



### Vortex stainless steel pump

### RW2110BE

### 60 c/s

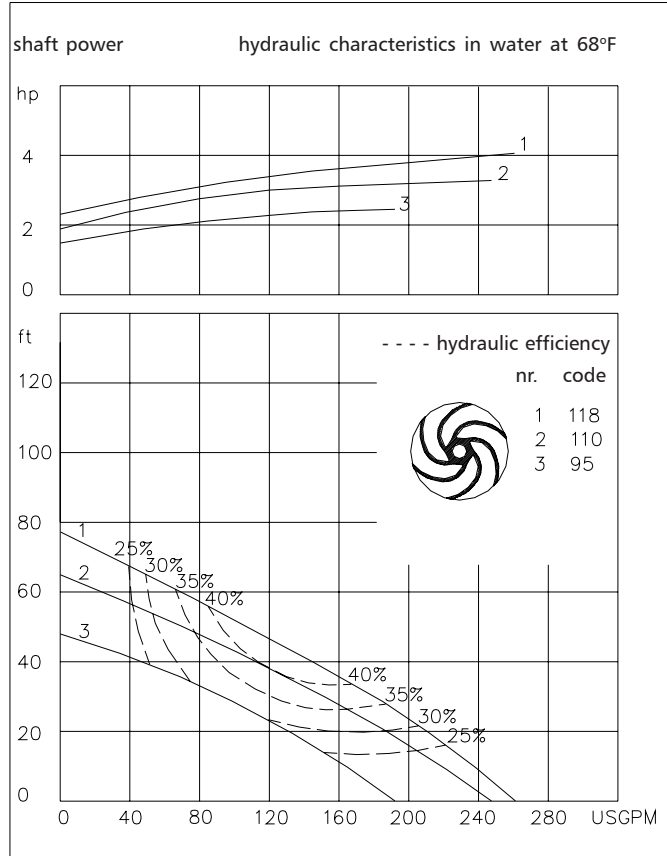
The vortex stainless steel pumps are designed to pump a wide variety of solids contaminated liquids in many applications. Vortex pumps are used for sewage and other waste water applications. The pump can be used in aggressive applications pH = 1-13. Standard elastomers are in FPM (Viton).

#### Pump

solids passage : 2"  
 suction diameter : 2"  
 discharge diameter : 2"  
 impeller code : 118-95  
 recommended minimum flow : 24 USGPM

#### Motor

rated horse power : 4.0 hp  
 rated electrical power : 4.0 kW  
 rated kVA : 4.4 kVA  
 mains : 60 c/s  
 speed : 3500 rpm  
 rated efficiency : 75 %  
 rated power factor (cos phi) : 0.90  
 degree of protection : IP 68  
 isolation class : F (311 °F)  
 max. water temperature : 104 °F  
 (higher temperatures on request)  
 standard cable length : 33 ft  
 max. submersion depth : 66 ft



15.9 USGPM = 1 l/s    1 hp = 0.746 kW    1 ft = 0.3 m    1 lb = 0.45 kg

#### Materials

motor housing : 5 6  
 seal housing : 5 6  
 volute : 5 6  
 impeller : 5 6  
 shaft : 5  
 bolts : 5  
  
 elastomers : 10  
 electrical cable : 9  
 seal lubrication : oil  
 pump seal : silicon carbide-silicon carbide  
 motor seal : carbon-ceramic

1	cast iron	ASTM A-48 Cl.35
2	sg cast iron	ASTM A445 Gr.60-46-18
3	stainless steel	AISI 431
4	stainless steel	AISI 304
5	stainless steel	AISI 316
6	stainless steel	AISI 329
7	wear resistant sg iron	HB500
8	nitrile	(NBR)
9	neoprene	(CR)
10	viton	(FPM)

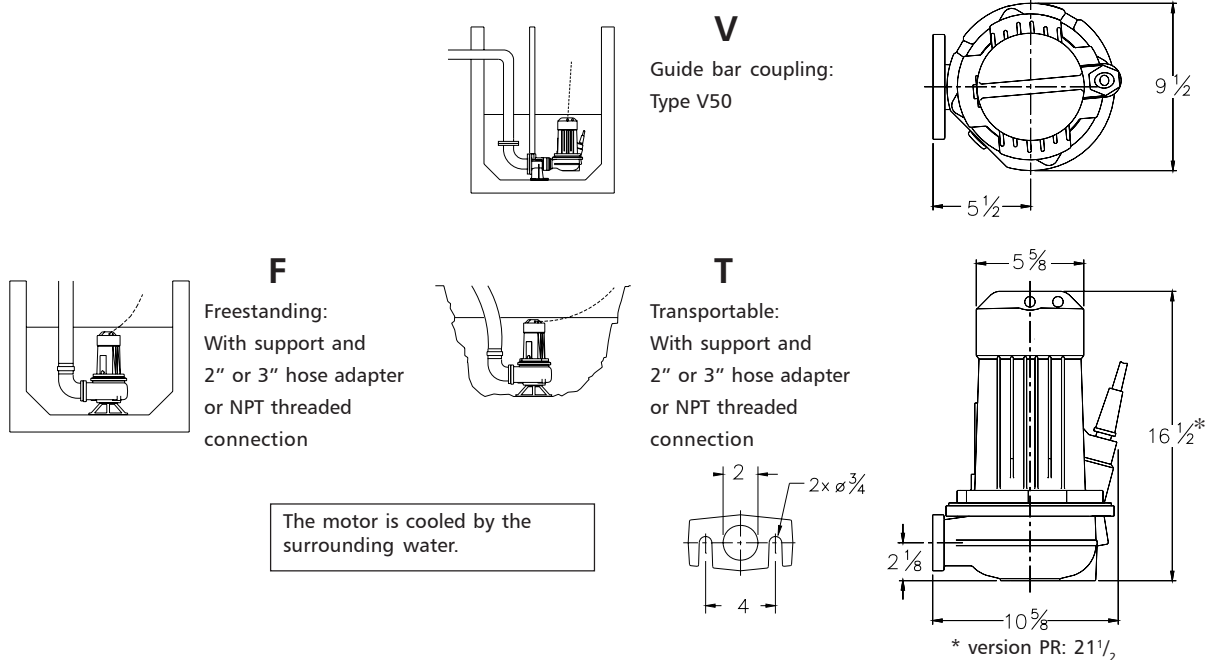


# ITT

## ROBOT PUMPS

### Installation options

### RW2110BE



### Versions

### Weight

#### BR Basic Stainless Steel

Standard with thermostiches  
All parts in stainless steel 316

95 lbs

#### BD Basic Duplex Steel

Standard with thermostiches  
All casted parts in stainless steel 329

95 lbs

#### PR FM approved version

Certified according to:  
Class I, Division I, Groups C&D T4  
Standard with thermostiches  
waterdetector in motorhousing.

121 lbs

### Optional:

**Flexible protective sheathing for cable**  
(AISI 316)

**Water detector** in motor and oil housing  
(for flame proof version only in oil housing with external cable)

### Motor connection details

		electrical cable size					
voltage [V]*	rated current[A]					FM approved version	
		with waterdetector and/or thermostiches				DOL-start	
		DOL-start	YD-start	DOL-start			
220	11.7	1xAWG14/7	1xAWG16/10	1xAWG14/7			
380	6.8	1xAWG14/7	1xAWG16/10	1xAWG14/7			
440	5.9	1xAWG14/7	1xAWG16/10	1xAWG14/7			
460	5.6	1xAWG14/7	1xAWG16/10	1xAWG14/7			
575	4.5	1xAWG14/7	1xAWG16/10	1xAWG14/7			

starting current DOL-start : 4.6 x rated current

starting current YD-start : 1.5 x rated current

\* other voltages on request

We reserve the right to alter specifications without prior notice.