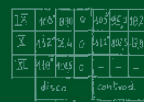


A green chalkboard with a white 'L' shape. The board is filled with a grid of numbers and symbols, including Roman numerals (I, II, III, IV, V, VI, VII, VIII, IX, X), mathematical symbols (π , ∞ , $\approx$, $\neq$, $\propto$), and musical notes (disco, cantata, mezz.). The numbers are arranged in a grid, with some cells containing Roman numerals and others containing mathematical symbols or musical notes. The overall theme is a mix of mathematics, music, and general knowledge.



Raccogliere l'interazione
 "Maturato, lingua di fuoco"
 con viaggio di fantasia.

8465

08 (M)
 R416
 84

Pon
 C

60 Hz

FEATURE

Compact design with Top Discharge Outlet reduces space usage for installation in small manholes, for use in domestic, installations and small featured works. Two different types of level sensors:

- Mechanical activated float switch with cable extender (A).
- Vertical mechanical activated float switch with casement (S)

Top discharged cools and removes heat from the motor through the outlet. It allows these pumps to be used even when only partially submerged. Every model undergoes hydrostatic testing for leakage from casing and mechanical seals.

ADVANTAGES

- Domestic drainage.
- Grey water drainage.
- Koi pond.
- Light waste water discharge.
- Hydro-sanitary.
- Fountain and landscape.
- Drainage pumping.
- Livestocks.
- Emergencies flooding pumping.

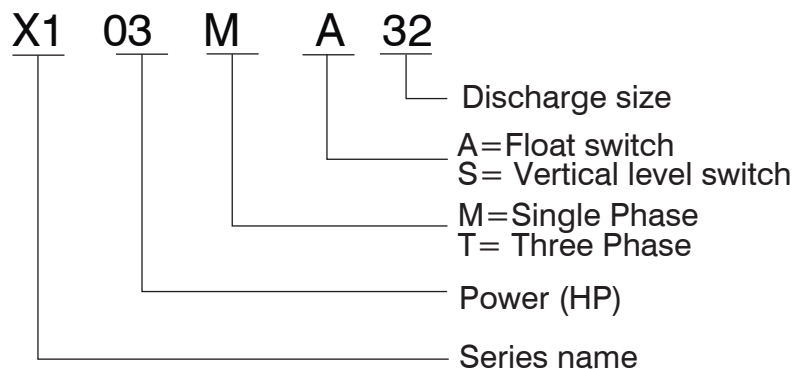
MOTOR DATA

- Motor type: 2 POLE, dry type.
- Frequency: 60 Hz.
- Nominal Speed: 3450 rpm.
- Insulation Class: F class (155° C).

MATERIAL

No.	COMPONENT	MATERIAL
1	Cable	H07RN-F
2	Float switch	Plastic
3	Handle	NY66+ G30
4	Motor cover	AISI 304
5	Motor housing	AISI 304
6	Oil seal	NBR
7	Mechanical seal	Carbon Graphite Ceramic/NBR/304
8	Shaft	AISI 410
9	Pump housing	AISI 304
10	Impeller	AISI 304
11	Pump casing	AISI 304
12	Strainer	AISI 304
13	Spring washer	AISI 304
14	Hex Dommed Nuts	AISI 304

MODEL CODE

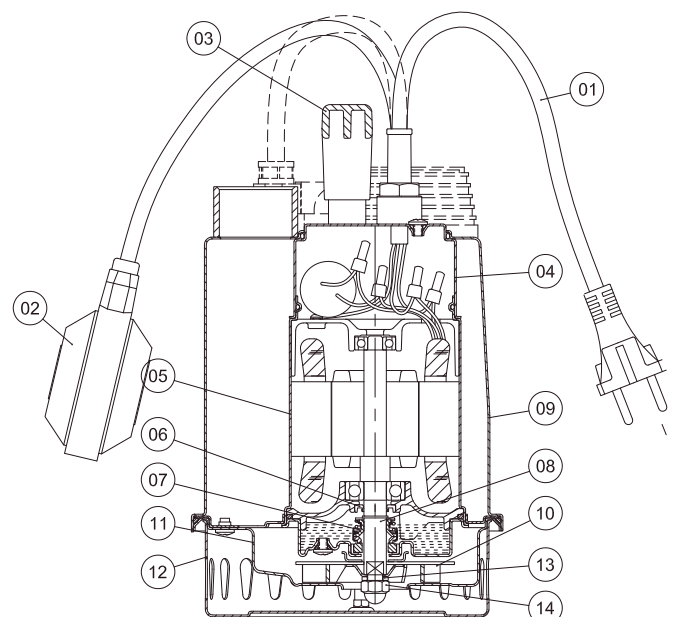


OPERATIONS CONDITIONS

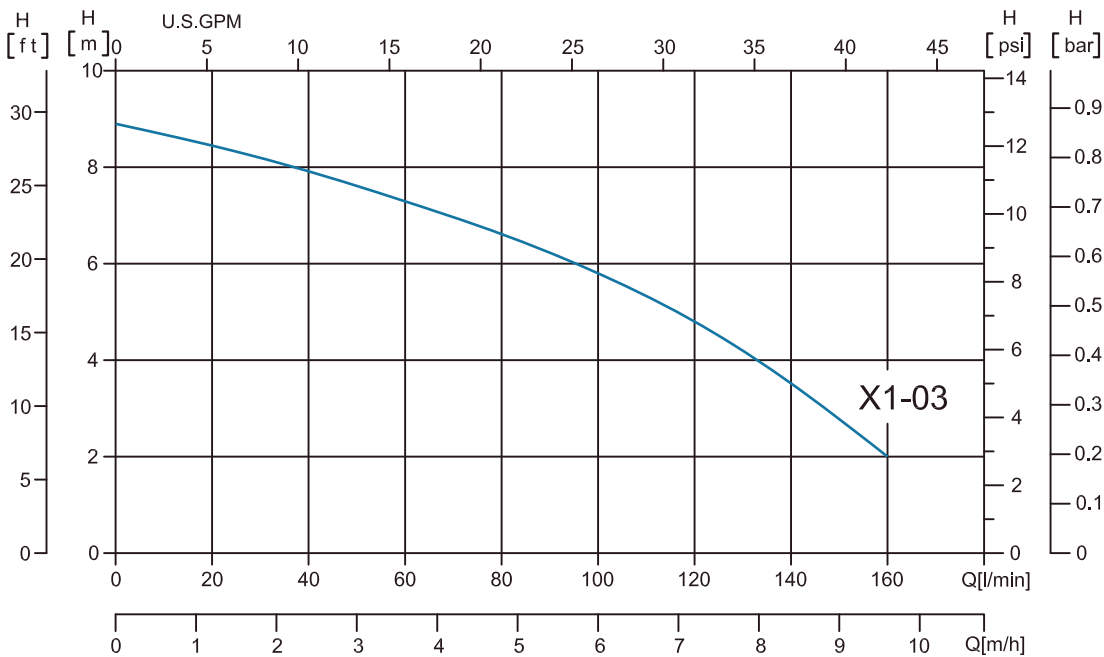
Fluid Temperature: 0 to 50° C (122° F).
MAX.depth: Maximum 5M.

PUMP DATA

- Enclosure protection class: IP 68
- Protection device: Thermal Protector (Single phase)
- Insulation Class: F class (155°C)
- Bearing: Double sealed with steel cage.
- Mechanical seal: Unbalance single mechanical seal bath in oil with spring type oil seal.



PERFORMANCE CURVES



TECHICAL DATA

SINGLE PHASE

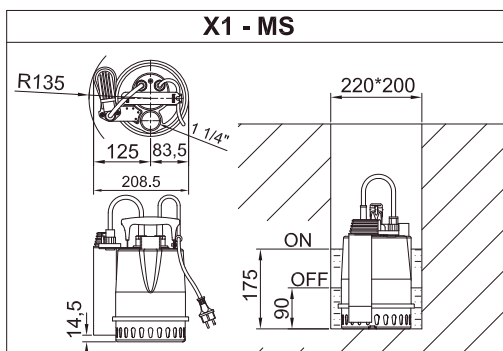
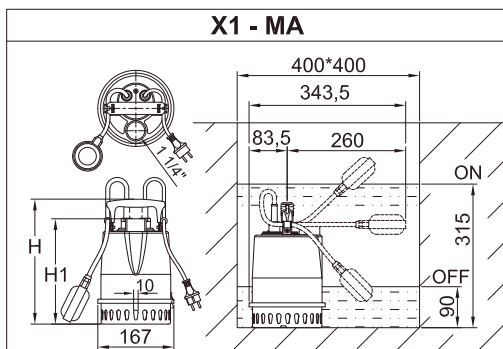
MODEL	POWER		CURRENT(A)		CAPACITORET		HEAD		FLOW		DISCHARGE
Single Phase	HP	Kw	110-127V	220-230V	110-127V UF/V	220-230V UF/V	Rated (M)	Max (M)	Rated (L/min)	Max (L/min)	inch
X1 03M-32	0.33	0.25	4.6-4.0	2.1-2.0	20UF 250V	6.3UF 450V	6.5	8.7	85	160	1 1/4"
X1 03MA-32											
X1 03MS-32											

A=Auto Float Switch

THREE PHASE

MODEL	POWER		CURRENT(A)			HEAD		FLOW		DISCHARGE
Single Phase	HP	Kw	110-127V	220-230V	220-230V	Rated (M)	Max (M)	Rated (L/min)	Max (L/min)	inch
X1 03M-32	0.33	0.25	1.4-1.3	0.7-0.6	0.6-0.5	6.5	8.7	85	160	1 1/4"

DIMENSIONS

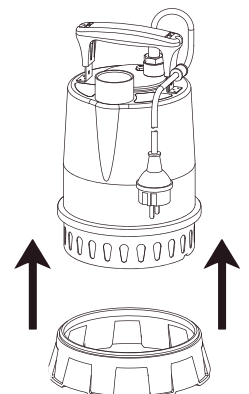


MODEL	DISCHARGE(mm)		SOLID PASSAGE (mm)	CABLE		N.W (kg)
	HP	Kw		H05 RN-F	M	
X1 03M-32	274	231	10	3G0.75mm²	10	5.4
X1 03MA-32						5.7
X1 03MS-32						5.8
X1 03T-32	274	231	10	4G0.75mm²	10	5.4

OPTIONAL MINIMUM SUCTION DEVICE

The minimum suction device allows to suck the liquid to 3 mm from the ground. (starting from at least 10 mm)

The automatic playing of the pump doesn't allow to the minimum suction device to suck out the liquid up to 3 mm from ground level.





WATER PUMPS

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