# TR 20 - TR Drill Pumps





Self-priming pump designed for coupling to electric drills. The TR series is made of brass CB754S with stainless steel shaft.

Very useful for small transfer, extremely easy to install and use, it is a pump able to solve many pumping problems.

For each application it is necessary to verify the suitability and choose the appropriate gaskets.

#### The product are particularly suitable for use:

domestic environment (water, diesel, water systems, irrigation)

## Hydraulic specifications

- Maximum capacity: 28 lt/min
- Maximum head: 21 m
- Gasket on the shaft: Seal
- Maximum priming height : 6 m
- Threaded ports: 3/4"
- Maximum liquid density 1.1g/cm<sup>3</sup> free of hard particles in suspension
- Maximum temperature 90°C
- Not suitable for aggressive liquids towards pump construction materials and gaskets (see technical specifications)
- Not appropriate for the transfer of petrol, solvents and, in general, in environments with risk of explosion and fire
- · Possibility of reversing the pumping flow
- Complete with a pair of brass hose fittings for pipes 20 (one straight and one curved)
- Possibility of working for short periods with closed pipes
- During installation, the pump must be filled with liquid, subsequently this operation is no longer necessary

### Technical specifications

#### Material

Pump features

87 mm

• Pump Parts: Brass

• Counterflange: AISI 304

Shaft: AISI 304

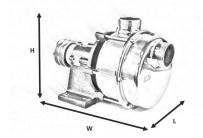
• Impeller: Brass

• Gaskets: NBR

Ports	<b>φ</b> Hose fitting		Prim	ing ability	Q	max	Hmax
3/4"	3/4" 20 mm			6 m 28		lt/min	21 m
Overall dimensions							
W		L		Н		Weight	

105 mm

1.1 kg



125 mm

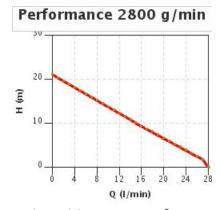
1400 g/min					
H (m)	1m	5m	10 m		
Q	12 lt/min	3 lt/min	0 lt/min		
HP	0.0 HP	0.0 HP	0.0 HP		

	Performance 1400 (I/min)
H (m)	6 - 5 - 4 - 3 - 2 - 1 - 0 - 0 1 2 3 4 5 6 7 8 9 10 12 Q (I/min)

1900 g/min					
H (m)	1m	5m	10 m		
Q	17 lt/min	11 lt/min	4 lt/min		
HP	0.0 HP	0.0 HP	0.0 HP		

	Performance 1900 (I/min)
H (m)	10

2800 g/min					
H (m)	1m	10 m	20 m	30 m	
Q	28 lt/min	15 lt/min	0 lt/min	0 lt/min	
HP	0.0 HP	0.0 HP	0.0 HP	0.0 HP	



Characteristics referring to operation with water at 20  $^{\circ}$ 

We reserve the right to make changes without prior notice.