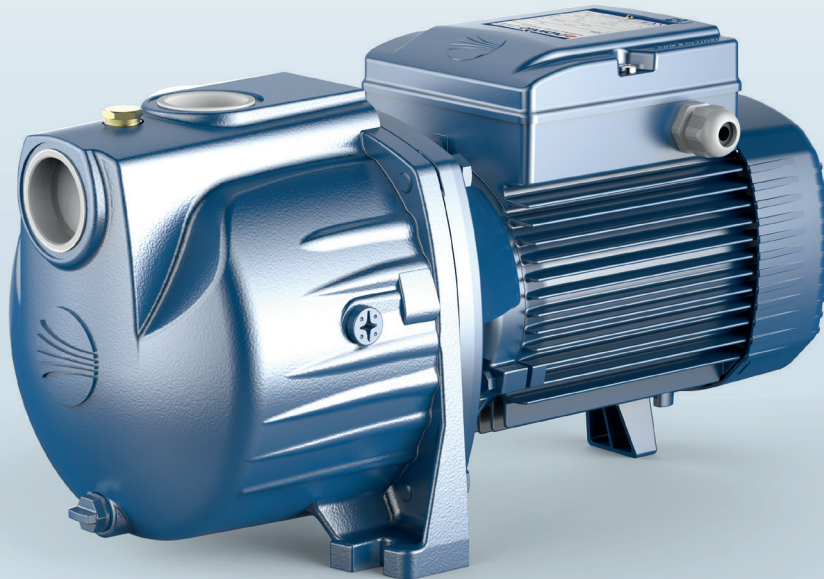


SPRINKLER

Self-priming centrifugal pumps

-  Clean water
-  Domestic use
-  Civil use



PERFORMANCE RANGE

- Flow rate up to **106.6 g/min**
- Head up to **118 ft**

INSTALLATION AND USE

SPRINKLER, a versatile self-priming pump designed to effortlessly draw water, even when air is present in the liquid. With its reliable performance and user-friendly operation, **SPRINKLER** is ideal for various applications, including domestic, civil, and irrigation.

ELECTRIC MOTOR

The three-phase pumps are equipped with newly developed electric motors designed to work with inverters, which guarantee stable and quiet operation.

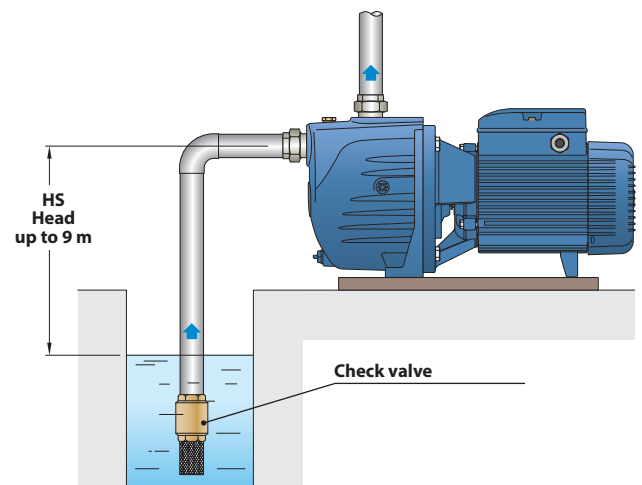
Efficiency class **IE3** for three-phase motors and **IE2** for single-phase motors, with class F insulation and IPX4 protection

APPLICATION LIMITS

- Manometric suction head up to **29.5 ft (HS)**
- Liquid temperature between **14 °F** and **104 °F**
- Ambient temperature up to **104 °F**
- Maximum working pressure **10 bar**

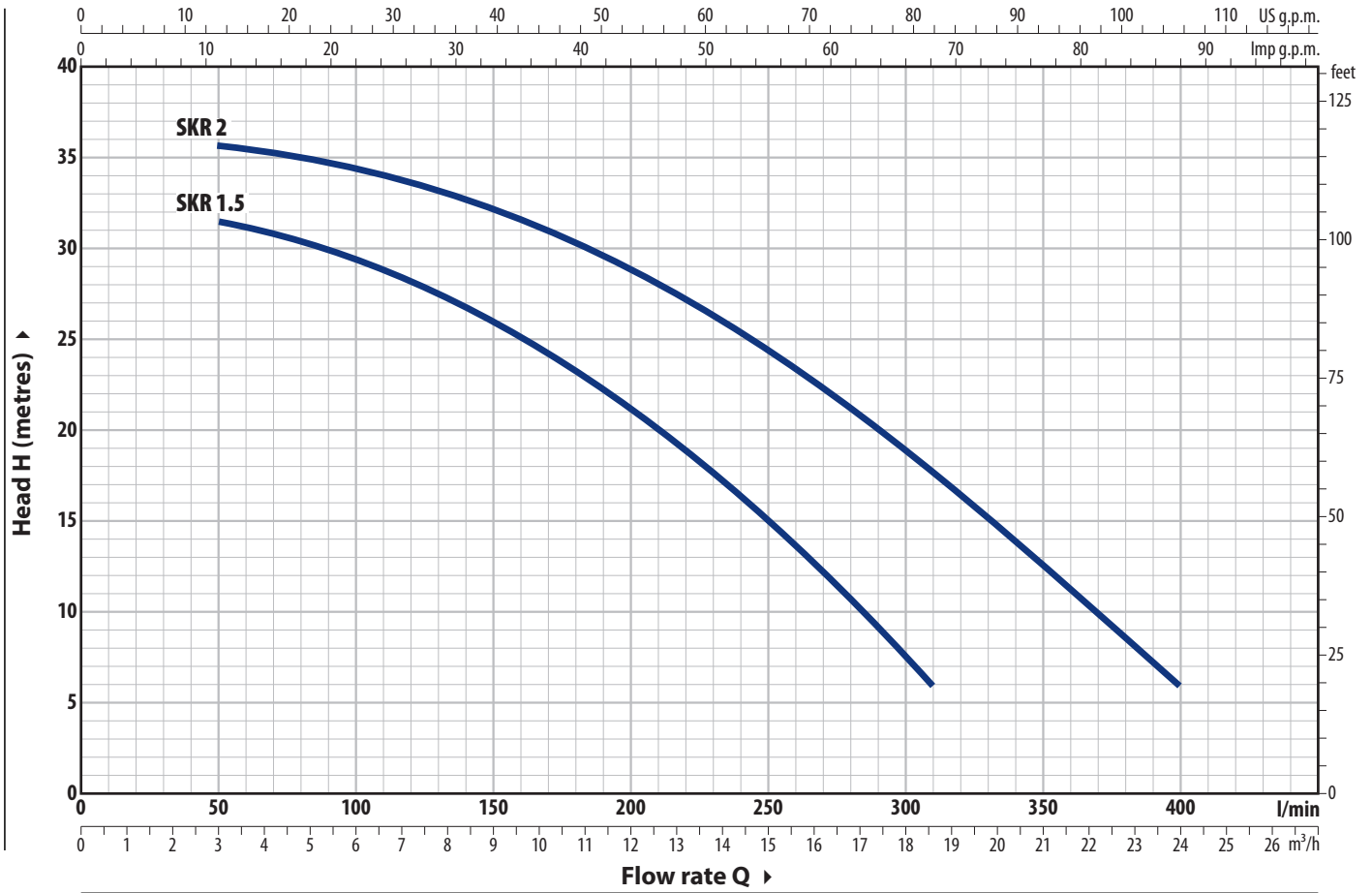
AVAILABLE UPON REQUEST

- ✘ IPX5 protection
- ✘ Different voltage or frequency



CURVES AND PERFORMANCE DATA – HS=0 m

60 Hz



TYPE		POWER (P ₂)		1~3~	Q	m ³ /h									
Single-ph.	Three-ph.	kW	HP			0	3.0	6.0	9.0	12.0	15.0	18.0	18.6	21.0	24.0
SKRm 1.5	SKR 1.5	1.1	1.5	IE2 IE3	H m	0	50	100	150	200	250	300	310	350	400
SKRm 2	SKR 2	1.5	2			32	31.5	29.5	25.8	21	15	7.5	6		
						36	35.5	34.5	32	29	24.5	19	17.8	12.5	6

Q = Flow rate H = Total manometric head HS = Suction height

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.



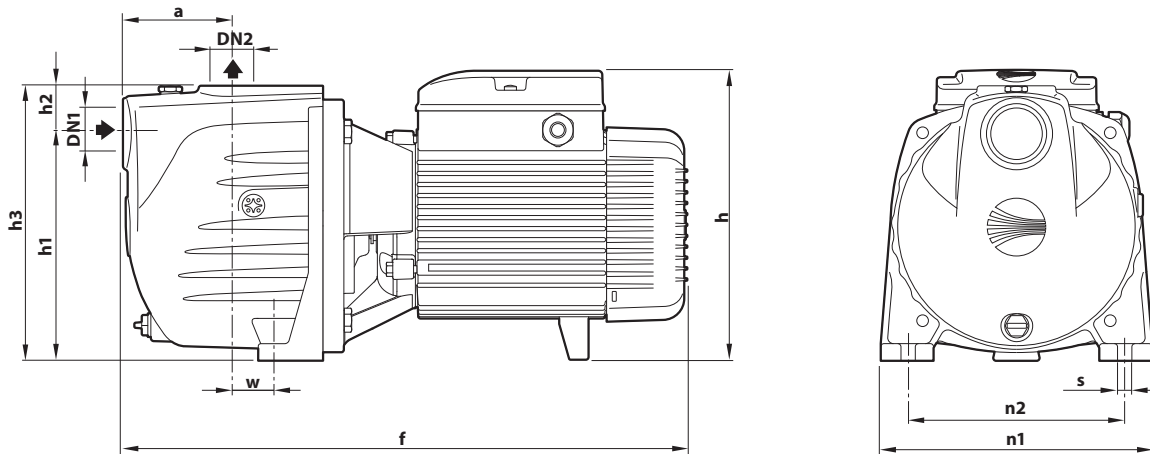
SPRINKLER Technical data

ABSORPTION

TYPE	VOLTAGE
Single-ph.	220 V
SKRm 1.1	8.7 A
SKRm 1.5	11.0 A

TYPE	VOLTAGE	
	220 V - Δ	380 V - 人
SKR 1.1	6.5 A	3.8 A
SKR 1.5	7.1 A	4.1 A

DIMENSIONS AND WEIGHT



TYPE		PORTS		DIMENSIONS mm										kg	
Single-ph.	Three-ph.	DN1	DN2	a	f	h	h1	h2	h3	n1	n2	w	s	1~	3~
SKRm 1.5	SKR 1.5	1½"	1½"	91	465	241	186	39	225	223	178	37.5	11	24.5	24.5
SKRm 2	SKR 2													25.8	25.8

PALLET CAPACITY

TYPE		NO. OF PUMPS
Single-ph.	Three-ph.	
SKRm 1.5	SKR 1.5	35
SKRm 2	SKR 2	35

MATERIALS AND COMPONENTS

1 Pump body	Cast iron with cataphoresis treatment, provided with ISO 228/1 threaded ports		
2 Cover	Cast iron with cataphoresis treatment		
3 Diffuser	Noryl™		
4 Impeller	Noryl™		
5 Mechanical seal	Seal FN-18	Shaft Ø 18 mm	Materials Graphite / Ceramic / NBR
6 Motor shaft	Stainless steel AISI 431		
7 Electric motor	<p>SKRm: single-phase 220 V - 60 Hz with winding integrated thermal motor protection</p> <p>SKR: three-phase 220/380 V - 60 Hz</p> <ul style="list-style-type: none"> - Pumps are equipped with high-efficiency motors (IEC 60034-30-1) <ul style="list-style-type: none"> class IE2 for single-phase models class IE3 for three-phase models - Continuous running duty S1 - Insulation: class F - Protection rating: IP X4 		

