

SWIFT MULTI 3

SUBMERSIBLE MULTI-STAGE PUMPS

 Clean water

 Domestic use

 Civil use



PERFORMANCE RANGE

- Flow rate up to **120 l/min** (7.2 m³/h)
- Head up to **33 m**

APPLICATION LIMITS

- Immersion depth up to **10 m**
(with a sufficiently long power cable)
- Maximum liquid temperature **+40 °C**
- Suction level **35 mm** above ground level
- Continuous service **S1**

CONSTRUCTION AND SAFETY STANDARDS

Complete with:

- **10 m** long power cable
- float switch
- hose connector Ø 35 mm
- complete connector with flap-check valve

EN 60335-1
IEC 60335-1
CEI 61-150

EN 60034-1
IEC 60034-1
CEI 2-3

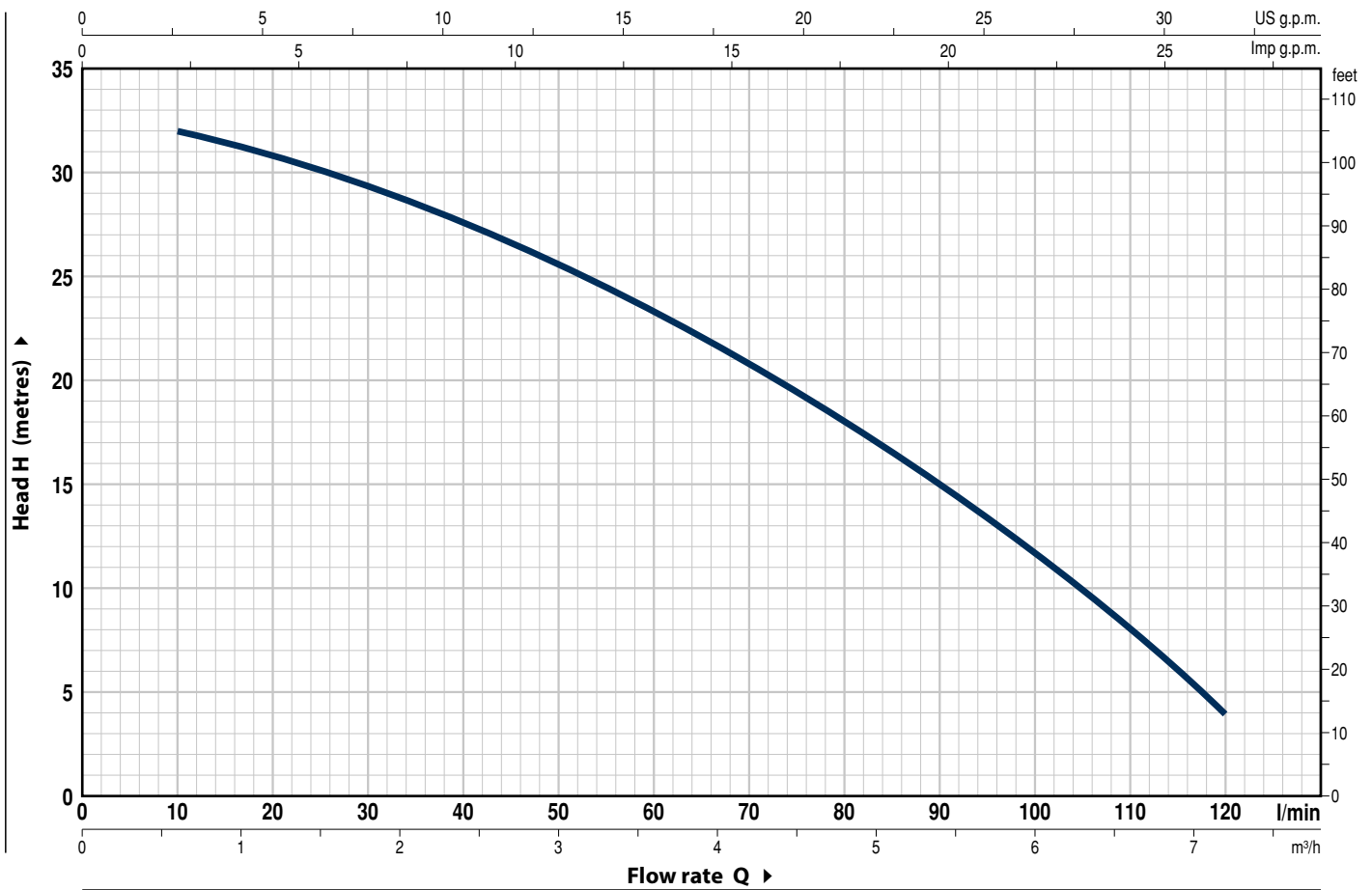


INSTALLATION AND USE

SWIFT MULTI 3 pumps are recommended for pumping clean water and liquids that are not chemically aggressive for the materials from which the pump is made.

Because of their high efficiency and reliability they are suitable for use in applications such as domestic water supply from reservoirs, tanks or relatively deep wells, for drawing rain water from cisterns to water gardens or for use in irrigation systems, etc.

CHARACTERISTIC CURVES AND PERFORMANCE DATA 50 Hz n= 2900 min⁻¹



MODEL	POWER (P ₂)		Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2
	kW	HP		0	10	20	30	40	50	60	70	80	90	100	110	120
Single-phase																
SWIFT MULTI 3	0.55	0.75	H metres	33	32	31	29.5	28	25.5	23	20.5	18	15	12	8	4

Q = Flow rate
H = Total manometric head
Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

SWIFT MULTI 3

POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
1	DELIVERY BODY	Glass fibre reinforced technopolymer complete with threaded delivery port in compliance with ISO 228/1
2	PUMP BODY AND SUCTION FILTER	Glass fibre reinforced technopolymer
3	MOTOR SLEEVE	Stainless steel AISI 304
4	IMPELLERS	Noryl FE1520PW
5	DIFFUSERS	Noryl complete with anti-wear ring
6	MOTOR SHAFT	Stainless steel AISI 431

7 TWO MECHANICAL SEALS SEPARATED BY AN OIL CHAMBER

Seal Model	Shaft Diameter	Position	Materials		
			Stationary ring	Rotational ring	Elastomer
STA-13R	Ø 13 mm	Motor side	Ceramic	Graphite	NBR
STA-12R SG	Ø 12 mm	Pump side	Silicon carbide	Graphite	NBR

8 BEARINGS 6202 ZZ - C3 / 6201 ZZ

9 CAPACITOR

Capacitance

(220-230 V o 240 V)	(110 V)
12.5 µF 450 VL	25 µF - 250 VL

10 ELECTRIC MOTOR

- Single-phase 220-230 V - 50 Hz with thermal overload protector incorporated into the winding.
- Insulation: class F
- Protection: IP X8

11 POWER CABLE

"H07 RN-F" with Schuko plug
Standard length 10 metres

12 FLOAT SWITCH

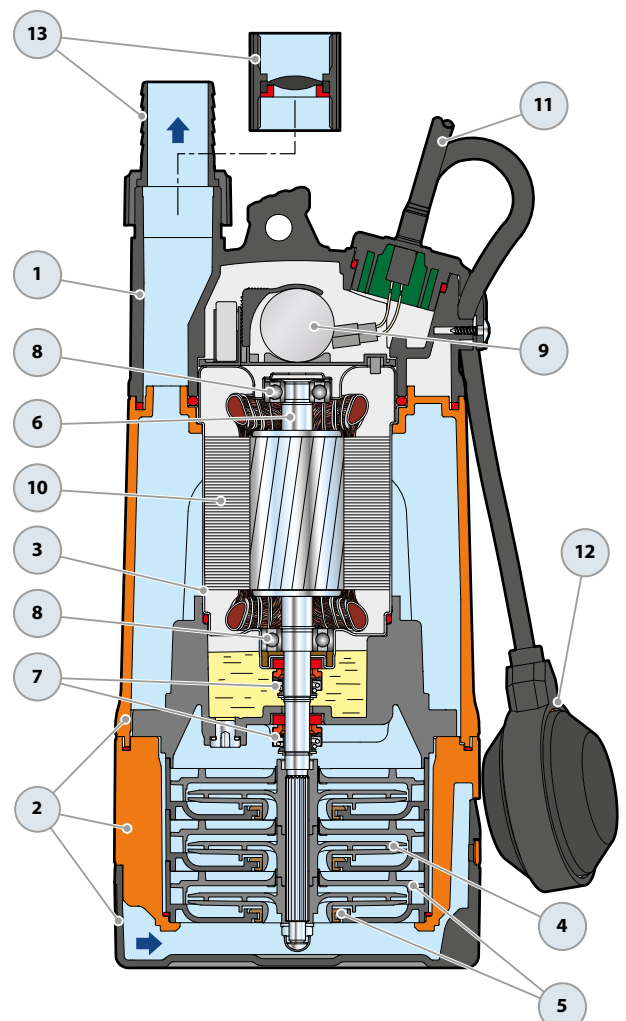
13 HOSE CONNECTOR WITH RING NUT

Ø 35 mm hose connection

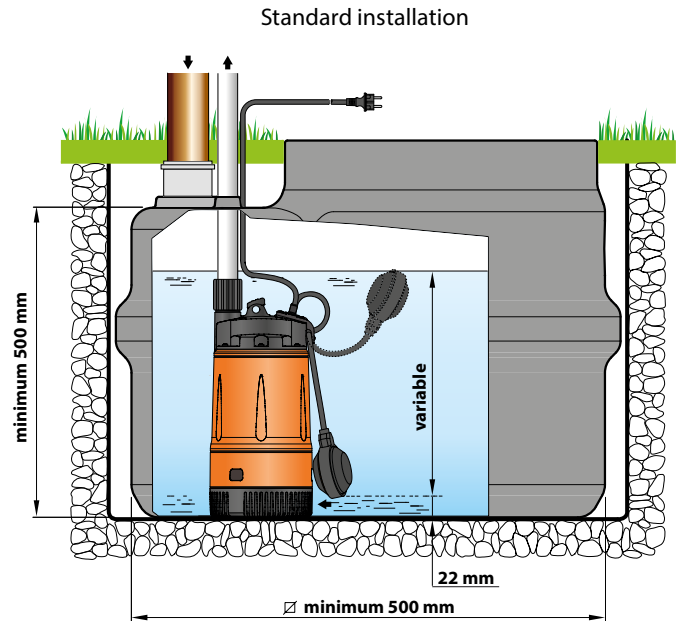
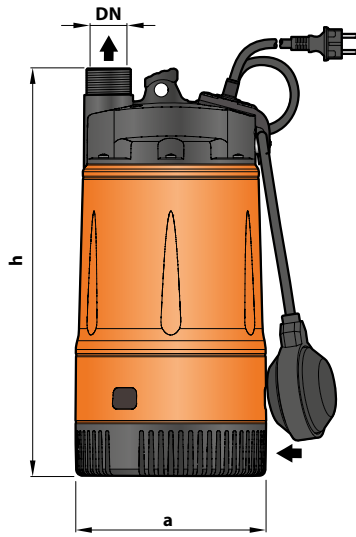
PIPE COUPLING

Threaded 1¼" in compliance with ISO 228/1, complete with flap-check valve

(Included in the equipment)



DIMENSIONI E PESI



MODEL	PORT	N. STAGES	DIMENSIONS mm		kg
			a	h	
Single-phase	DN				
SWIFT MULTI 3	1¼"	3	178	380	9.4

ABSORPTION

MODEL	VOLTAGE		
	230 V	240 V	110 V
Single-phase			
SWIFT MULTI 3	3.6 A	3.5 A	7.2 A

PALLETIZATION

MODEL	GROUPAGE	CONTAINER
Single-phase	n. pumps	n. pumps
SWIFT MULTI 3	60	80