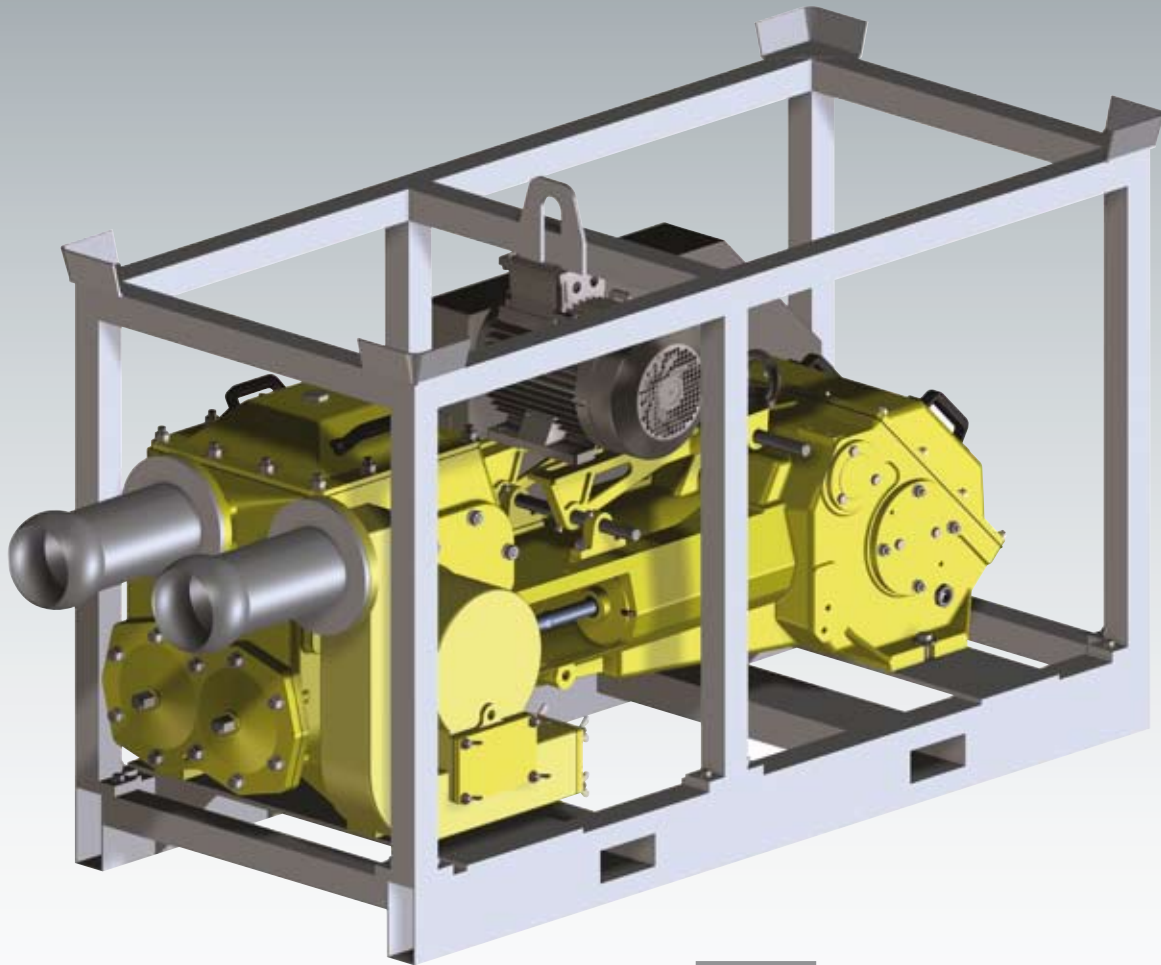


# THOR E



**varisco**<sup>®</sup>  
solid pumping solutions

## Piston pumps

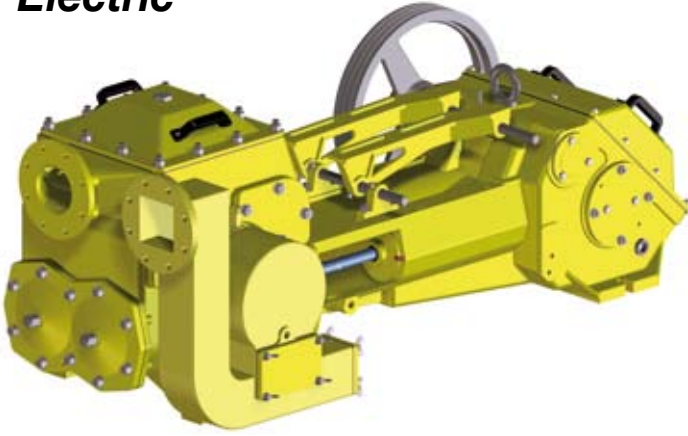
### Features and benefits

The system is composed of a “THOR” double acting piston pump placed into a protection frame and is suitable for wellpoint dewatering systems, horizontal drainage with hoses and pumping of remediation filtered water.

The THOR pumps have innovative features and many benefits, that not only meet the needs of the market, but make it a product with higher standards.

- **Automatic dry priming**
- Can **run dry** indefinitely without risk of damage or excessive wear of parts
- Positive displacement pump capable of simultaneously drawing air and water without the need for air/water separator and vacuum pump
- Reduced and easy maintenance
- **High efficiency** (i.e. low power consumption)
- Hot dip galvanised steel base and frame
- Stackable frame

# Electric



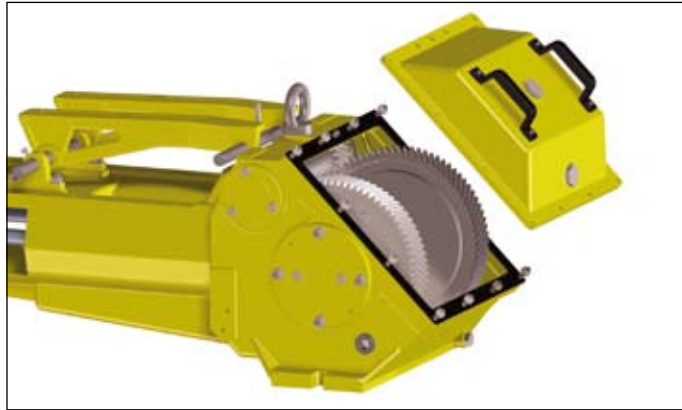
## High efficiency pump: 93%

- casing in GJL 200 cast iron
- NBR rubber valves
- leather piston cups

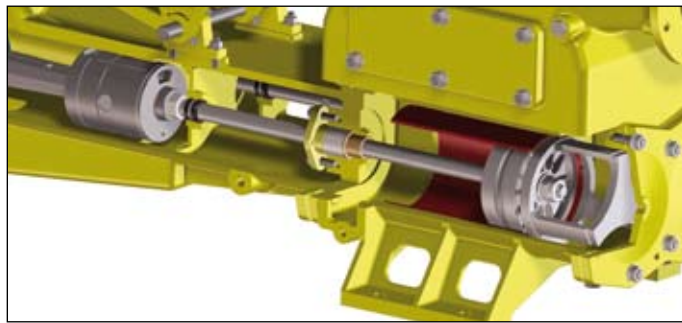
Capacity (max): **60 m³/h** DN 100 / 4" ports THOR 60  
**90 m³/h** DN 150 / 6" ports THOR 90

Head (max): **20 m w.c.**

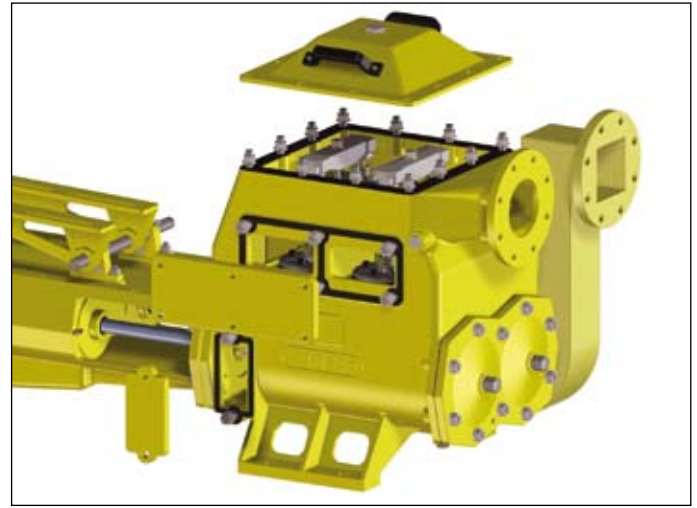
Suction lift: **9,6 m w.c. (max)**



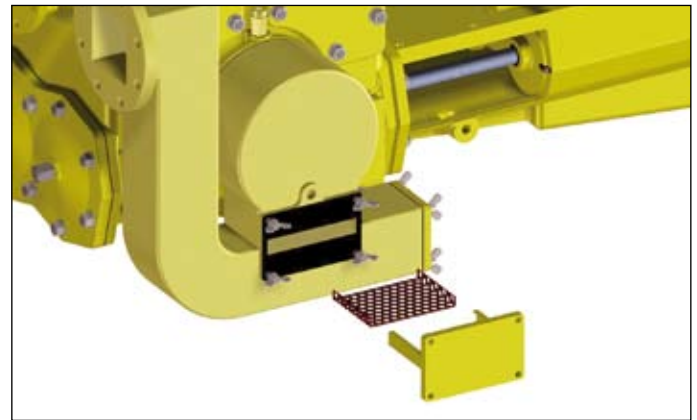
- gear and pump casing **top inspection cover** with double handgrip
- self-aligning spherical roller pinion bearings for a better functioning
- helical gear wheels in GJS-400 ductile iron: we choose this particular technical solution (compared to the gray cast iron used by other competitors) to ensure high strength, precise functioning and maximum mechanical efficiency.



- **steel cylinder with nickel coating for highest wear resistance (900 HV)**
- piston rod in **AISI 316 stainless steel** (instead of AISI 304 of competitors)



- easy maintenance: inspection cover for valves, side and bottom of the pump casing
- DN 125 - PN16 in-line flanges



- removable suction filter and inspection side cover

## Motor

Three-phase 4-pole, 50 Hz

Efficiency: IE2

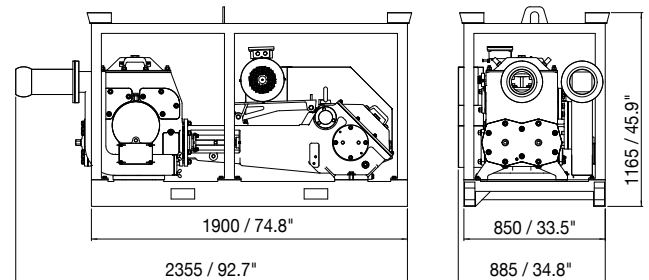
Voltage: 400-690 V

Nominal speed: 1.450 rpm

Nominal power: 5,5 kW - 7,5 HP THOR 60  
 7,5 kW - 10 HP THOR 90

Protection: IP 55

Insulation class: F



[mm / in]

Weight: 1.250 kg / 2,760 lb