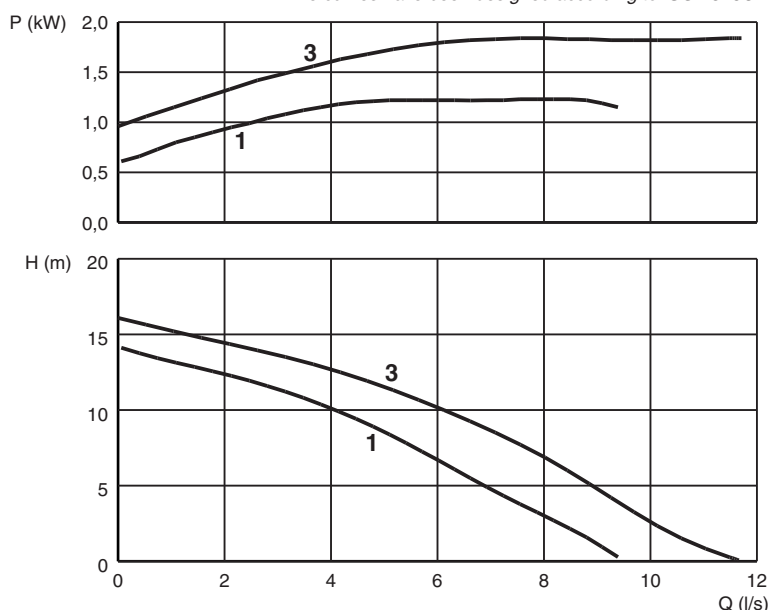


The curves have been designed according to ISO 2548C

**Pump types**

1: single phase
3: 3-phase

Classification

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

Electrical motor

Single phase: Squirrel cage induction motor with start- and run capacitor
3-phase: Squirrel cage induction motor
Insulation class: F (IEC 85)

Technical data		Single phase		3-phase	
Shaft speed	r.p.m.	2800	2800		
Rated output	kW	0.9	1.6		
Max. power cons.	kW	1.2	1.9		
Rated current A at	110 V	10			
	230 V	5.5	6.5		
	400 V		3.7		
	500 V		3.0		

Other voltages on request

Motor protector

Single phase: Temperature guard with a thermal contact in the stator, airvalve
3-phase: Phase sequence control, phase failure guard, temperature guard with thermal contacts in the stator, airvalve (= SMART-system)

Power cable

H07RN-F, length 20 m
Single phase: 3x1.5 mm² (230 V), 3x4 mm² (110 V)
3-phase: 4x1.5 mm²

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

Ball bearings with C3 clearance

Discharge connections

2", 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
Diffusers	Polyurethane or nitrile rubber

Accessories

Low suction collar
Zinc anodes
Float switch

Limitations

Max. submersion depth: 20 m
Max. liquid temperature: 40°C
Max. liquid density: 1100 kg/m³
pH of the liquid: 5-8

Specifications can be changed without notice.