

ABS SUBMERSIBLE SLUDGE PUMP JT

ABS submersible sludge pump JT 15 - 250 are suitable for pumping sludge 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 – no need for pump operation checks

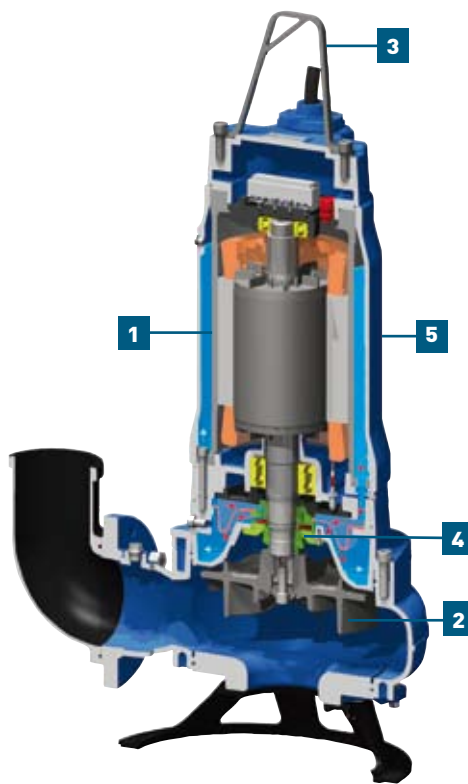
Closed cooling jacket systems and an automatic stop and restart function with starter box enables dry running without damaging the mechanical seals or motor.

2 Clog-free pumping – avoid downtime with solid proof hydraulics

Equipped with a free flow vortex impeller and a pump volute, the JT is excellent for effective pumping of solids.

3 Convenient handling – designed to make your life easier

The stand in nodular cast iron and the stainless steel handle makes the JT easy to move and install. A hose or quick coupling is easily connected to the discharge connection supplied with the pump.



4 Reliability – one investment, years of cost efficient pumping

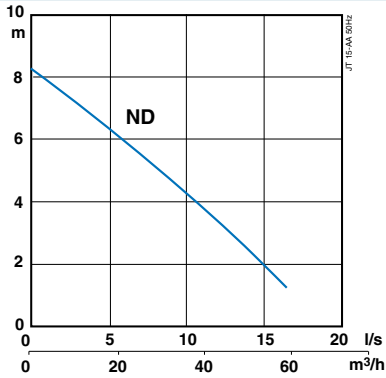
ABS vortex hydraulic requires no adjustment of impeller/wear plate. It minimizes load on shaft and bearings, which ensures reliable operation and maintained efficiency. All JT sludge pumps have mechanical seal in silicon carbide securing safe operation and long life.

5 Serviceability – save time and money with easy and on-site service

Modular design enables usage of the same parts for different pumps, which lowers overall service costs and increases flexibility. ABS JT40-250 pumps have mechanical seal cartridge, simplifying service on site

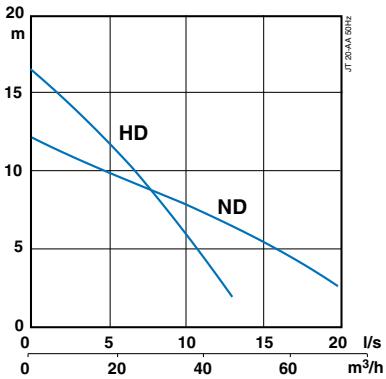
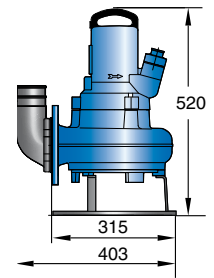
6 Safety features – minimizes unpleasant consequences

All JT sludge pumps are available in explosion proof EExd IIB T4 / ATEX versions. The oil housing on the JT15 - 30 is filled with safe white oil and on the JT 40 - 250 with environmentally safe glycol coolant.



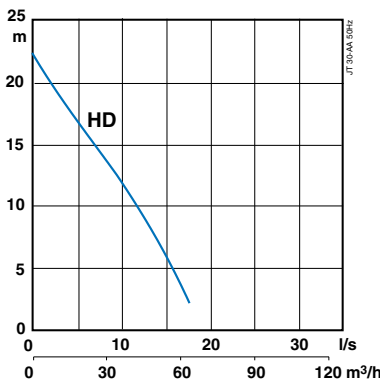
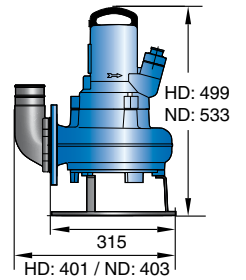
ABS JT 15

Type	JT 15 ND (AS 0830)
Motor rating P_2	1.3 kW
Power input P_1 max	1.93 kW
Free passage	60 mm
Discharge connections	Hose 3" Thread BSP 3"
Volute flange	DN 80
Weight (excl. cable)	47 kg
Motor protection	thermal overload sensors
Electric cable	20 m H07RN-F



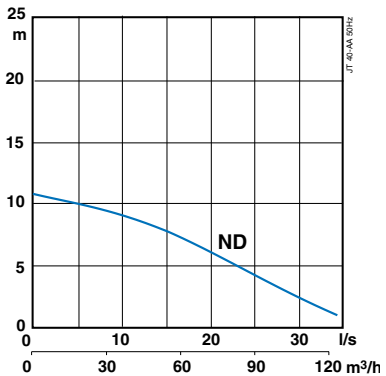
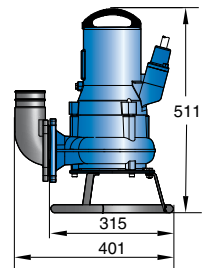
ABS JT 20

Type	JT 20 HD (AS 0631)	JT 20 ND (AS 0830)
Motor rating P_2	1.7 kW	2.2 kW
Power input P_1 max	2.31 kW	2.88 kW
Free passage	40 mm	60 mm
Discharge connections	Hose 3" Thread BSP 3"	Hose 3" Thread BSP 3"
Volute flange	DN 65	DN 80
Weight (excl. cable)	41 kg	47 kg
Motor protection	thermal overload sensors	thermal overload sensors
Electric cable	20 m H07RN-F	20 m H07RN-F



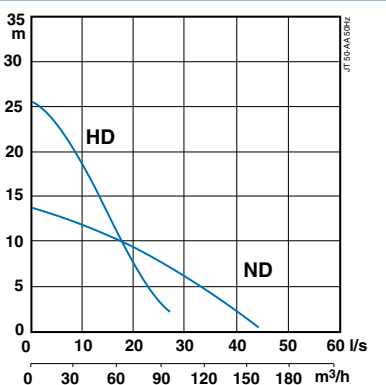
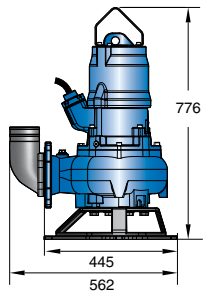
ABS JT 30

Type	JT 30 HD (AS 0631)
Motor rating P_2	3.0 kW
Power input P_1 max	3.74 kW
Free passage	40 mm
Discharge connections	Hose 3" Thread BSP 3"
Volute flange	DN 65
Weight (excl. cable)	48 kg
Motor protection	thermal overload sensors
Electric cable	20 m H07RN-F



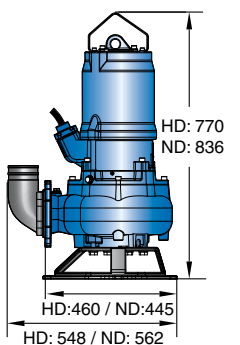
ABS JT 40

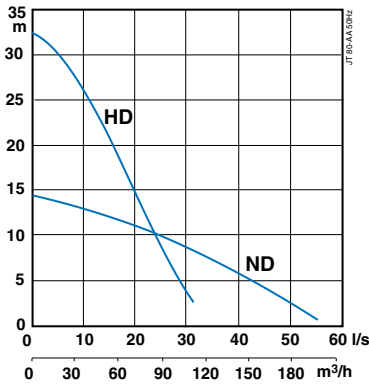
Type	JT 40 ND (AFPK 1031)
Motor rating P_2	3.0 kW
Power input P_1 max	3.95 kW
Free passage	100 mm
Discharge connections	Hose 4" Thread BSP 4"
Volute flange	DN 100
Weight (excl. cable)	111 kg
Motor protection	thermal overload sensors
Electric cable	20 m H07RN-F



ABS JT 50

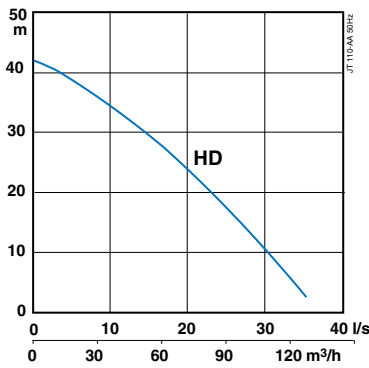
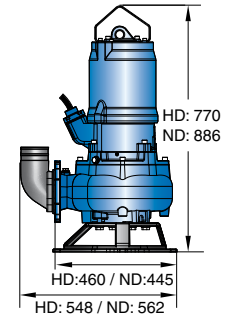
Type	JT 50 HD (AFPK 0835)	JT 50 ND (AFPK 1032)
Motor rating P_2	5.5 kW	6.0 kW
Power input P_1 max	6.49 kW	7.22 kW
Free passage	65 mm	100 mm
Discharge connections	Hose 3" Thread BSP 3"	Hose 4" Thread BSP 4"
Volute flange	DN 80	DN 100
Weight (excl. cable)	153 kg	147 kg
Motor protection	thermal overload sensors	thermal overload sensors
Electric cable	20 m H07RN-F	20 m H07RN-F





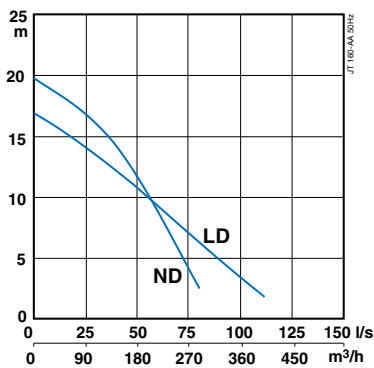
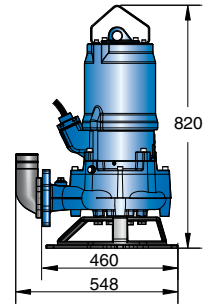
ABS JT 80

Type	JT 80 HD (AFPK 0835)	JT 80 ND (AFPK 1032)
Motor rating P_2	7.0 kW	9.0 kW
Power input P_1 max	8.37 kW	10.8 kW
Free passage	65 mm	100 mm
Discharge connections	Hose 4" Thread BSP 4"	Hose 4" Thread BSP 4"
Volute flange	DN 80	DN 100
Weight (excl. cable)	153 kg	157 kg
Motor protection	thermal overload sensors	
Electric cable	20 m H07RN-F	



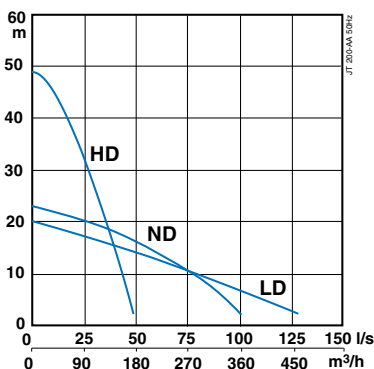
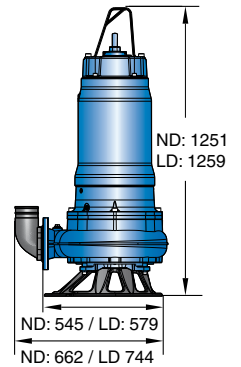
ABS JT 110

Type	JT 110 HD (AFPK 0835)
Motor rating P_2	11.0 kW
Power input P_1 max	13.3 kW
Free passage	65 mm
Discharge connections	Hose 4" Thread BSP 4"
Volute flange	DN 80
Weight (excl. cable)	165 kg
Motor protection	thermal overload sensors
Electric cable	20 m H07RN-F



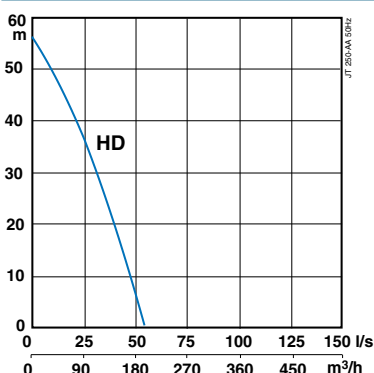
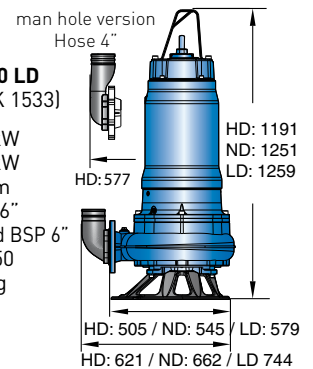
ABS JT 160

Type	JT 160 ND (AFPK 1033)	JT 160 LD (AFPK 1533)
Motor rating P_2	16.0 kW	16.0 kW
Power input P_1 max	17.8 kW	17.8 kW
Free passage	80 mm	80 mm
Discharge connections	Hose 4" Thread BSP 4"	Hose 6" Thread BSP 6"
Volute flange	DN 100	DN 150
Weight (excl. cable)	346 kg	358 kg
Motor protection	thermal overload sensors	
Electric cable	20 m H07RN-F	



ABS JT 200

Type	JT 200 HD (AFPK 1035)	JT 200 ND (AFPK 1033)	JT 200 LD (AFPK 1533)
Motor rating P_2	20.0 kW	22.0 kW	22.0 kW
Power input P_1 max	22.1 kW	24.3 kW	24.3 kW
Free passage	64 mm	80 mm	80 mm
Discharge connections	Hose 4" Thread BSP 4"	Hose 4" Thread BSP 4"	Hose 6" Thread BSP 6"
Volute flange	DN 100	DN 100	DN 150
Weight (excl. cable)	286 kg	351 kg	363 kg
Motor protection	thermal overload sensors		
Electric cable	20 m H07RN-F		



ABS JT 250

Type	JT 250 HD (AFPK 1035)
Motor rating P_2	25.0 kW
Power input P_1 max	27.5 kW
Free passage	64 mm
Discharge connections	Hose 4" Thread BSP 4"
Volute flange	DN 100
Weight (excl. cable)	291 kg
Motor protection	thermal overload sensors
Electric cable	20 m H07RN-F

