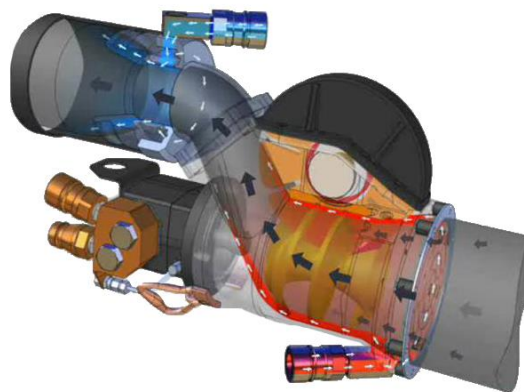


Oil Transfer Pump GTA 20 PDAS - 226135

The GTA 20 is a multi-purpose submersible Archimedes positive displacement high performance screw pump that has a capacity of 20 m³/h (88 gal/min). In addition to being a primary oil transfer pump, the GTA 20 can be utilized for numerous applications such as offloading emergency pumping of heavy crude, bitumen, tank cleaning, pipeline maintenance, sludge removal etc.

The GTA 20 pump design promotes a smooth pumping action and easy flow control that will not emulsify oily water and reduces cavitation ensuring a constant flow. The efficiency of the GTA 20 pump can be increased with a built-in annular water injection (AWI) flange at the pump inlet, and optionally at the pump outlet, which decreases the pressure in the oil transfer hoses thus making operations safer. The GTA 20 pump is capable of handling solids up to 25 mm (1 in) in diameter and the pump can be reversed to unblock.

The GTA 20 pump casing is compact and made of robust seawater resistant aluminum. Moreover, all internal components are made of acid proof steel with specialized seals. The GTA 20 pump has a debris grid and a cutting knife fitted on the inlet. The GTA 20 pump can be equipped with several different discharge port options, types and sizes. The pump can easily be serviced on site with replaceable parts. The recovery capacity of the GTA 20 is certified by Bureau Veritas in varying oil viscosities.



TECHNICAL SPECIFICATIONS

Length	300 mm	12 in
Width	195 mm	8 in
Height	435 mm	17 in
Weight	25 kg	55 lbs
Manhole diam. min.	300 mm	11.8 in
Capacity	20 m ³ /h	88 gpm
Hydraulic flow	80 l/min	21 gpm
Hydraulic pressure	210 bar	3045 psi
Power requirement	28 kW	38 hp
Discharge pressure	14 bar	203 psi
Solid handling	25 mm	1 in

BENEFITS

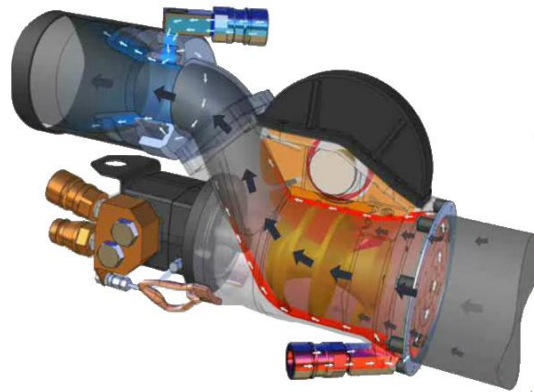
- Compact design, light-weight
- Robust and seawater resistant
- Pumps multiple oil viscosities
- Aluminum nickel plated casing
- Acid proof steel internal parts
- Annular water injection (AWI) on inlet
- Cutting knife on inlet
- Various discharge port options
- Small size for easy installation through manhole
- Capacity certified by Bureau Veritas

Oil Transfer Pump GTA 30 PDAS - 226138

The GTA 30 is a multi-purpose submersible Archimedes positive displacement high performance screw pump that has a capacity of 30 m³/h (132 gal/min). In addition to being a primary oil transfer pump, the GTA 30 can be utilized for numerous applications such as offloading emergency pumping of heavy crude, bitumen, tank cleaning, pipeline maintenance, sludge removal etc.

The GTA 30 pump design promotes a smooth pumping action and easy flow control that will not emulsify oily water and reduces cavitation ensuring a constant flow. The efficiency of the GTA 30 pump can be increased with a built-in annular water injection (AWI) flange at the pump inlet, and optionally at the pump outlet, which decreases the pressure in the oil transfer hoses thus making operations safer. The GTA 30 pump is capable of handling solids up to 25 mm (1 in) in diameter and the pump can be reversed to unblock.

The GTA 30 pump casing is compact and made of robust seawater resistant aluminum. Moreover, all internal components are made of acid proof steel with specialized seals. The GTA 30 pump has a debris grid and a cutting knife fitted on the inlet. The GTA 30 pump can be equipped with several different discharge port options, types and sizes. The pump can easily be serviced on site with replaceable parts. The recovery capacity of the GTA 30 is certified by Bureau Veritas in varying oil viscosities.



TECHNICAL SPECIFICATIONS

Length	300 mm	12 in
Width	195 mm	8 in
Height	435 mm	17 in
Weight	26 kg	57 lbs
Manhole diam.min.	300 mm	11.8 in
Capacity	30 m ³ /h	132 gal/min
Discharge pressure	14 bar	203 psi
Hydraulic flow	75 l/min	20 gpm
Hydraulic pressure	210 bar	3045 psi
Solid handling	25 mm	1 in

BENEFITS

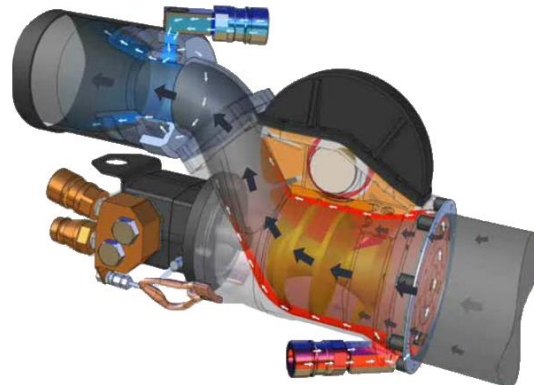
- Compact design, light weight
- Robust and seawater resistant
- Pumps multiple oil viscosities
- Aluminum nickel plated casing
- Acid proof steel internal parts
- Annular water injection (AWI) on inlet
- Cutting knife on inlet
- Various discharge port options
- Small size for easy installation through manhole
- Capacity certified by Bureau Veritas

Oil Transfer Pump GTA 50 PDAS - 226140

The GTA 50 is a multipurpose submersible Archimedes positive displacement high performance screw pump that has a capacity of 50 m³/h (220 gpm). In addition to being a primary oil transfer pump, the GTA 50 can be utilized for numerous applications such as offloading emergency pumping of heavy crude, bitumen, tank cleaning, pipeline maintenance, sludge removal etc.

The GTA 50 pump design promotes a smooth pumping action and easy flow control that will not emulsify oily water and reduces cavitation ensuring a constant flow. The efficiency of the GTA 50 pump can be increased with a built-in annular water injection (AWI) flange at the pump inlet, and optionally at the pump outlet, which decreases the pressure in the oil transfer hoses thus making operations safer. The GTA 50 pump is capable of handling solids up to 30 mm (1.18 in) in diameter and the pump can be reversed to unblock.

The GTA 50 pump casing is compact and made of robust seawater resistant aluminum. Moreover, all internal components are made of acid proof steel with specialized seals. The GTA 50 pump has a debris grid and a cutting knife fitted on the inlet. The GTA 50 pump can be equipped with several different discharge port options, types and sizes. The pump can easily be serviced on site with replaceable parts. The recovery capacity of the GTA 50 is certified by Bureau Veritas in varying oil viscosities.



TECHNICAL SPECIFICATIONS

Length	400 mm	16 in
Width	250 mm	10 in
Height	500 mm	20 in
Weight	49 kg	108 lbs
Manhole diam. min	400 mm	16 in
Certified capacity	50 m ³ /h	220 gpm
Discharge pressure	14 bar	203 psi
Hydraulic flow	160 l/min	42 gpm
Hydraulic pressure	210 bar	3045 psi
Solid handling	30 mm	1.18 in

BENEFITS

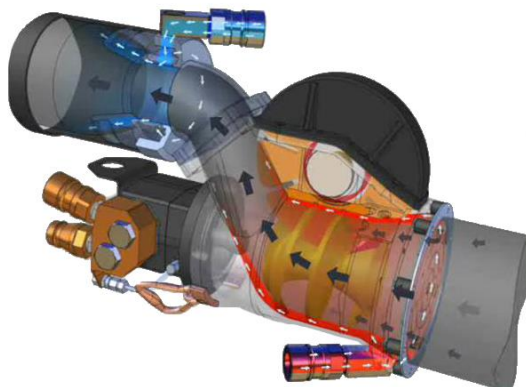
- Compact design, light-weight
- Robust and seawater resistant
- Pumps multiple oil viscosities
- Aluminum nickel plated casing
- Acid proof steel internal parts
- Annular water injection (AWI) on inlet
- Cutting knife on inlet
- Various discharge port options
- Capacity certified by Bureau Veritas

Oil Transfer Pump GTA 70 PDAS - 226143

The GTA 70 is a multipurpose submersible Archimedes positive displacement high performance screw pump that has a capacity of 70 m³/h (308 gpm). In addition to being a primary oil transfer pump, the GTA 70 can be utilized for numerous applications such as offloading emergency pumping of heavy crude, bitumen, tank cleaning, pipeline maintenance, sludge removal etc.

The GTA 70 pump design promotes a smooth pumping action and easy flow control that will not emulsify oily water and reduces cavitation ensuring a constant flow. The efficiency of the GTA 70 pump can be increased with a built-in annular water injection (AWI) flange at the pump inlet, and optionally at the pump outlet, which decreases the pressure in the oil transfer hoses thus making operations safer. The GTA 70 pump is capable of handling solids up to 30 mm (1.18 in) in diameter and the pump can be reversed to unblock.

The GTA 70 pump casing is compact and made of robust seawater resistant aluminum. Moreover, all internal components are made of acid proof steel with specialized seals. The GTA 70 pump has a debris grid and a cutting knife fitted on the inlet. The GTA 70 pump can be equipped with several different discharge port options, types and sizes. The pump can easily be serviced on site with replaceable parts. The recovery capacity of the GTA 70 is certified by Bureau Veritas in varying oil viscosities.



TECHNICAL SPECIFICATIONS

Length	400 mm	16 in
Width	250 mm	10 in
Height	500 mm	20 in
Weight	47 kg	104 lbs
Manhole diam.min.	400 mm	16 in
Certified capacity	70 m ³ /h	308 gpm
Hydraulic flow	92 l/min	24 gpm
Hydraulic pressure	210 bar	3045 psi
Solid handling	30 mm	1.18 in

BENEFITS

- Compact design, light-weight
- Robust and seawater resistant
- Pumps multiple oil viscosities
- Aluminum nickel plated casing
- Acid proof steel internal parts
- Annular water injection (AWI) on inlet
- Cutting knife on inlet
- Various discharge port options
- Capacity certified by Bureau Veritas

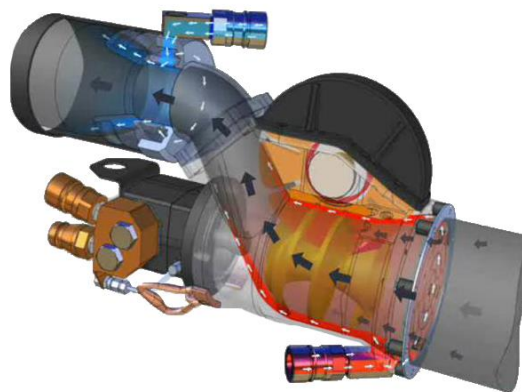
04A PDAS (Screw Pumps)

Oil Transfer Pump GTA 115 PDAS - 226144

The GTA 115 is a multipurpose submersible Archimedes positive displacement high performance screw pump that has a capacity of 115 m³/h (506 gal/min). In addition to being a primary oil transfer pump, the GTA 115 can be utilized for numerous applications such as offloading emergency pumping of heavy crude, bitumen, tank cleaning, pipeline maintenance, sludge removal etc.

The GTA 115 pump design promotes a smooth pumping action and easy flow control that will not emulsify oily water and reduces cavitation ensuring a constant flow. The efficiency of the GTA 115 pump can be increased with a built-in annular water injection (AWI) flange at the pump inlet, and optionally at the pump outlet, which decreases the pressure in the oil transfer hoses thus making operations safer. The GTA 115 pump is capable of handling solids up to 30 mm (1.18 in) in diameter and the pump can be reversed to unblock.

The GTA 115 pump casing is compact and made of robust seawater resistant aluminum. Moreover, all internal components are made of acid proof steel with specialized seals. The GTA 115 pump has a debris grid and a cutting knife fitted on the inlet. The GTA 115 pump can be equipped with several different discharge port options, types and sizes. The pump can easily be serviced on site with replaceable parts. The recovery capacity of the GTA 115 is certified by Bureau Veritas in varying oil viscosities.



TECHNICAL SPECIFICATIONS

Length	500 mm	20 in
Width	300 mm	11 in
Height	598 mm	24 in
Weight	71 kg	157 lbs
Manhole diam. min.	520 mm	21 in
Certified capacity	115 m ³ /h	506 gpm
Discharge pressure	14 bar	203 psi
Hydraulic flow	160 l/min	42 gpm
Hydraulic pressure	210 bar	3045 psi
Solid handling	30 mm	1.18 in

BENEFITS

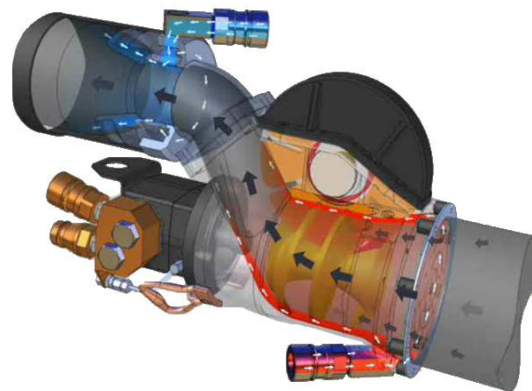
- Compact design, light-weight
- Robust and seawater resistant
- Pumps multiple oil viscosities
- Aluminum nickel plated casing
- Acid proof steel internal parts
- Annular water injection (AWI) on inlet
- Cutting knife on inlet
- Various discharge port options
- Capacity certified by Bureau Veritas

Screw Pump GTA140 - 226149

The GTA 140 is a multi-purpose submersible Archimedes positive displacement high performance screw pump that has a capacity of 140 m³/h (616 gpm). In addition to being a primary oil transfer pump, the GTA 140 can be utilized for numerous applications such as offloading emergency pumping of heavy crude, bitumen, tank cleaning, pipeline maintenance, sludge removal etc.

The GTA 140 pump design promotes a smooth pumping action and easy flow control that will not emulsify oily water and reduces cavitation ensuring a constant flow. The efficiency of the GTA 140 pump can be increased with a built-in annular water injection (AWI) flange at the pump inlet, and optionally at the pump outlet, which decreases the pressure in the oil transfer hoses thus making operations safer. The GTA 140 pump is capable of handling solids up to 30 mm (1.18 in) in diameter and the pump can be reversed to unblock.

The GTA 140 pump casing is compact and made of robust seawater resistant aluminum. Moreover, all internal components are made of acid proof steel with specialized seals. The GTA 140 pump has a debris grid and a cutting knife fitted on the inlet. The GTA 140 pump can be equipped with several different discharge port options, types and sizes. The pump can easily be serviced on site with replaceable parts. The recovery capacity of the GTA 140 is certified by Bureau Veritas in varying oil viscosities.



TECHNICAL SPECIFICATIONS

Length	500 mm	20 in
Width	300 mm	11 in
Height	598 mm	24 in
Weight	71 kg	157 lbs
Manhole diam. min.	520 mm	21 in
Capacity	140 m ³ /h	616 gpm
Hydraulic flow	160 l/min	42 gpm
Hydraulic pressure	210 bar	3045 psi
Discharge pressure	12 bar	174 psi
Solid handling	30 mm	1.18 in

BENEFITS

- Compact design, light-weight
- Robust and seawater resistant
- Pumps multiple oil viscosities
- Aluminum nickel plated casing
- Acid proof steel internal parts
- Annular water injection (AWI) on inlet
- Cutting knife on inlet
- Various discharge port options
- Capacity certified by Bureau Veritas