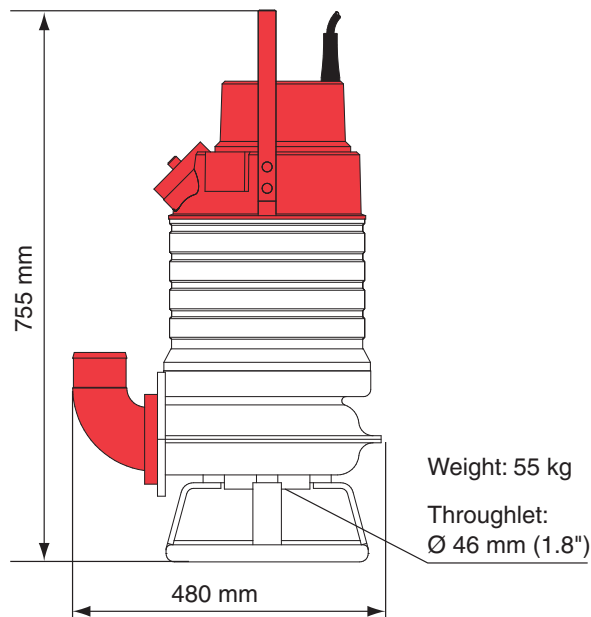
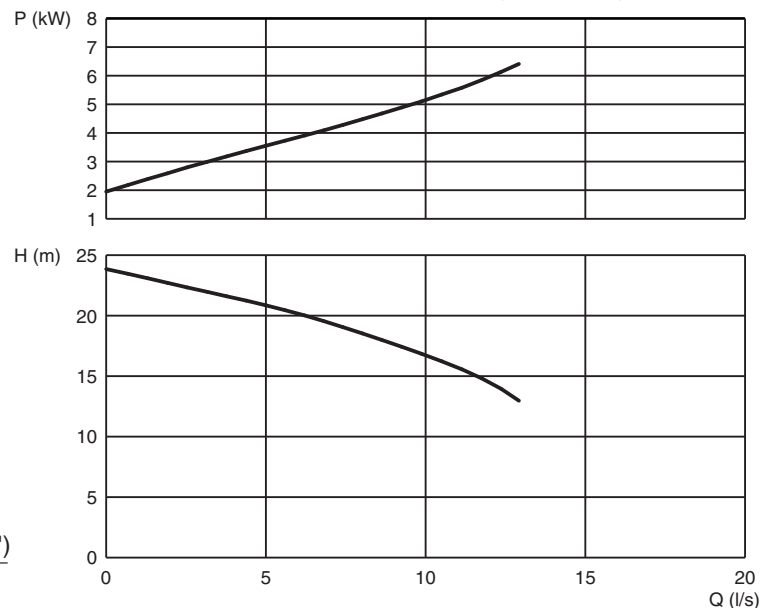


**SANDY***Electrical submersible sludge pump**60 Hz*[www.grindex.com](http://www.grindex.com)**PROLINE***The curves have been designed according to ISO 2548C***Classification**

Electrical submersible pump  
Protection class: IP68  
Max. submersion depth: 20 m

**Electrical motor**

Squirrel cage induction motor  
Insulation class: F (IEC 85)

**Technical data**

Shaft speed	r.p.m.	3400
Rated output	kW	5.7
Max. power cons.	kW	7.5
Rated current A at	230 V	21
	460 V	10
	575 V	8.3

*Other voltages on request***Motor protector**

Phase sequence control, phase failure guard, temperature guard with thermal contacts in the stator, airvalve (= SMART-system)

**Power cable**

H07RN-F, length 20 m  
4x4 mm<sup>2</sup>, U = 230 V  
4x2.5 mm<sup>2</sup>, U > 230 V

**Shaft seals**

Double mechanical face seals with an oil compartment between the seals

Material lower seal: Silicon carbide - silicon carbide

Material upper seal: Carbon - silicon carbide

**Bearings**

Lower: Double angular contact ball bearing with C3 clearance  
Upper: Ball bearing with C3 clearance

**Discharge connections**

3", hose, BSP or NPT

**Materials**

Casted parts	Aluminium
Outer casing	Stainless steel
Motor shaft	Stainless steel
Impeller	Cr-alloyed white cast iron
Screws and nuts	Stainless steel
Pump housing	Polyurethane

**Accessories**

Zinc anodes  
Float switch

**Limitations**

Max. submersion depth: 20 m  
Max. liquid temperature: 40°C  
Max. liquid density: 1100 kg/m<sup>3</sup>  
pH of the liquid: 5-8

*Specifications can be changed without notice.*