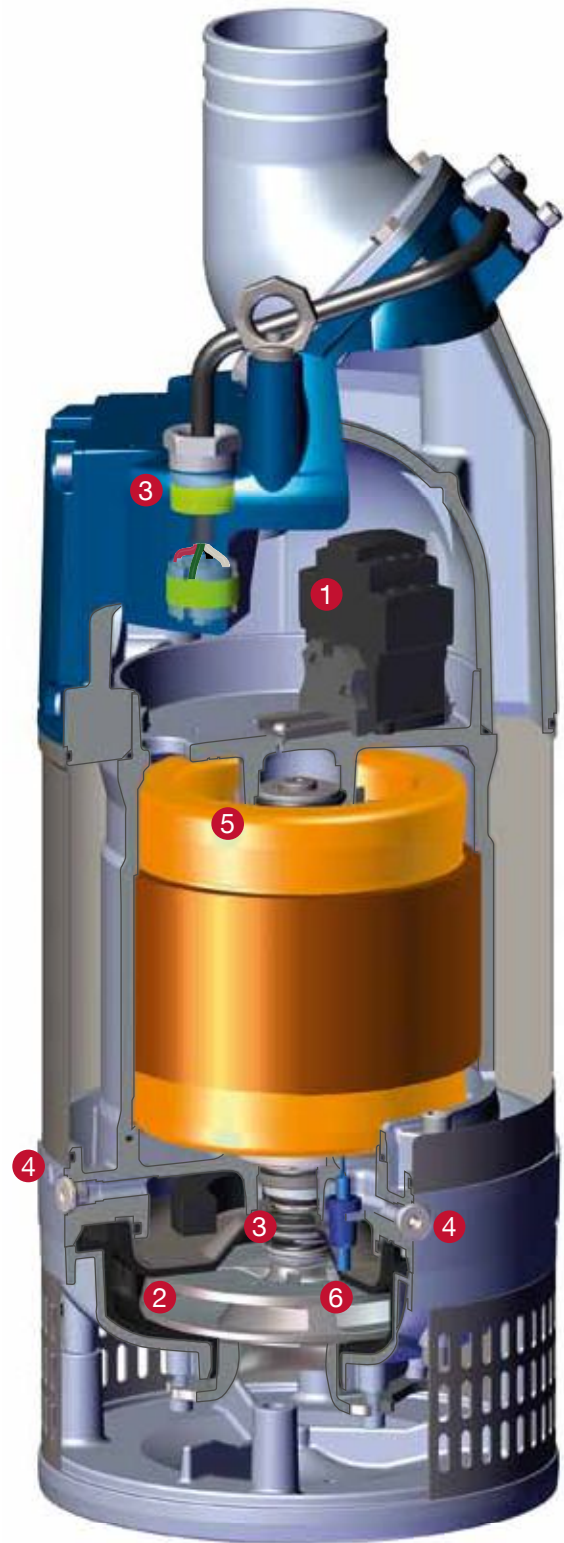
Due to modular design, the same parts can be used for different pumps, which lowers the overall service costs. The adjustable wear ring ensures proper clearance throughout the life of the impeller. External inspection ports for oil and motor chambers for quick and easy shaft seal evaluation during service. By removing the top cover of the pump you can easily check the electrical junction area.

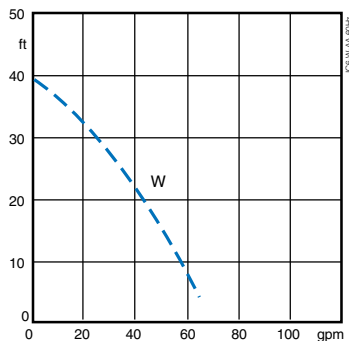
5 Saves energy and the environment

XJC 50-80 are equipped with high-efficiency motors and new hydraulics, and this is combined with low friction bearings to reduce power losses. You achieve low total energy costs and minimize your carbon footprint.

6 Flexibility

XJC 50-80 will convert from high volume to high head hydraulics with only a few parts providing the right performance to fit the application.



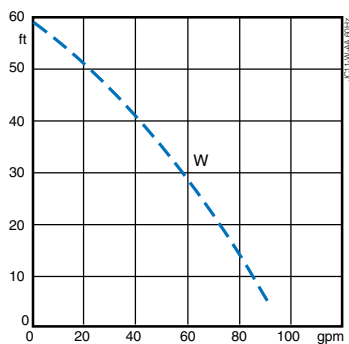
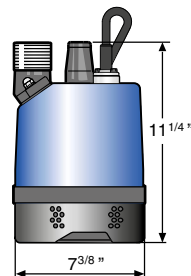


ABS JC 6

JC 6 W

Motor rating P2
Voltage (V):
Full load amps (A):
Speed:
Discharge connections
Weight (excl. cable)
Motor protection
Electric cable

1-phase
0.6 Hp, 1 ~
115
5.4
3450 rpm
Thread NPT 2"
21 lb
built in
32 ft

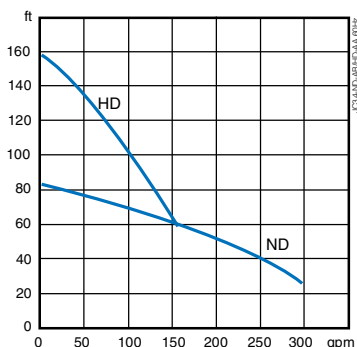
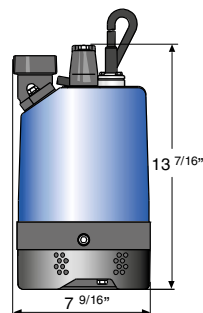


ABS JC 11

JC 11 W-2

Motor rating P2
Voltage (V):
Full load amps (A):
Speed:
Discharge connections
Weight (excl. cable)
Motor protection
Electric cable

1-phase
1.0 Hp, 1 ~
115
10.3
3330 rpm
Thread NPT 2"
29 lb
built in
50 ft



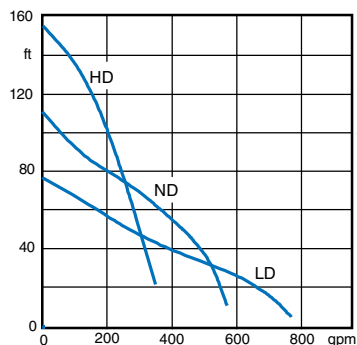
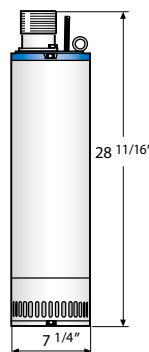
ABS JC 34

JC 34 ND

JC 34 HD

Motor rating P2
Voltage (V):
Full load amps (A):
Speed:
Strainer hole:
Discharge connections
Weight (excl. cable)
Motor protection
Electric cable

Medium head, 3-phase
High head, 3-phase
6.0 Hp, 3 ~
230/460 or 575
16/8.0 or 6.4
3400 rpm
5/16" x 1 5/16"
Thread NPT 2", 3"
68 lb
built in
65 ft



ABS XJC 50

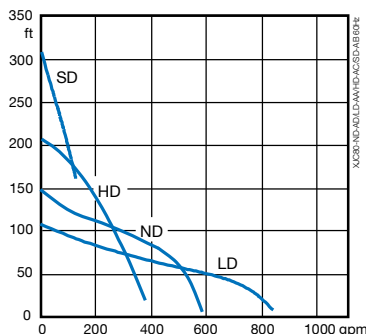
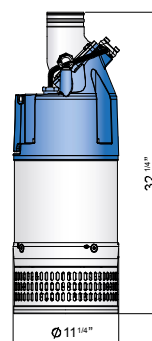
XJC 50 ND*

XJC 50 LD*

XJC 50 HD*

Motor rating P2
Voltage (V)
Full load (A)
Speed
Strainer hole
Discharge connections
Weight (excl. cable)
Motor protection
Electric cable

Medium head
High flow
High head
9 Hp, 3 ~
230 / 460 / 575
22.4 / 11.2 / 9.0
3520 rpm
5/16" x 7/8"
Thread NPT 3", 4", 6"
130 lbs
Built in
65 ft



ABS XJC 80

XJC 80 ND*

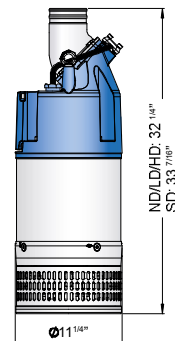
XJC 80 LD*

XJC 80 HD*

XJC 80 SD*

Motor rating P2
Voltage (V)
Full load (A)
Speed
Strainer hole
Discharge connections
Weight (excl. cable)
Motor protection
Electric cable

Medium head
High flow
High head
High head
13 Hp, 3 ~
230 / 460 / 575
31.4 / 15.7 / 12.6
3520 rpm
5/16" x 7/8"
Thread NPT 3", 4", 6"
ND/LD/HD: 139 lbs, SD: 172 lbs
Built in
65 ft



* Option: AquaTronic, built-in electronic pump control.



ABS Submersible Trash Pumps JS 12-15

ABS submersible trash pumps JS 12-15 are excellent for pumping dirty water and water mixed with solids. They have a slim design and low weight, which makes them easy to move and easy to handle.

1 Easy to start

Built-in contactor connected to the thermal sensors in the stator windings protects the motor from overheating and features an automatic restart function.

2 Clog-free pumping

Equipped with a free flow vortex impeller and a pump volute, the JS is perfect for pumping solids. The impeller is available in different sizes to meet specific requirements.

3 Reliability

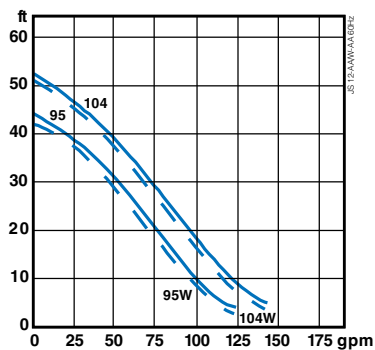
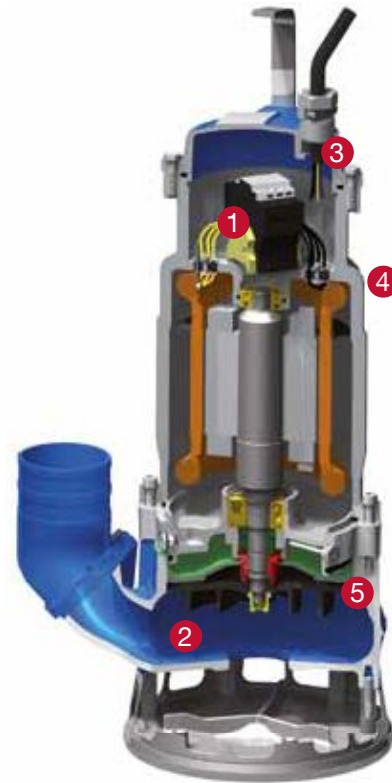
Both impeller and volute are made from heavy duty ductile iron for maximum durability. Double mechanical shaft seals in oil bath with primary and secondary seal surfaces in silicon carbide extend the life of the pump.

4 Convenient handling

Top cover and motor housing are made in lightweight aluminum, which provides a pump that is very easy to handle and install.

5 Serviceability

Due to modular design, the same parts can be used for different pumps, which lowers the overall service costs. External inspection ports for oil and motor chambers for quick and easy shaft seal evaluation during service. By removing the top cover of the pump you can easily check the electrical junction area.



ABS JS 12

JS 12 W/WKS* -95

JS 12 W/WKS* -104

JS 12 D/DKS* -95

JS 12 D/DKS* -104

Motor rating P2

Voltage (V):

Full load amps (A):

Speed:

Free passage

Discharge connections

Weight (excl. cable)

Motor protection

Electric cable

1-phase

1-phase

3-phase

3-phase

1.5 Hp, 1 ~

230

6.6

3360 rpm

1 3/4" x 1 9/16"

Thread NPT 2", 3"

40 lb

built-in

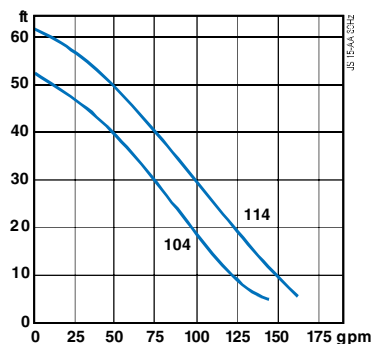
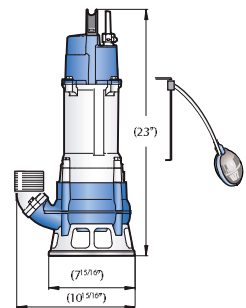
65 ft

1.5 Hp, 3 ~

230/460 or 575

3.8/1.9 or 1.5

3400 rpm



ABS JS 15

JS 15D/DKS* -104

JS 15D/DKS* -114

Motor rating P2

Voltage (V):

Full load amps (A):

Speed:

Free passage

Discharge connections

Weight (excl. cable)

Motor protection

Electric cable

3-phase

3-phase

2.0 Hp, 3 ~

230/460 or 575

5.2/2.6 or 2.1

3400 rpm

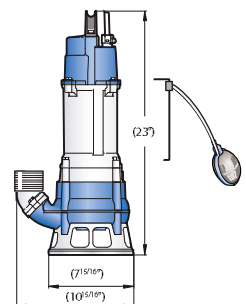
1 3/4" x 1 9/16"

Thread NPT 2", 3"

40 lb

built-in

65 ft



* Built in float switch available as option. KS version not available in 575V.

ABS Submersible Trash Pumps XJS 25-80

ABS submersible trash pumps XJS 25-80 are excellent for pumping dirty water and water mixed with solids. The slim design makes them easy to move and easy to handle.

1 Easy to start

Built-in contactor connected to the thermal sensors in the stator windings protects the motor from overheating and features an automatic restart function.

2 Clog-free pumping

Equipped with a free flow vortex impeller and a pump volute, the XJS is perfect for pumping solids. The impeller is available in different sizes to meet specific requirements.

3 Reliability

Both impeller and volute are made from heavy duty ductile iron for maximum durability. Double mechanical shaft seals in oil bath with primary seal surfaces in silicon carbide, and secondary in silicon carbide on carbon, extend the life of the pump. Double cable-entry-seal system increases the protection from moisture entering the electrical junction area.

4 Convenient handling

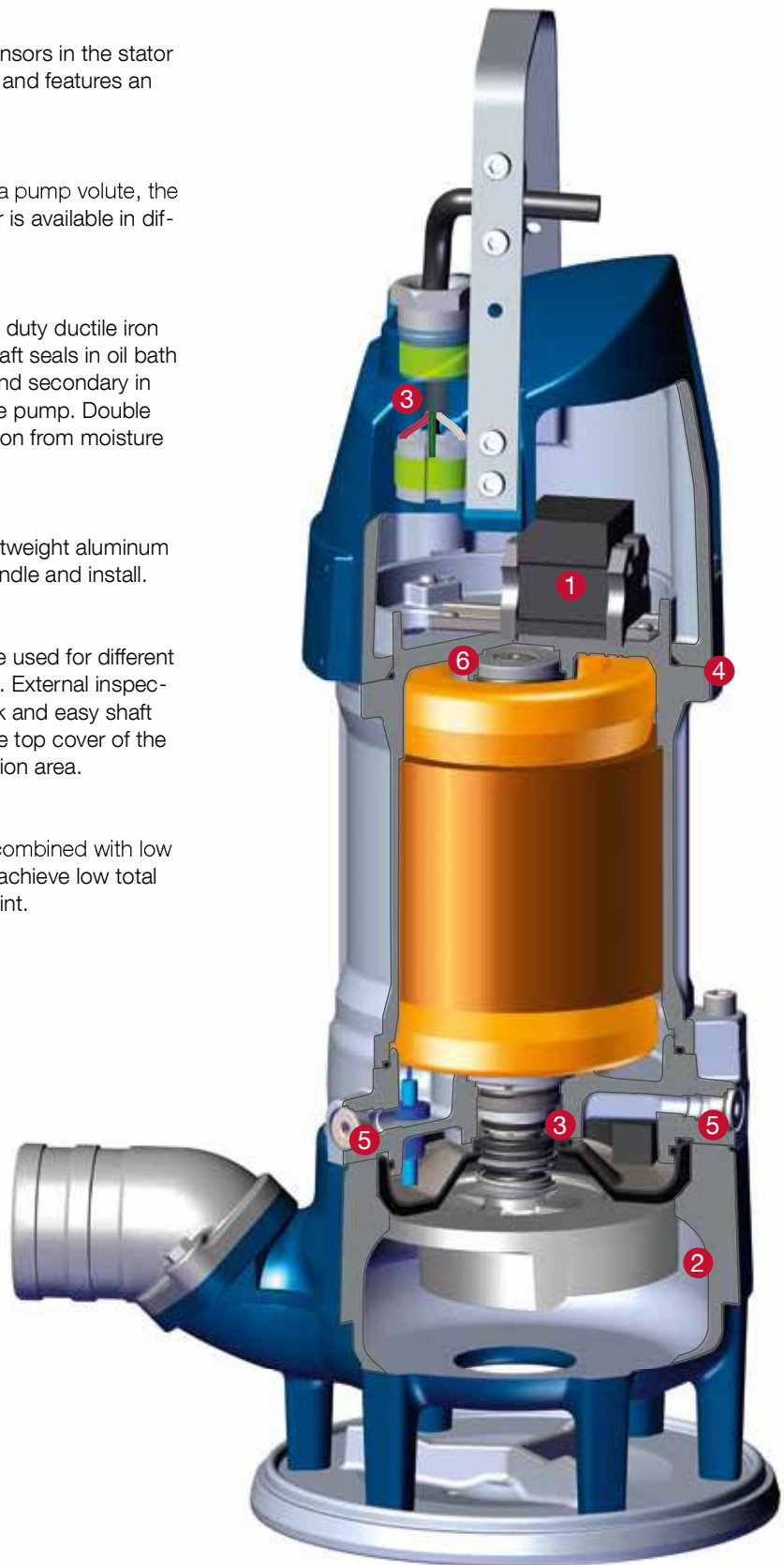
Top cover and motor housing are made in lightweight aluminum which provides a pump that is very easy to handle and install.

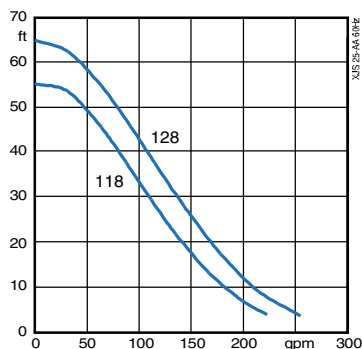
5 Serviceability

Due to modular design, the same parts can be used for different pumps, which lowers the overall service costs. External inspection ports for oil and motor chambers for quick and easy shaft seal evaluation during service. By removing the top cover of the pump you can easily check the electrical junction area.

6 Saves energy and the environment

The high-efficiency motor and hydraulics are combined with low friction bearings to reduce power losses. You achieve low total energy costs and minimize your carbon footprint.



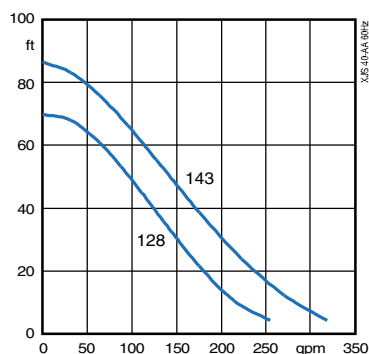
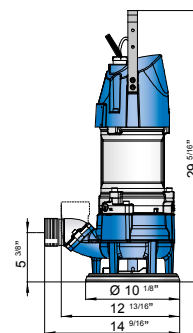


ABS XJS 25

XJS 25 D* -118

XJS 25 D* -128

Motor rating P2	4 Hp, 3 ~
Voltage (V)	230 / 460 / 575
Full load (A)	9.8 / 4.9 / 3.9
Speed	3500 rpm
Free passage	2 3/16" x 1 3/4"
Discharge connections	Thread NPT 3", 4"
Weight (excl. cable)	86 lbs
Motor protection	Built in
Electric cable	65 ft

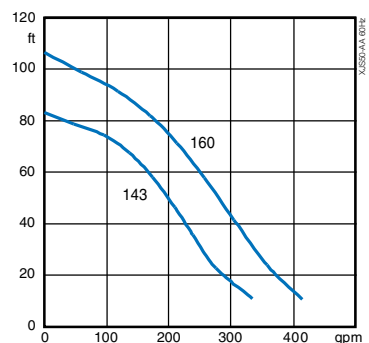
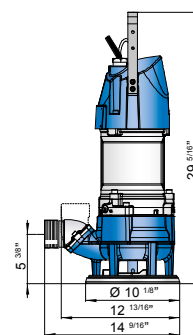


ABS XJS 40

XJS 40 D* -128

XJS 40 D* -143

Motor rating P2	6 Hp, 3 ~
Voltage (V)	230 / 460 / 575
Full load (A)	14.8 / 7.4 / 5.9
Speed	3470 rpm
Free passage	2 3/16" x 1 3/4"
Discharge connections	Thread NPT 3", 4"
Weight (excl. cable)	90 lbs
Motor protection	Built in
Electric cable	65 ft

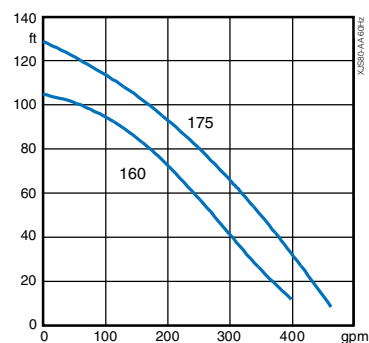
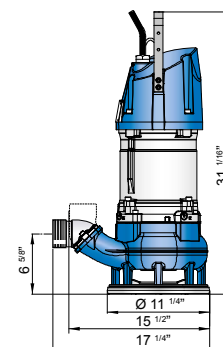


ABS XJS 50

XJS 50 D* -143

XJS 50 D* -160

Motor rating P2	9 Hp, 3 ~
Voltage (V)	230 / 460 / 575
Full load (A)	22.4 / 11.2 / 9.0
Speed	3520 rpm
Free passage	1 7/8" x 2 3/8"
Discharge connections	Thread NPT 3", 4"
Weight (excl. cable)	130 lbs
Motor protection	Built in
Electric cable	65 ft

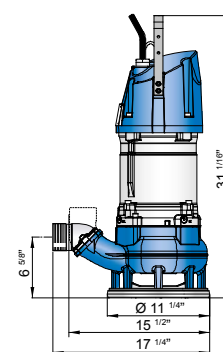


ABS XJS 80

XJS 80 D* -160

XJS 80 D* -175

Motor rating P2	13 Hp, 3 ~
Voltage (V)	230 / 460 / 575
Full load (A)	31.4 / 15.7 / 12.6
Speed	3520 rpm
Free passage	1 7/8" x 2 3/8"
Discharge connections	Thread NPT 3", 4"
Weight (excl. cable)	141 lbs
Motor protection	Built in
Electric cable	65 ft



* Option: AquaTronic, built-in electronic pump control.

ABS Submersible Drainage Pump J MEX (MSHA)

ABS submersible drainage pumps J 10 - 350 MEX are approved explosion proof mine pumps suitable for pumping water and dirty water mixed with light abrasive soil. Approved MSHA (Mine Safety and Health Administration) and D.O.E.R. (Pennsylvania Department of Environmental Resources). Applications include gassy coal mines, tunnels, strip mines, and quarries where MSHA permissibility is required.

1 Convenient handling – designed to make your life easier
Lightweight silumin parts makes transport, handling and installation easy.

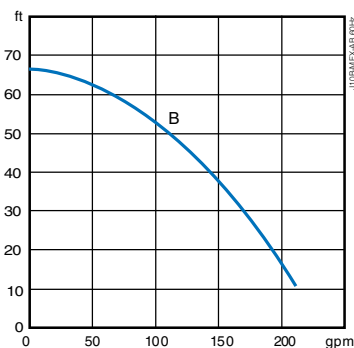
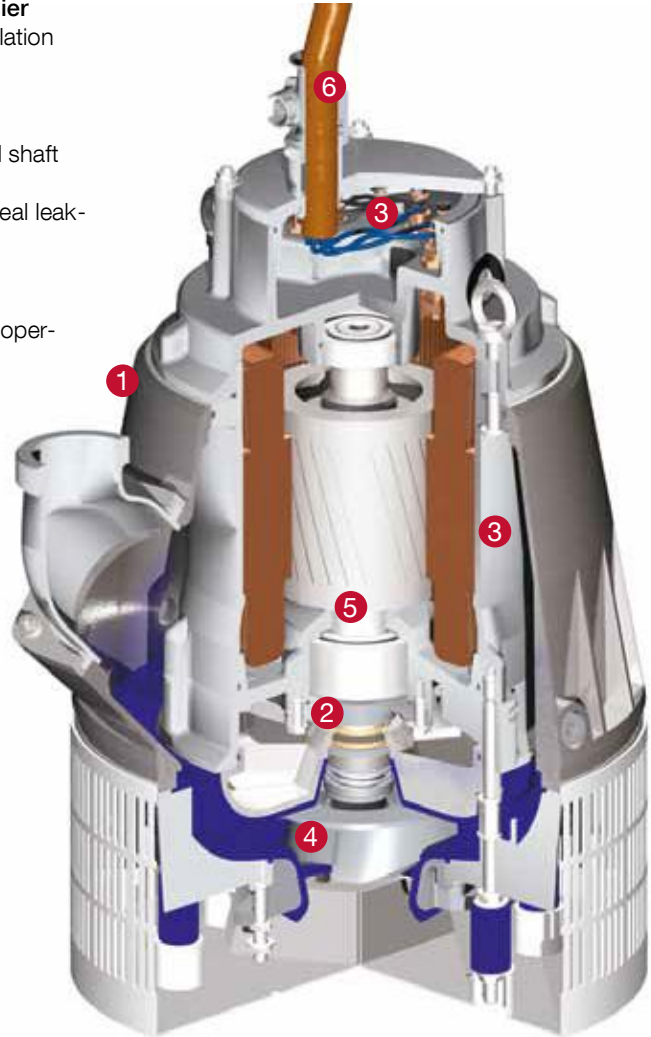
2 Reliability
Compact design with durable silumin housing and mechanical shaft seals in silicon carbide provide a pump that you can rely on.
ABS Seal minder moisture detector protects the pump if seal leakage occur.

3 Reliable operation – minimizes time for maintenance
Double outer casing and good heat transfer enables pump to operate continuously at low levels or even run dry without damaging the motor.
Thermal overload protection shuts off the pump upon an overtemp. condition.

4 Wear resistance – one investment, years of cost efficient pumping
Stainless steel impeller, shaft and hardware as well as adjustable wear parts in oil resistant nitrile rubber provide a long life and high efficiency.

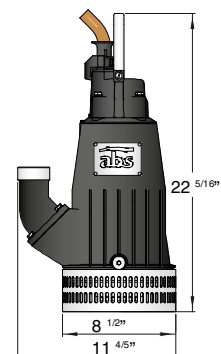
5 Robust design
Rigid stainless steel shaft with heavy duty bearings gives vibration free operation.

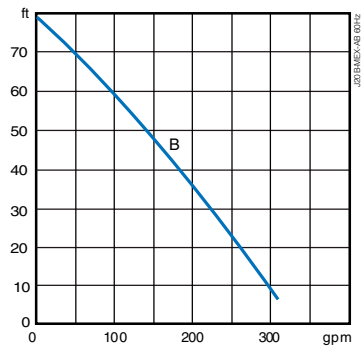
6 Complete supply - MSHA approved pump and panel
All J MEX series are equipped with MSHA approved power cable and are supplied with a manual or automatic control panel.



ABS J 10B MEX

J 10B MEX	3-phase
Motor rating P2	1.8 Hp
Voltage (V):	Dual 230/460 or 575
Full load amps (A):	Dual 7.0/3.5 or 2.8
Speed:	3450 rpm
Free passage	3/16" x 3/4"
Discharge connections	Thread NPT 3"
Weight	125 lb
Motor protection	thermal overload sensors
Electric cable	50 ft



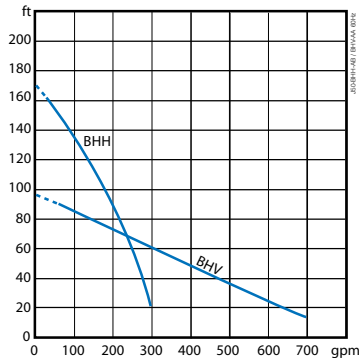
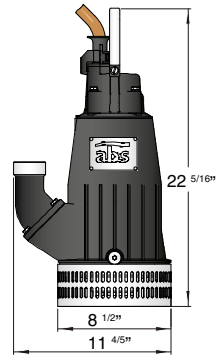


ABS J 20B MEX

J 20B MEX

Motor rating P2	3.6 Hp, 3 ~
Voltage (V):	460 or 575
Full load amps (A):	5.4 or 4.3
Speed:	3450 rpm
Free passage	3/16" x 3/4"
Discharge connections	Thread NPT 3"
Weight	135 lb
Motor protection	thermal overload sensors
Electric cable	50 ft

3-phase



ABS J 50B MEX

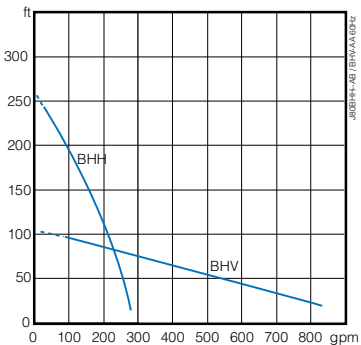
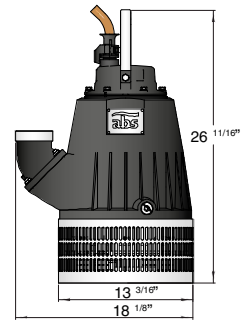
J 50BHH MEX

J 50BHV MEX

Motor rating P2	8.2 Hp, 3 ~
Voltage (V):	460 or 575
Full load amps (A):	10.3 or 8.2
Speed:	3450 rpm
Free passage	1/4" x 1 5/16"
Discharge connections	Thread NPT 4"
Weight (excl. cable)	120 lb
Motor protection	thermal overload sensors
Electric cable	50 ft

3-phase

3-phase



ABS J 80B MEX

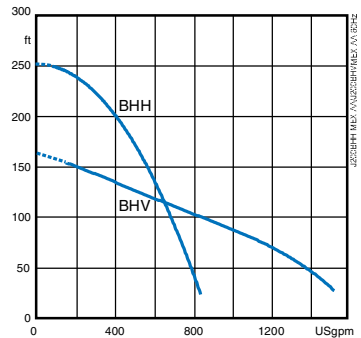
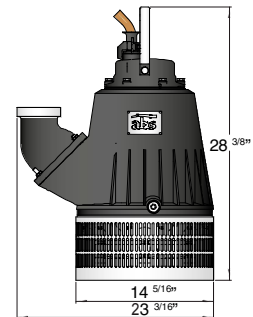
J 80BHH MEX

J 80BHV MEX

Motor rating P2	13.6 Hp, 3 ~
Voltage (V):	460 or 575
Full load amps (A):	16.2 or 13.0
Speed:	3450 rpm
Free passage	1/4" x 1 5/16"
Discharge connections	Thread NPT 3", 6"
Weight (excl. cable)	177 lb
Motor protection	thermal overload sensors
Electric cable	50 ft

3-phase

3-phase



ABS J 200B MEX

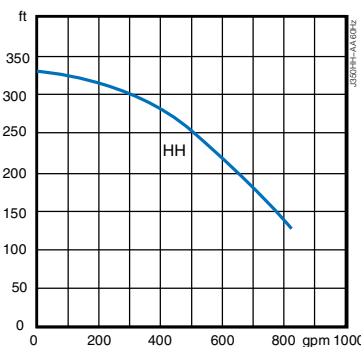
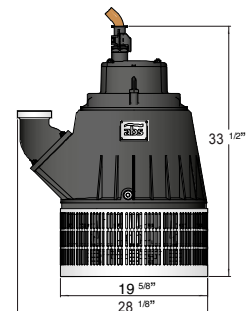
J 200BHV MEX

J 200BHH MEX

Motor rating P2	31.3 Hp, 3 ~
Voltage (V):	460 or 575
Full load amps (A):	38.2 or 30.6
Speed:	3450 rpm
Free passage	1/4" x 2"
Discharge connections	Thread NPT 4", 6"
Weight (excl. cable)	377 lb
Motor protection	thermal overload sensors
Electric cable	50 ft

3-phase

3-phase

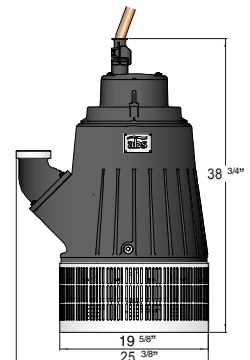


ABS J 350B MEX

J 350HH MEX

Motor rating P2	59.8 Hp, 3 ~
Voltage (V):	460 or 575
Full load amps (A):	69 or 55.2
Speed:	3550 rpm
Free passage	1/4" x 2"
Discharge connections	Thread NPT 4", 6"
Weight (excl. cable)	493 lb
Motor protection	thermal overload sensors
Electric cable	50 ft

3-phase



ABS Submersible Trash Pump XFPT – ABS EffeX Range

ABS submersible trash pumps XFPT 80C - 150E are suitable for pumping trash and water mixed with solids. The robust cast iron design provides a sturdy pump for rough conditions. The pump runs at any water level without overloading the motor.

1 Dry running capability

Silicon carbide mechanical seals and oil filled motor allows for continuous dry running.

2 Clog-free pumping

ABS ContraBlock Plus impellers provide state of the art wastewater solids handling for clog free operation.

3 Easy handling

Open stainless steel lifting hoop, and large, stable cast iron (optional stainless steel) pump support stand provide easy handling and stable operation.

4 Reliability

Heavy duty shaft and bearings, as well as dual silicon carbide mechanical seals provide long life and market leading reliability. Seal protection system prolongs the life of the primary mechanical seal.

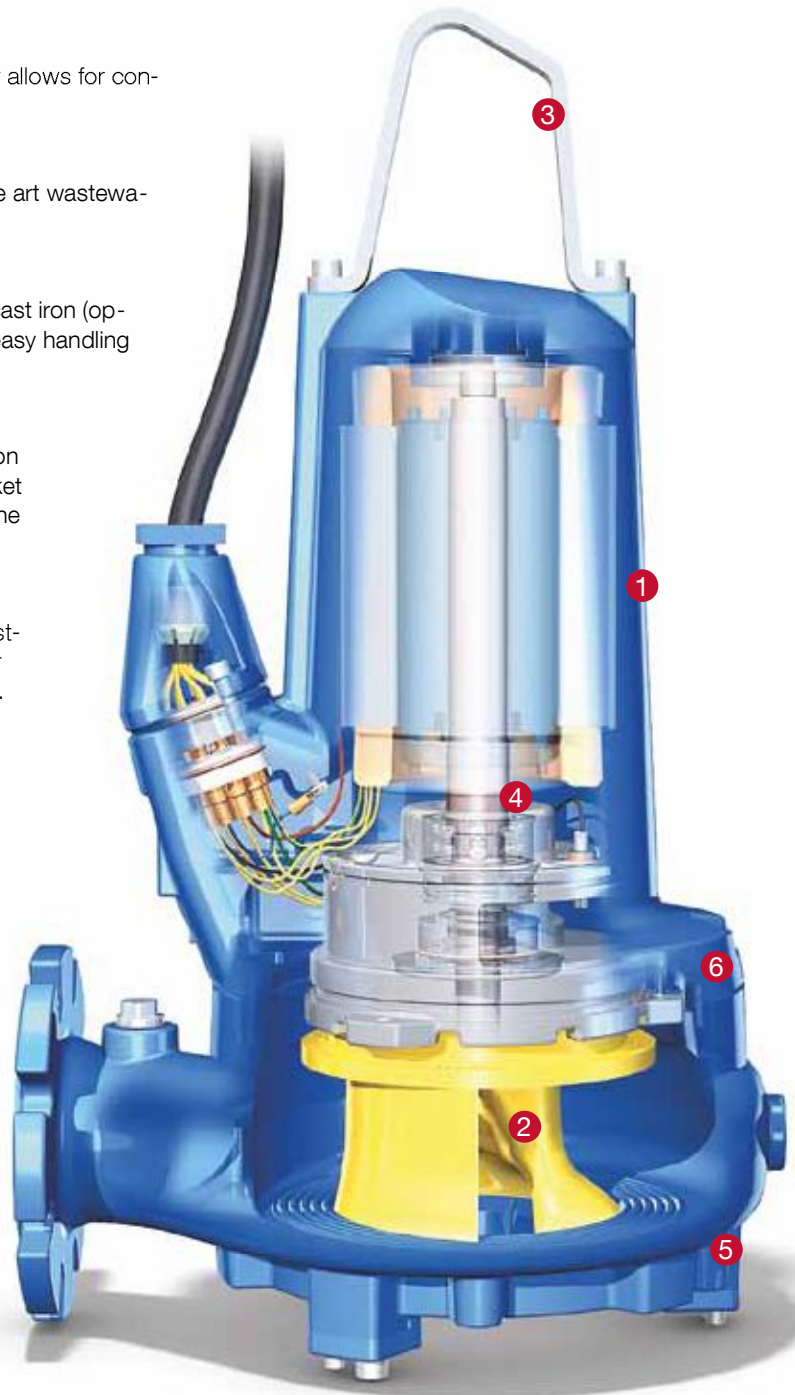
5 Serviceability

Cable plug system and ContraBlock Plus field adjustable wear plate allow for easy field service. Modular system reduces spare parts inventory requirements.

6 Safety and monitoring features

All XFPT trash pumps are available in Class I Div 1 Group C&D explosion proof versions as standard.

ABS EffeX range has built-in IE3 premium-efficiency motors. ABS is the first company in the world to offer submersible motors with such a high standard.



Pump Options and Accessories

AquaTronic unit for correct motor rotation

Our built-in AquaTronic unit integrates electronic intelligence into the pump ensuring correct motor rotation, by automatically adjusting for incorrect phase order. It also protects the motor by stopping the pump in the event of over-amperage, overheating, low or high voltage or missing phase. Another feature of the AquaTronic unit is the internal software that allows pump performance and service diagnostics data to be viewed on a PC via USB link, enabling accurate evaluation of service and maintenance needs. The workshop manual and spare parts list, readily available in the AquaTronic unit, can be viewed via the link as well.

Level Sensor for precise and cost effective water level control

Together with AquaTronic, the Level sensor provides precise and cost effective water level control, and helps lower power consumption.

SoftDrive for cost effective operation

Sulzer offers a built in SoftDrive concept on the J 205 pumps. It reduces starting current dramatically and provides a smooth operation for both the power net and pump equipment. The pump can be started with a smaller sized generator compared to a standard direct on line started pump.

ABS Control panels for J Pumps and XFPT Pumps

Sulzer offers control panels for all pump models. Manual, automatic with floats and float-less automatic panels are available for all drainage and trash pumps. Special QC3 control panels for the XFPT portable wastewater pumps are available for all models.

ABS Control panels for JMEX (MSHA)

MSHA certified explosion proof control panels for the JMEX dewatering pump line include manual, automatic with floats and float-less automatic panels.

Quick and easy installation with ABS floatation ring

ABS offers a solution for pumps up to 122 lb. The ring is easy to install and can be used with ABS dewatering pumps J/JS 12-15, XJ/XJS 25-40.

Let the pump float and avoid unnecessary wear with

ABS floatation system

ABS floatation system offers a modular system and cover pumps from 155 to 1327 lbs. The modular floatation system is easy to build and used with ABS dewatering pumps XJ 50-80, XJS 50-80, J 205-604.



Additional protection for more durable operation

ABS submersible dewatering pumps can easily be added with zinc anode belts providing protection against galvanic corrosion. The cast parts of the pump can also be protectively coated, ensuring trouble free operation when pumping salty or brackish water.



Polyurethane for prolonged life of drainage pumps

ABS offers wear-rings in polyurethane, which increases resistance when pumping fine sand and other abrasive mediums. Polyurethane coated wear rings are available as an option on J 205-604.



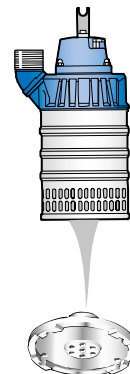
Series connections for pumping high heads

With minimal effort, the standard ABS drainage pumps can be rebuilt to function in series for high head applications.



Bottom suction adapter

On pumps types J 12-15 and J 24 the standard bottom plate may be replaced by a bottom suction adapter. A basement floor or a tank can be pumped practically dry with this adapter.



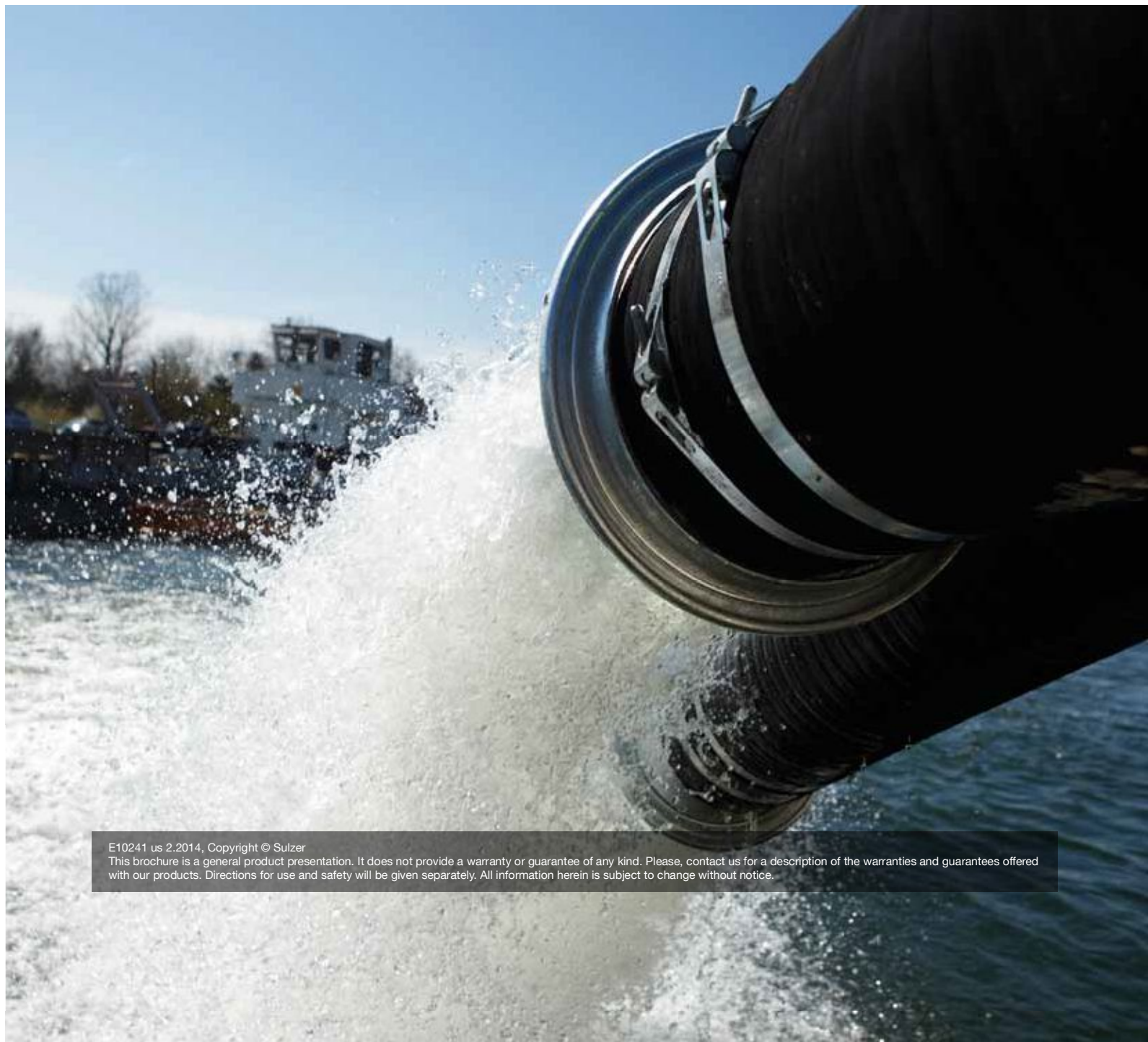
Save time and money on ABS repair kits

Sulzer offers repair kits for all submersible dewatering pumps. The repair kits includes common parts required for a typical repair. Our modular design makes it possible to repair all drainage and sludge pumps with just a few repair kits.





www.sulzer.com



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