

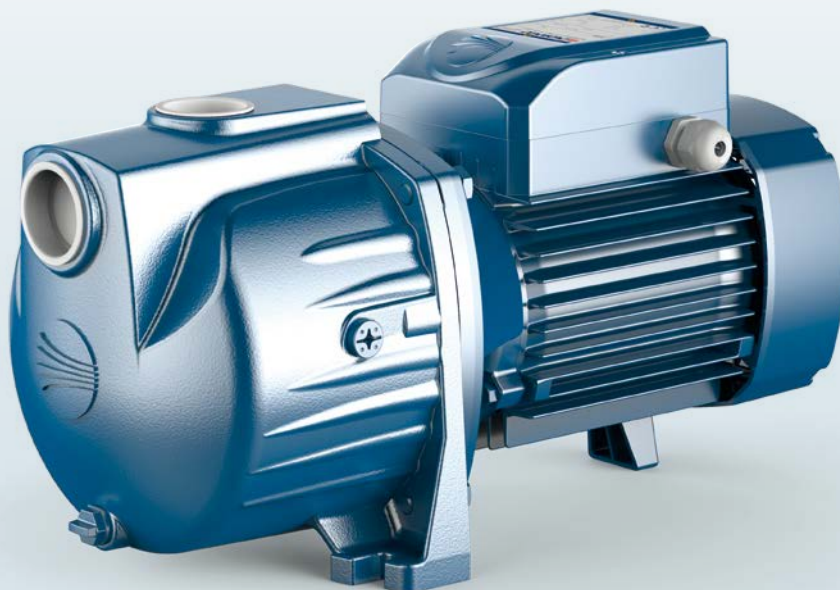
SKRm2 UP TO 45 SPRINKLER HEADS

Self-priming centrifugal pumps

 Clean water

 Domestic use

 Civil use



PERFORMANCE RANGE

- Flow rate up to **6,360 GPH** (106l/min)
- Head up to **51psi** (118 feet)

APPLICATION LIMITS

- Manometric suction lift up to **29 feet** (HS)
- Liquid temperature between **-14 °F** and **104 °F**
- Ambient temperature up to **104 °F**
- Max. working pressure **10 bar**
- Continuous service **S1**

CONSTRUCTION AND SAFETY STANDARDS

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

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



CERTIFICATIONS

Company with management system certified DNV
ISO 9001: QUALITY

INSTALLATION AND USE

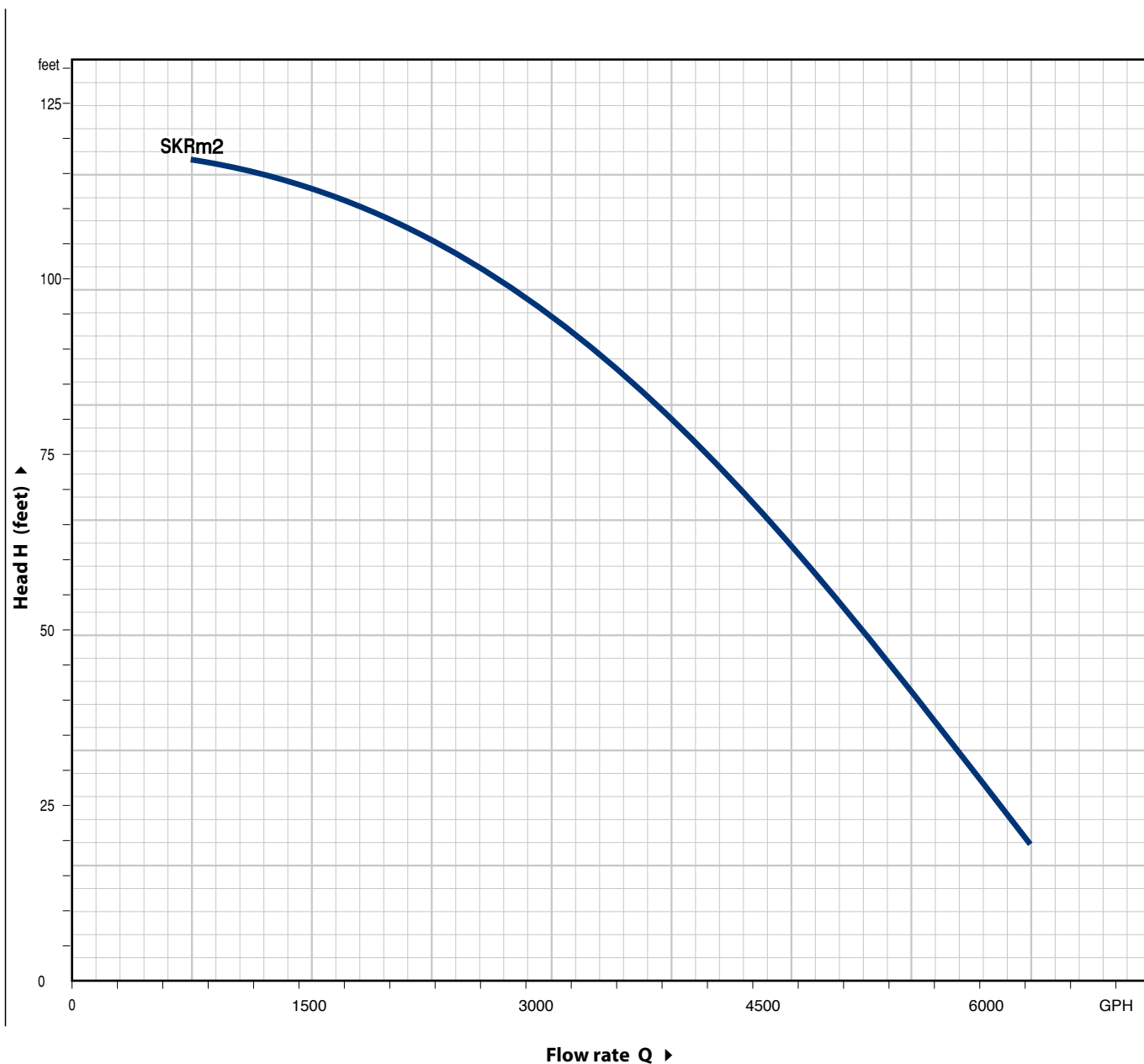
Suitable for use with clean water and with liquids that are not chemically aggressive towards the materials from which the pump is made. The self-priming **SPRINKLER** pumps are designed to pump water even in cases where air is present. Because of their reliability and the fact that they are easy to use, they are recommended for use in domestic and civil applications such as the distribution of water and for the irrigation of gardens and orchards with the use of sprinklers.

OPTIONS AVAILABLE ON REQUEST

- Other voltages
- IPX5 protection

CHARACTERISTIC CURVES AND PERFORMANCE DATA

60 Hz n= 3450 min⁻¹ HS= 0 m



MODEL	POWER (P ₂)			Q GPH	0	792	1,584	2,376	3,168	3,960	4,755	5,547	6,340
	kW	HP	▲										
Single-phase													
SKRm2	1.1	2.0	IE3	H feet	118	115	113	105	95	81	63	41	20

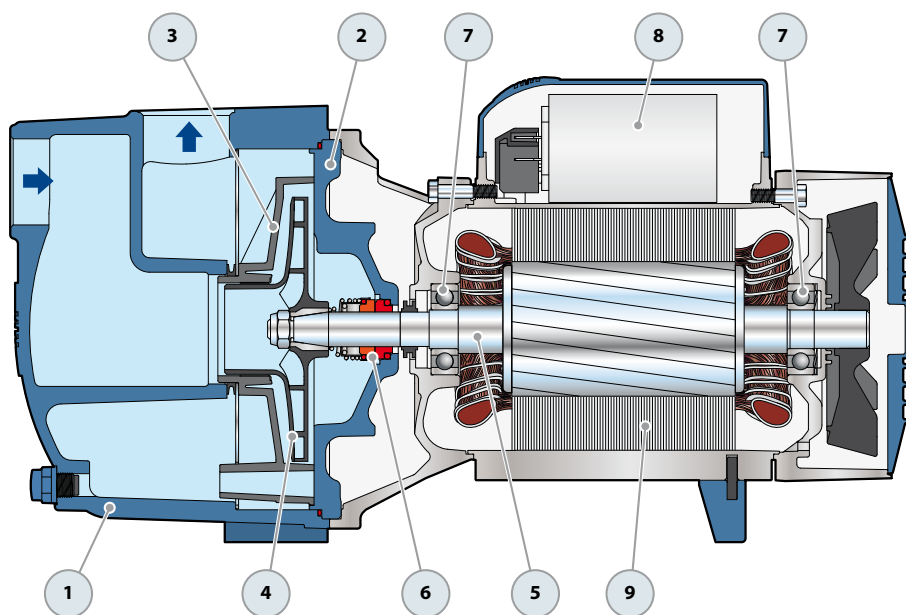
Q = Flow rate H = Total manometric head HS = Suction height

Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

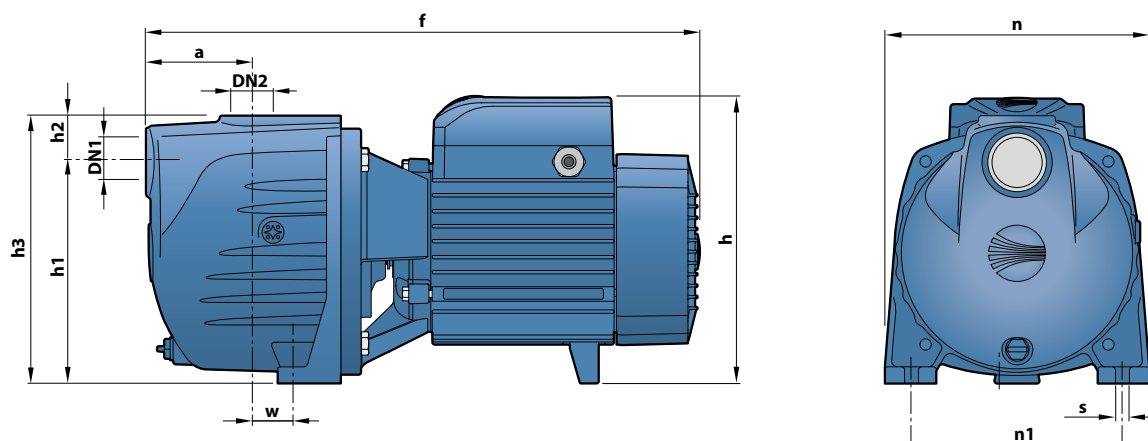
▲ Performance class of the three-phase motor (IEC 60034-30-1)

SPRINKLER

POS. COMPONENT		CONSTRUCTION CHARACTERISTICS				
1	PUMP BODY	Cast iron with an Epoxy Electro Coating treatment, with NPT ANSI B 1.20.1 threaded ports				
2	BODY BACKPLATE	Cast iron with an Epoxy Electro Coating treatment				
3	DIFFUSER	Noryl FE1520PW				
4	IMPELLER	Noryl FE1520PW				
5	MOTOR SHAFT	Stainless steel EN 10088-3 - 1.4104				
6	MECHANICAL SEAL	Seal	Shaft	Materials		
		Model	Diameter	Stationary ring	Rotational ring	Elastomer
		FN-18	Ø 18 mm	Graphite	Ceramic	NBR
7	BEARINGS	6204 ZZ / 6204 ZZ				
8	CAPACITOR	Pump	Capacitance			
		Single-phase	(230 V)	(115 V)		
		SKRm	50 µF - 450 VL	80 µF - 250 VL		
9	ELECTRIC MOTOR	SKRm: single-phase 115V or 230 V - 60 Hz with thermal overload protector incorporated into the winding.				
		– Insulation: class F				
		– Protection: IP X4				



DIMENSIONS AND WEIGHT



MODEL		PORTS		DIMENSIONS mm									
Single-phase		DN1	DN2	a	f	h	h1	h2	h3	n	n1	w	s
SKRm2		1½" NPT	1½" NPT	91	465	241	186	39	225	223	178	37.5	11

ABSORPTION

MODEL	VOLTAGE		
Single-phase	230 V		115 V
SKRm2	11		22

PALLETIZATION

MODEL	GROUPAGE	CONTAINER
Single-phase	n. pumps	n. pumps
SKRm 2	35	49