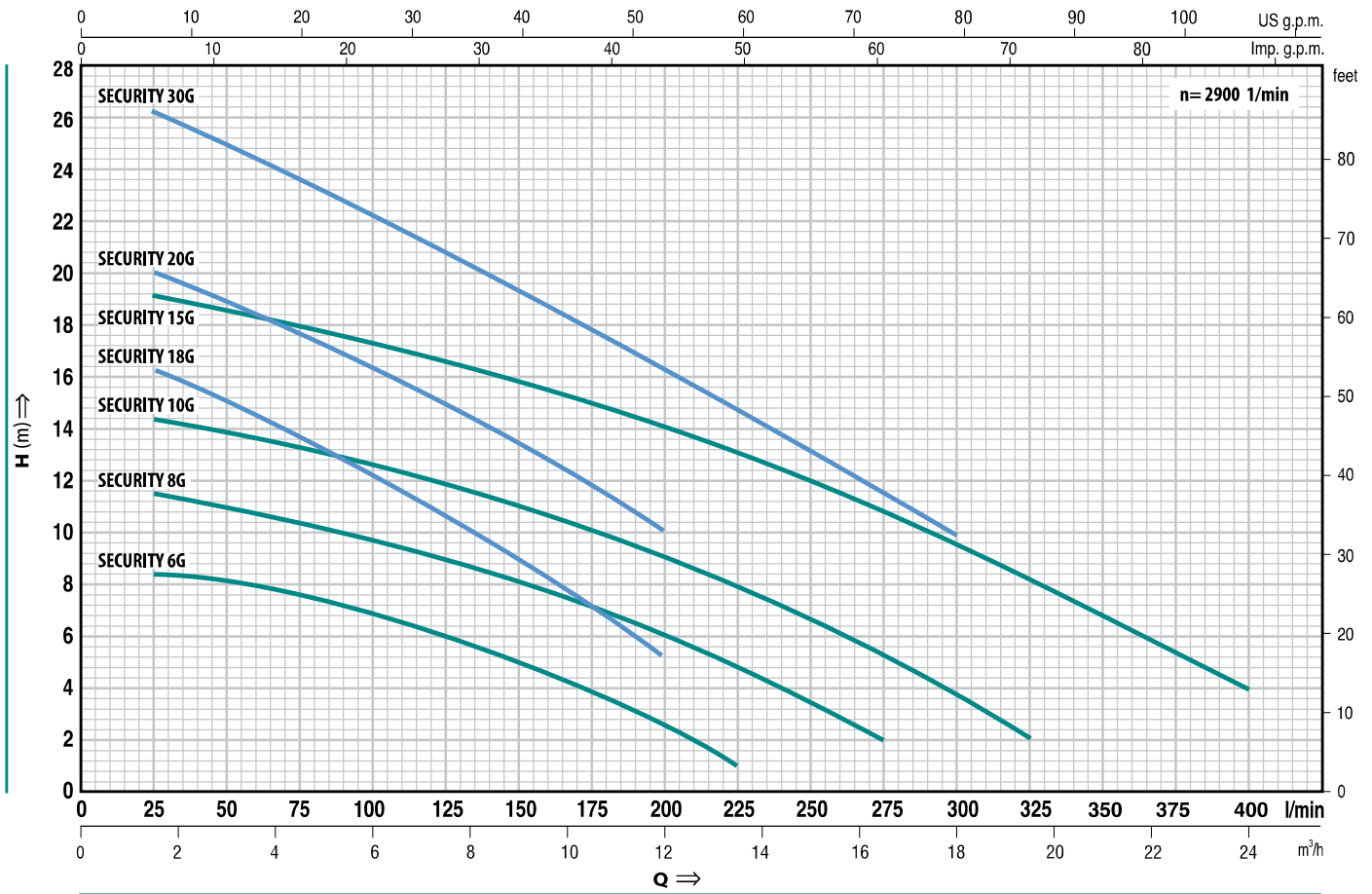




# SECURITY G

DRAINAGE submersible pumps



Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

TYPE		POWER		m³/h l/min	H metres																		
Single-phase	Three-phase	kW	HP		0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	24.0			
				0	25	50	75	100	125	150	175	200	225	250	275	300	325	350	400				
SECURITY G 6M	----	0.45	0.60	9	8.5	8	7.5	6.8	6	5.2	4	2.6	1										
SECURITY G 8M	----	0.60	0.85	12	11.5	11	10.5	9.8	9	8.2	7.2	6	4.8	3.5	2								
SECURITY G 10M	SECURITY G 10	0.75	1	15	14.5	14	13.2	12.5	11.8	11	10	9	8	6.8	5.4	3.5	2						
SECURITY G 15M	SECURITY G 15	1.1	1.5	19.5	19	18.5	18	17.5	16.5	16	15	14	13	11.8	10.5	9.2	8	7	4				
SECURITY G 18M	----	0.6	0.85	17	16.5	15	13.5	12	10.7	9	7.7	5											
SECURITY G 20M	SECURITY G 20	0.75	1	21	20	19	17.5	16	15	13.5	12	10											
SECURITY G 30M	SECURITY G 30	1.1	1.5	27	26	25	23.5	22	21	19.5	18	16	14.5	13	11.5	10							

## DIMENSIONS AND WEIGHTS

TYPE		PORT DN	DIMENSIONS mm												kg	
Single-phase	Three-phase		a	b	c	h	h1	m	n	o	d	e	p	∅	1~	3~
SECURITY G 6M	----	1 1/2"	105	90	136	285	66	81	200	66	15	adjust-able	500	500	14.8	-
SECURITY G 8M	----														16.1	-
SECURITY G 10M	SECURITY G 10														17.1	16.1
SECURITY G 15M	SECURITY G 15		110		140	310	80								19.3	18.2
SECURITY G 18M	----		105		136	285	66								16.1	-
SECURITY G 20M	SECURITY G 20		105		136	285	66								17.1	16.1
SECURITY G 30M	SECURITY G 30		110		140	310	80								19.3	18.2





### RANGE OF PERFORMANCE

Flow rate up to 400 l/min (24 m<sup>3</sup>/h)

Head up to 27 m

### LIMITS OF USE

Depth up to 10 m

Liquid temperature up to + 40°C

Passage of suspended solid bodies up to  
Ø 10 mm

Drainage level to 15 mm from the bottom

For continuous duty: minimum immer-  
sion 210 mm from pump base

### INSTALLATION AND USE

**SECURITY G SUBMERSIBLE PUMPS, MADE OF EXCEPTIONALLY STURDY HEAVY-GAUGE CAST IRON, RESISTANT TO ABRASION AND LONG-LASTING, ARE RECOMMENDED FOR DRAINING CLEAR OR SLIGHTLY DIRTY WATER AND FOR DISPOSING OF NON-SEWAGE WASTE WATER; THEY ARE OUTSTANDING BOTH IN THEIR STURDINESS AND THEIR RELIABILITY IN FIXED INSTALLATIONS WITH AUTOMATIC OPERATION.**

**GUARANTEE 2 YEARS** subject to our general terms of sale.

### CONSTRUCTION CHARACTERISTICS

- **PUMP BODY:** cast iron, with threaded port ISO 228/1.
  - **MOTOR CASING:** cast iron.
  - **SUCTION GRID:** stainless steel AISI 304.
  - **IMPELLER:** cast iron.
  - **MOTOR SHAFT:** stainless steel EN 10088-3 - 1.4104.
  - **DOUBLE SEAL:** mechanical seal silicon carbide-ceramic-NBR, with oil barrier chamber and inner lip seal to protect the seal in the event of dry running.
  - **MOTOR:** submersible asynchronous for continuous duty.
- SECURITY G M:** single-phase 220÷240 V - 50 Hz with thermal overload protector.
- SECURITY G:** three-phase 380÷415 V - 50 Hz.
- **INSULATION:** class F.
  - **PROTECTION:** IP 68.

### STANDARD FEATURES:

**SECURITY G M** (single-phase)

- Float switch.
- Neoprene power cable "H07 RN-F" length **10 metres with Schuko plug.**
- Electric panel with capacitor.

**SECURITY G** (three-phase)

- Neoprene power cable "H07 RN-F" length **10 metres.**



### OPTIONS ON REQUEST

- ⇒ control box for three-phase pumps 1.1 kW
- ⇒ single-phase pumps without float switch
- ⇒ other voltages or frequency 60 Hz

### CONSTRUCTION AND SAFETY STANDARDS

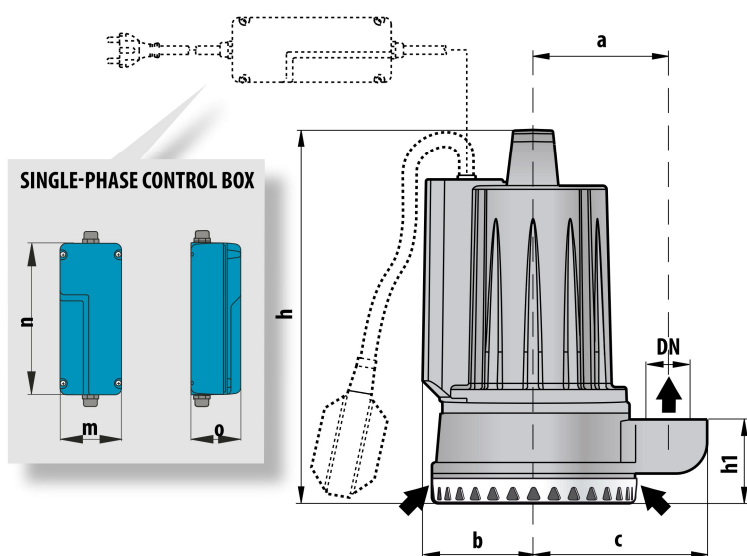
EN 60034-1

IEC 34-1

CEI 2-3



## DIMENSIONS



### Typical installation

