

# DEWATERING PUMPS

Our dewatering pumps are engineered for professional use in tough dewatering applications in construction, industrial sites, and mines. With a compact, slim design and our patented ACrS technology, these wear-resistant portable dewatering pumps provide economical solutions.



# TANK SERIES

## HIGH CHROME DEWATERING PUMP

Designed for continuous operations, excellent performance and easy maintenance, PRORIL Tank series pumps have proven their reliability and durability in demanding areas like construction, mining, tunneling, quarries, industries and rental applications.

### FEATURES

#### 1 Watertight Cable Entry

The cable entry employs an anti-wicking block where each conductor is stripped and encapsulated in epoxy. This feature effectively prevents water from penetrating the motor chamber when the cable end is submerged or the cable sheath is damaged.

#### 2 Multi-Direction BSP Discharge Coupling

Discharge can be converted between vertical and horizontal directions. In pumps 7,5 kW and larger, a vertical discharge connection is supplied as standard.

#### 3 Motor Protector

The motor incorporates a circle thermal protector which protects against overheating and dry-run.

#### 4 Top Discharge and Double Housing Design

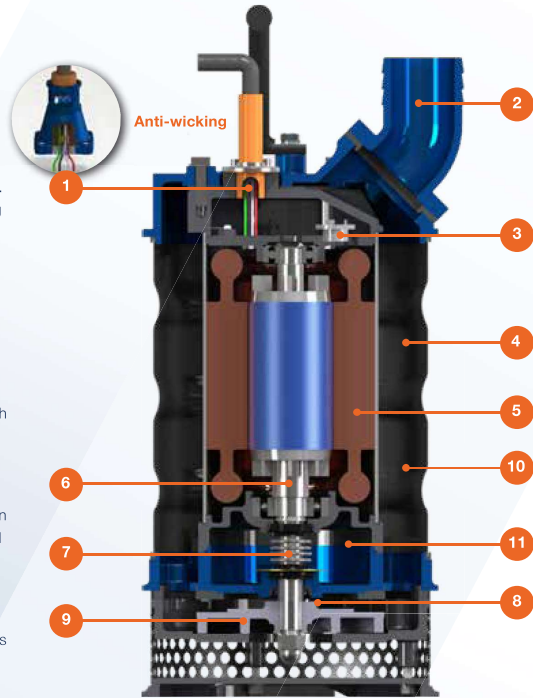
Designed to construct a water jacket that provides maximum motor cooling effect for continuous operation at low water level, this feature forms the cylindrical and slim shape of the pump and enables the pump to be installed in confined spaces.

#### 5 Submersible Motor

Air filled motor, housed in a watertight casing, conforms to Class F insulation.

#### 6 C3 Ball Bearings and Hardened SS Shaft

High quality of C3 ball bearings and the well-balanced, hardened stainless steel shaft enhance stability during continuous pumping operations.



#### 7 EagleBurgmann® Double Mechanical Seals

Located in the oil chamber, the device is made of quality materials with highly wear-resistant silicon carbide in lower side that provides extra protection against leakage and dry-run.

#### 8 Extra Protection for Mechanical Seals and Shaft

Lip seals and shaft sleeves are utilized for additional protection against wear.

#### 9 High Chrome Steel Impeller

PRORIL patent formula, ACrS Tech is applied to all high chrome steel impellers. This technology increases wear resistance to particle abrasion.

#### 10 Durable Outer Jacket and Strainer

Corrugated Outer Jacket and strainer made from 304 stainless steel provide impact resistance to harsh handling and conditions. In pumps 7,5 kW and larger, flat 304 stainless steel outer casing is provided as standard.

#### 11 Food Grade Lubricant

PRORIL adopts eco-friendly lubricant to minimize environmental impacts.



### Advanced Chromium Steel Tech Material

Designed for high wear resistance and superb corrosion resistance, ACrS Tech is applied to all our TANK series impellers to tackle tough challenging applications. The use of ACrS Tech chromium steel material significantly reduces operational costs.



### Heavy Duty PUR Cable

As rugged as our pumps. Provides an ultra-solid solution to the weak spot of every submersible pump. Increases safety on the construction site with maximum visibility.



### Adjustable BSP Discharge Coupling

The discharge coupling can be adjusted to vertical or horizontal directions. In 7,5 kW and larger pumps, a vertical discharge connection is standard.



### Watertight Cable Entry

The cable entry features an anti-wicking block where each conductor is stripped and encased in epoxy. In doing so, water is effectively prevented from entering the motor chamber when the cable end is submerged or should the cable sheath become damaged.

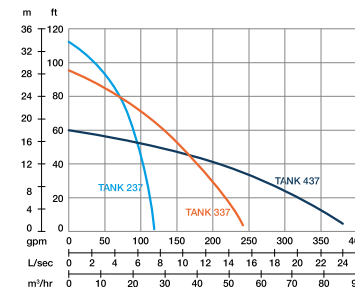




**TANK 237 337 437**



TANK	237	337	437
Outlet	2" (BSP)	3" (BSP)	4" (BSP)
Rated Output	3.7 kW	3.7 kW	3.7 kW
Shaft Speed	2850 rpm	2850 rpm	2850 rpm
Solid Passage	10 mm	10 mm	10 mm
Height	625 mm	630 mm	630 mm
Diameter	Ø 291 mm	Ø 269 mm	Ø 284 mm
Weight	61 kg	42 kg	42 kg

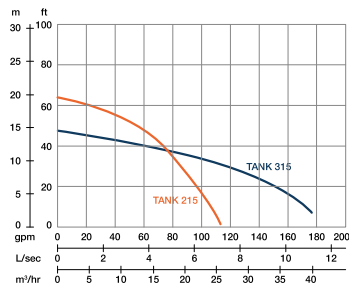


**TANK 215 315**



TANK	215	315
Outlet	2" (BSP)	3" (BSP)
Rated Output	1.5 kW	1.5 kW
Shaft Speed	2850 rpm	2850 rpm
Solid Passage	9 mm	9 mm
Height	568 mm	568 mm
Diameter	Ø 253 mm	Ø 267 mm
Weight	33 kg	33 kg

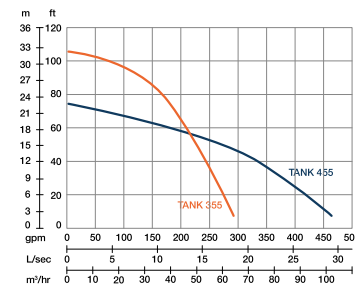
Also available in 230 Volt (S)



**TANK 355 455**



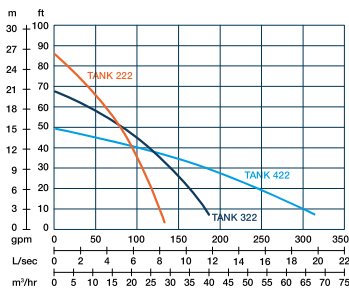
TANK	355	455
Outlet	3" (BSP)	4" (BSP)
Rated Output	5.5 kW	5.5 kW
Shaft Speed	2850 rpm	2850 rpm
Solid Passage	10 mm	10 mm
Height	656 mm	656 mm
Diameter	Ø 306 mm	Ø 320 mm
Weight	60 kg	60 kg



**TANK 222 322 422**



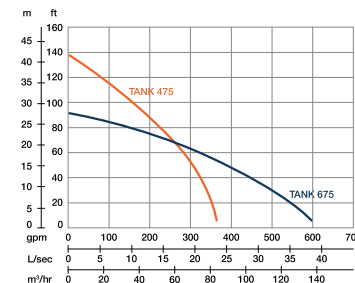
TANK	222	322	422
Outlet	2" (BSP)	3" (BSP)	4" (BSP)
Rated Output	2.2 kW	2.2 kW	2.2 kW
Shaft Speed	2850 rpm	2850 rpm	2850 rpm
Solid Passage	9 mm	9 mm	9 mm
Height	598 mm	598 mm	630 mm
Diameter	Ø 253 mm	Ø 267 mm	Ø 284 mm
Weight	35 kg	35 kg	43 kg



**TANK 475 675**



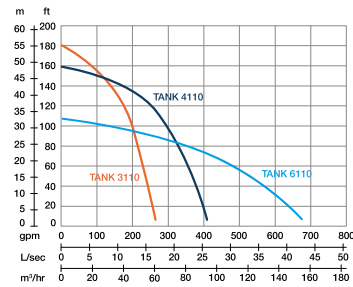
TANK	475	675
Outlet	4" (BSP)	6" (BSP)
Rated Output	7.5 kW	7.5 kW
Shaft Speed	2850 rpm	2850 rpm
Solid Passage	15 mm	15 mm
Height	801 mm	826 mm
Diameter	Ø 317 mm	Ø 317 mm
Weight	93 kg	97 kg



**TANK 3110 4110 6110**



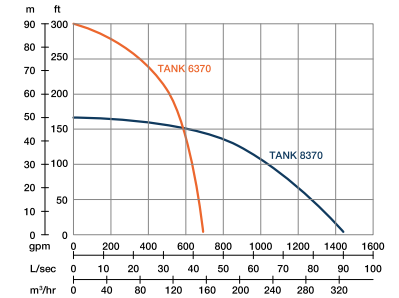
TANK	3110	4110	6110
Outlet	3" (BSP)	4" (BSP)	6" (BSP)
Rated Output	11 kW	11 kW	11 kW
Shaft Speed	2850 rpm	2850 rpm	2850 rpm
Solid Passage	12 mm	15 mm	15 mm
Height	863 mm	858 mm	870 mm
Diameter	Ø 354 mm	Ø 354 mm	Ø 354 mm
Weight	135 kg	135 kg	137 kg



**TANK 6370 8370**



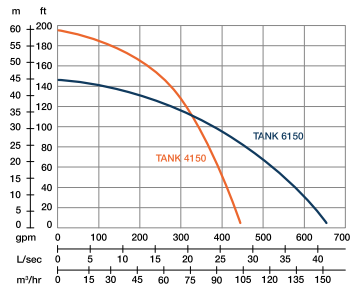
TANK	6370	8370
Outlet	6" (BSP)	8" (BSP)
Rated Output	37 kW	37 kW
Starting method	Star Delta	Star Delta
Shaft Speed	2850 rpm	2850 rpm
Solid Passage	10 mm	20 mm
Height	1294 mm	1256 mm
Diameter	Ø 532 mm	Ø 532 mm
Weight	510 kg	510 kg



**TANK 4150 6150**



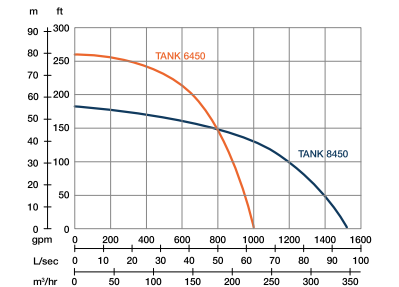
TANK	4150	6150
Outlet	4" (BSP)	6" (BSP)
Rated Output	15 kW	15 kW
Shaft Speed	2850 rpm	2850 rpm
Solid Passage	15 mm	15 mm
Height	887 mm	899 mm
Diameter	Ø 354 mm	Ø 354 mm
Weight	141 kg	142 kg



**TANK 6450 8450**



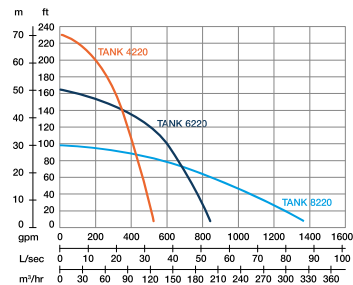
TANK	6450	8450
Outlet	6" (BSP)	8" (BSP)
Rated Output	45 kW	45 kW
Starting method	Star Delta	Star Delta
Shaft Speed	2850 rpm	2850 rpm
Solid Passage	10 mm	20 mm
Height	1294 mm	1256 mm
Diameter	Ø 532 mm	Ø 532 mm
Weight	530 kg	530 kg



**TANK 4220 6220 8220**



TANK	4220	6220	8220
Outlet	4" (BSP)	6" (BSP)	8" (BSP)
Rated Output	22 kW	22 kW	22 kW
Shaft Speed	2850 rpm	2850 rpm	2850 rpm
Solid Passage	15 mm	20 mm	20 mm
Height	1085 mm	1099 mm	1154 mm
Diameter	Ø 424 mm	Ø 424 mm	Ø 424 mm
Weight	256 kg	259 kg	264 kg

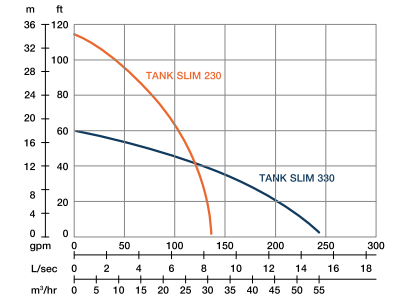




## TANK SLIM | 230 330



TANK SLIM	230	330
Outlet	2" (BSP)	3" (BSP)
Rated Output	3 kW	3 kW
Shaft Speed	2850 rpm	2850 rpm
Solid Passage	7 mm	7 mm
Height	659 mm	629 mm
Diameter	Ø 188 mm	Ø 188 mm
Weight	45 kg	38 kg



## TANK SLIM | 380



TANK SLIM	380
Outlet	3" (BSP)
Rated Output	8 kW
Shaft Speed	2850 rpm
Solid Passage	8 mm
Height	798 mm
Diameter	Ø 283 mm
Weight	92 kg

