KRS GB GROUND BASE

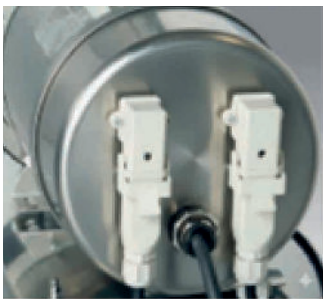
Rainwater utilization facility

According to the regulations CAT 5 - EN1717

KRS GB unit is used for rainwater management and distribution. The unit detects the lack of water in the rainwater harvesting system and makes corrections to ensure the proper functioning of the system (i.e., it never causes the utilities to run out of water). Generally, the system is intended for small irrigation, washing machine, toilet flush box, floor washer. The main purpose of the KRS GB system is to prioritize the consumption of rainwater over mains water. When the rainwater contained in the collection tank is insufficient, the control unit switches to the mains water supply ensuring water to the points the normal uses (N.B). The water supplied by the system is not drinkable. The connection between the rainwater collection tank and the mains water tank integrated into the system is selected by a three-way valve installed at the pump suction. The operation of the pump is exactly like an automatic pump with a built-in "start-stop" system with flow and pressure control; when water is requested, the pump starts, when the tap is closed, the pump stops. A safety float switch is provided in the KRS GB to prevent water shortage, preventing the pump from dry-running issue. It is according to CAT5 and EU 1717.

Plus

1 Super quiet <50 db (A)
2. Automatic and smart features
3. Compact and robust (SS304)
4. Slim base for Groud base or wall-mounted fixing
5. High-capacity 35-liter real tank.
6. Automatic float switch for dry running protection
7. 304 stainless steel base plate for vibration absorber
8. Quick connections for installation and maintenance (back cover)



Quick connections for installation and maintenance of rainwater harvesting tank float switch and motorized valve.





Float with quick connection. (included in the supply)

COLOURS ON DEMANDE

WHITE
KRSGB.....**W** **MOQ 20 PCS**

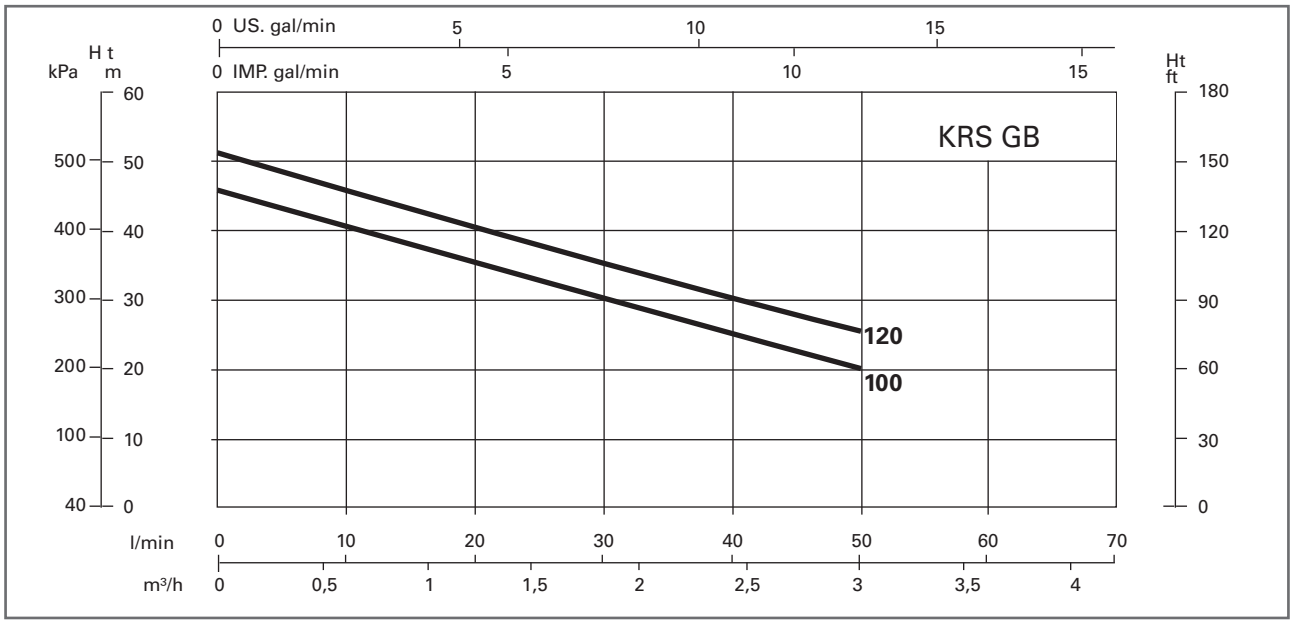
BLEU
KRSGB.....**B** **MOQ 20 PCS**

GREY
KRSGB.....**G** **MOQ 20 PCS**

BLACK
STANDARD COLORING

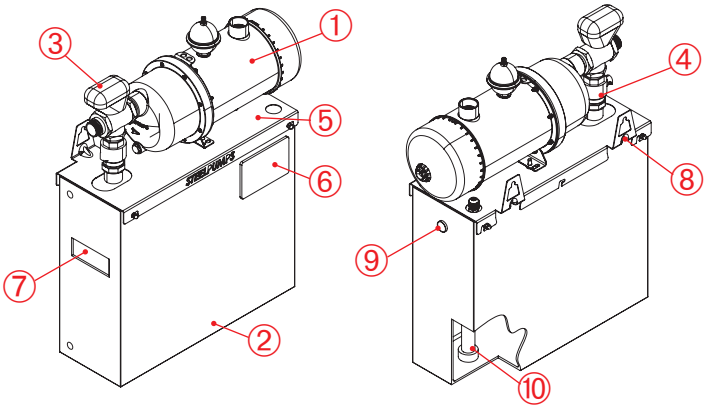
Code	P_2 Nom.		1 ~ 50Hz Amp.	Q (lt/m) Flow							Dimensions mm				Volume tank lt
				0	10	20	30	40	50	60					
	Hp	kW	230 V	Total Hm in CA							L	L1	P	H	
KRS GB 100 P	1,0	0,75	5,3	47	40	35	30	25	20	5	604	555	245	791	35
KRS GB 120 P	1,2	0,90	5,9	51	45	40	34	30	24	8	604	555	245	791	35
KRS GB 100 SD	1,0	0,75	5,3	47	40	35	30	25	20	5	604	555	245	791	35
KRS GB 120 SD	1,2	0,90	5,9	51	45	40	34	30	24	8	604	555	245	791	35

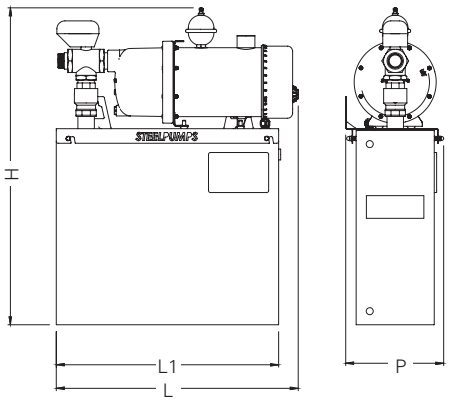
Curves and performance η = 2900 1/min



Technical Data

- Max flow rate 51 l/min
- Prevalence Max 52mt
- Liquid temperature: +5°C ÷ +55°C
- Max network pressure: 4 bar
- Minimum network flow rate: 10 lt/min
- Max height of the highest point of use: 20 m
- Power supply: Volts 220-240 Hz50
- Max Power Consumption: 5.9 Amp
- Degree of protection: IP 20
- Room temperature: +5°C ÷ +40°C
- Materials in PE for tank with 35 Liters net volume
- Mains inlet pipe size: 3/4"
- Window Over Flow
- Suction tube size: 1"
- Water type: ph 4-9 (rainwater)
- Dry weight in kg: 20
- Operating weight in kg: 55
- Float switch with double chamber with 20m cable for the main tank three-way motorized valve IP44.
- Device in accordance with Eu1717 standards and Cat 5.
- float switch with double chamber for dry running protection





Legend	Description
1	XAJE 100 - 120 pump
2	Water tank 35 liters net volume
3	Motorized three-way valve
4	Threaded joint 1" - DN32 without return valve
5	AISI 304 steel plate to absorb vibrations.
6	Inspection lid
7	Overflow window
8	Wall mounting bracket
9	Inlet ¾ from mains water
10	1Float switch against dry running