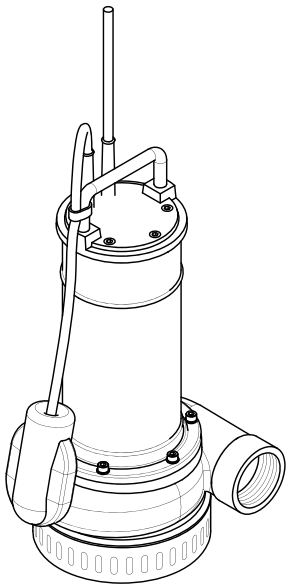
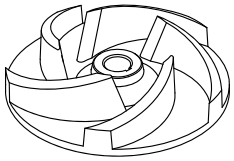


HYDROPOMPE	OPEN IMPELLER	50 Hz
HYDRO SERIES		**2 POLE**
9XM-9XT-11XM-11XT		

USE

Submersible electric pumps suitable for the lifting of clear and dirty water. They can be used as portable pumps either in building yards, basement tanks or for fixed installation with electric panel and float switch.

MATERIALS

Cover
Cast iron EN GJL 200 (UNI EN 1561)

Pump housing
Cast iron EN GJL 200 (UNI EN 1561)

Strainer
Stainless steel AISI 304

Impeller
Cast iron EN GJL 200 (UNI EN 1561)

Seal motor side
Seal ring

Mechanical seal impeller side
Silicon Carbide/Silicon Carbide (SiC/SiC)

Motor housing
Stainless steel AISI 304

Motor shaft
Stainless steel AISI 420

Bolts and nuts
Stainless steel Grade A2

Cable
5 meters type H07RN-F

Single-phase HYDRO 9XM
with 3G1mm^2 cable and SCHUKO (CEE 7/VII) plug

Single-phase HYDRO 11XM with 4G1,5mm^2 cable, capacitor box and SCHUKO (CEE 7/VII) plug

Three-phase with 4G1mm^2 cable

LIMITS TO USE

Max temperature of the liquid pumped
+40°C

pH of the liquid pumped
6÷10

Max immersion depth
5 m

Liquid density
1,0 kg/dm^3

Min immersion depth for continuos service
329 mm

Free passage
6 mm

Max number starts/hour
20

Acoustic pressure level issued
<70dB(A)

MOTOR

The electric motor is asynchronous with squirrel cage rotor in dry chamber

Class of insulation F

Protection degree IP68

2pole; 50Hz

Main voltage values and relative tolerance in relation to the rated voltage value:

SINGLE-PHASE
230V ±6%
built-in overheating protection and float switch

THREE-PHASE
230V ±10%
400V ±10%

Other voltages on request.

OTHER FEATURES ON REQUEST

10m cable length in accordance with EN 60335-2-41

External capacitor with 4G1mm^2 cable

Frequency 60 Hz *(see specific catalogue)*

Other voltages

With food grade white oil

TECHNICAL DATA

MODEL	P1	P2		VOLTAGE	CURRENT	CAPACITOR		CABLE	WEIGHT
	kW	*kW*	*CV*	*V*	*A*	*µF*	*V*	*m*	*kg*
9XM	1,20	0,90	1,20	230 (1~)	5,6	20	450	5	18
9XT	1,20	0,90	1,20	230/400 (3~)	3,4/2	-	-	5	18
11XM	1,80	1,40	1,90	230 (1~)	8,8	25	450	5	20
11XT	1,80	1,40	1,90	230/400 (3~)	6,5/3,8	-	-	5	20

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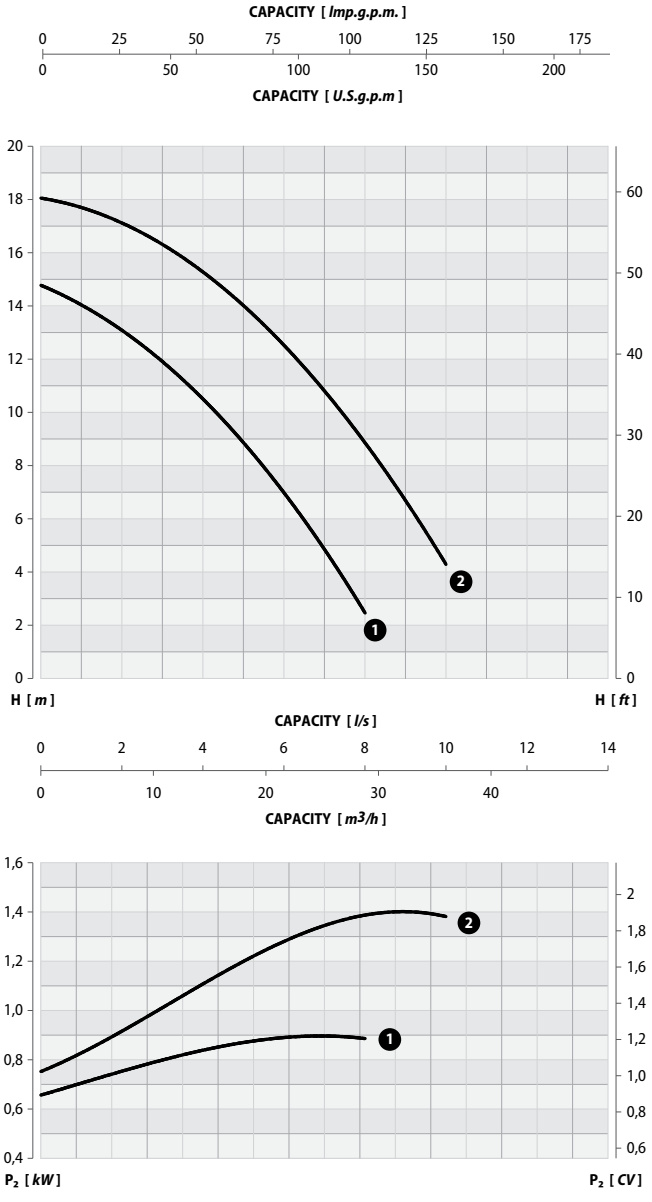
HYDRO SERIES	9XM-9XT-11XM-11XT	OPEN IMPELLER	50 Hz
			2 POLE

PERFORMANCE RANGE

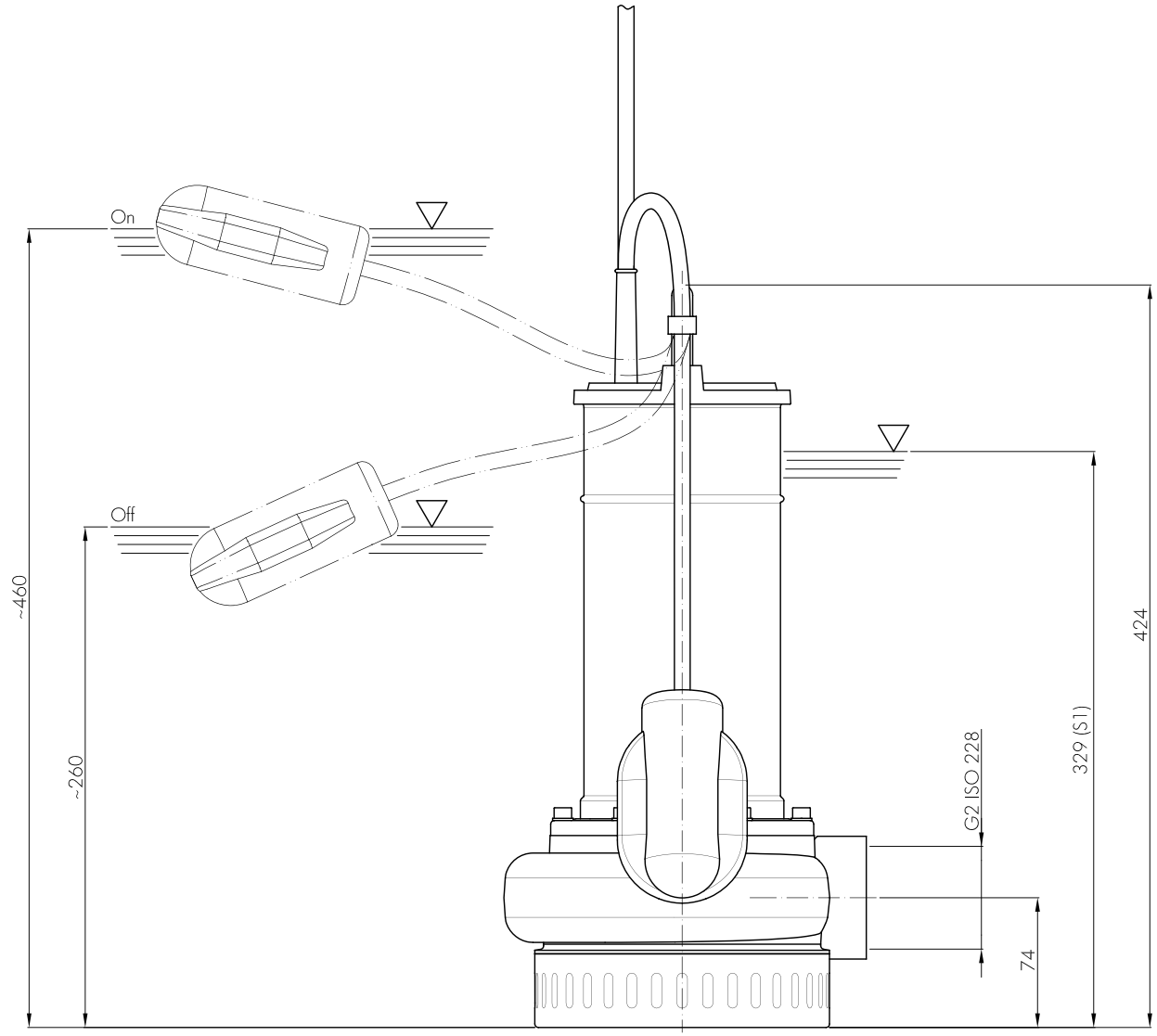
	CAPACITY														
l/s	0	1,0	1,5	2,0	2,5	3,0	3,5	4,0	4,5	5,0	6,0	7,0	8,0	9,0	10,0
m³/h	0	3,6	5,4	7,2	9,0	10,8	12,6	14,4	16,2	18,0	21,6	25,2	28,8	32,4	36,0
l/min	0	60	90	120	150	180	210	240	270	300	360	420	480	540	600

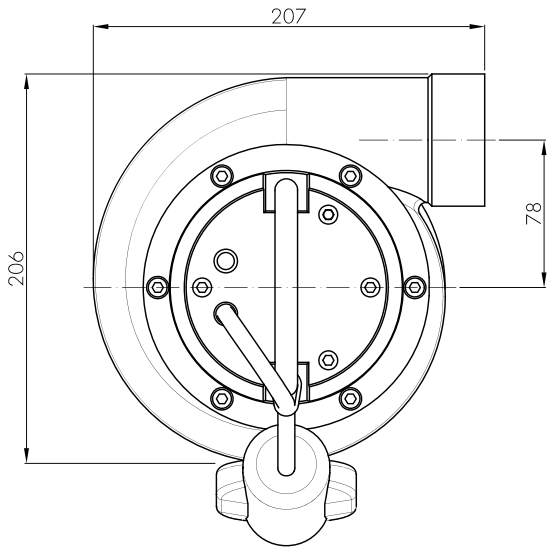
MODEL	CURVE *N°*	HEAD *m*													
9XM	1	14,8	14,0	13,5	13,2	12,5	12,0	11,1	10,6	9,7	8,7	7,2	4,7	2,5	-	-
9XT																
11XM	2	18,0	17,7	17,5	17,2	16,6	16,4	15,9	15,5	14,2	14,0	12,8	10,5	9,0	6,8	4,2
11XT																



Performance tolerance in according to UNI/ISO 9906 Grade 2

INSTALLATION DIMENSIONS





NOTES