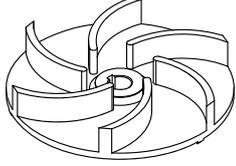


<b>HYDROPOMPE</b>	<b>VORTEX IMPELLER</b> 	<b>50 Hz</b>
<b>F SERIES</b>		<b>2 POLE</b>
<b>22XMV</b>		

**USE**

Submersible electric pump particularly suitable for the emptying of basements, garages, cellars and flooded premises.

**MATERIALS**

**Cover**  
Cast iron EN GJL 200 (UNI EN 1561)

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

**Impeller**  
Cast iron EN GJL 200 (UNI EN 1561)

**Seal motor side**  
Seal ring

**Mechanical seal impeller side**  
Steatite/Graphite

**Motor housing**  
Stainless steel AISI 304

**Motor shaft**  
Stainless steel AISI 416

**Bolts and nuts**  
Stainless steel Grade A2

**Cable**  
5 meters type H07RN-F 3G1mm<sup>2</sup> and SCHUKO plug

**LIMITS OF 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<sup>3</sup>

**Min immersion depth for continuous service**  
250 mm

**Free passage**  
30 mm

**Max number starts/hour**  
20

**Acoustic pressure level issued**  
<70dB(A)

**MOTOR**

The electric motor is asynchronous with squirrel cage rotor in oil bath  
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

Other voltages on request.

**OTHER FEATURES ON REQUEST**

10m cable length in accordance with EN 60335-2-41  
Silicon carbide (SiC/SiC) mechanical seal  
Frequency 60 Hz (*see specific catalogue*)  
Other voltages  
With food grade white oil

**TECHNICAL DATA**

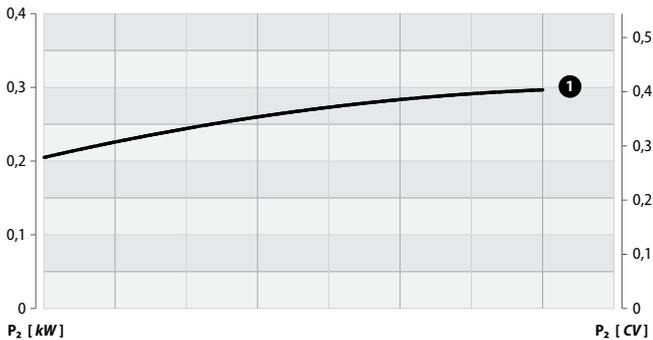
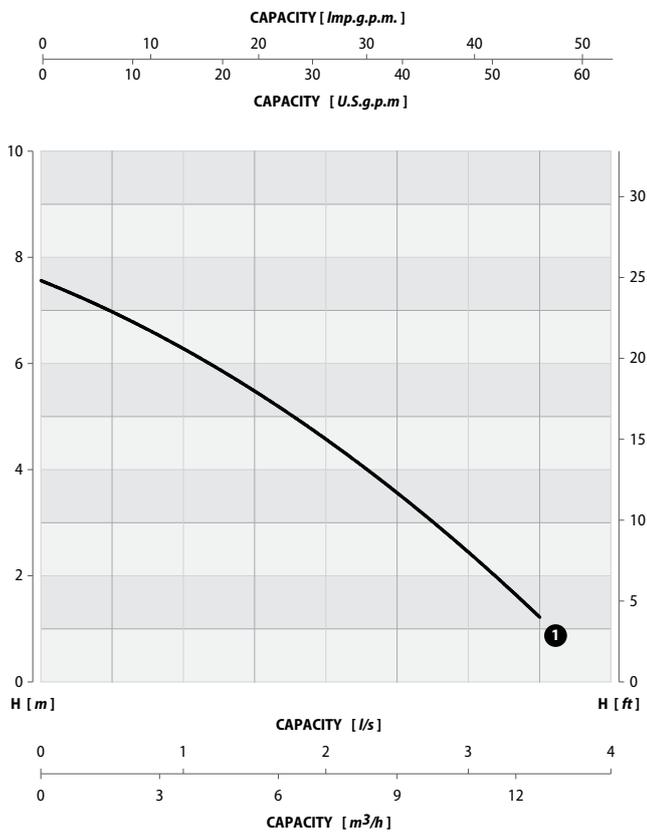
MODEL	P1		P2		VOLTAGE V	CURRENT A	CAPACITOR		CABLE m	WEIGHT kg
	kW		kW	CV			µF	V		
<b>22XMV</b>	0,57		0,30	0,40	230 (1~)	2,8	8	450	5	11

<b>F SERIES</b>	<b>22XMV</b>		<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
				<b>2 POLE</b>

**PERFORMANCE RANGE**

CAPACITY								
<i>l/s</i>	0	0,5	1	1,5	2	2,5	3,0	3,5
<i>m³/h</i>	0	1,8	3,6	5,4	7,2	9,0	10,8	12,6
<i>l/min</i>	0	30	60	90	120	150	180	210

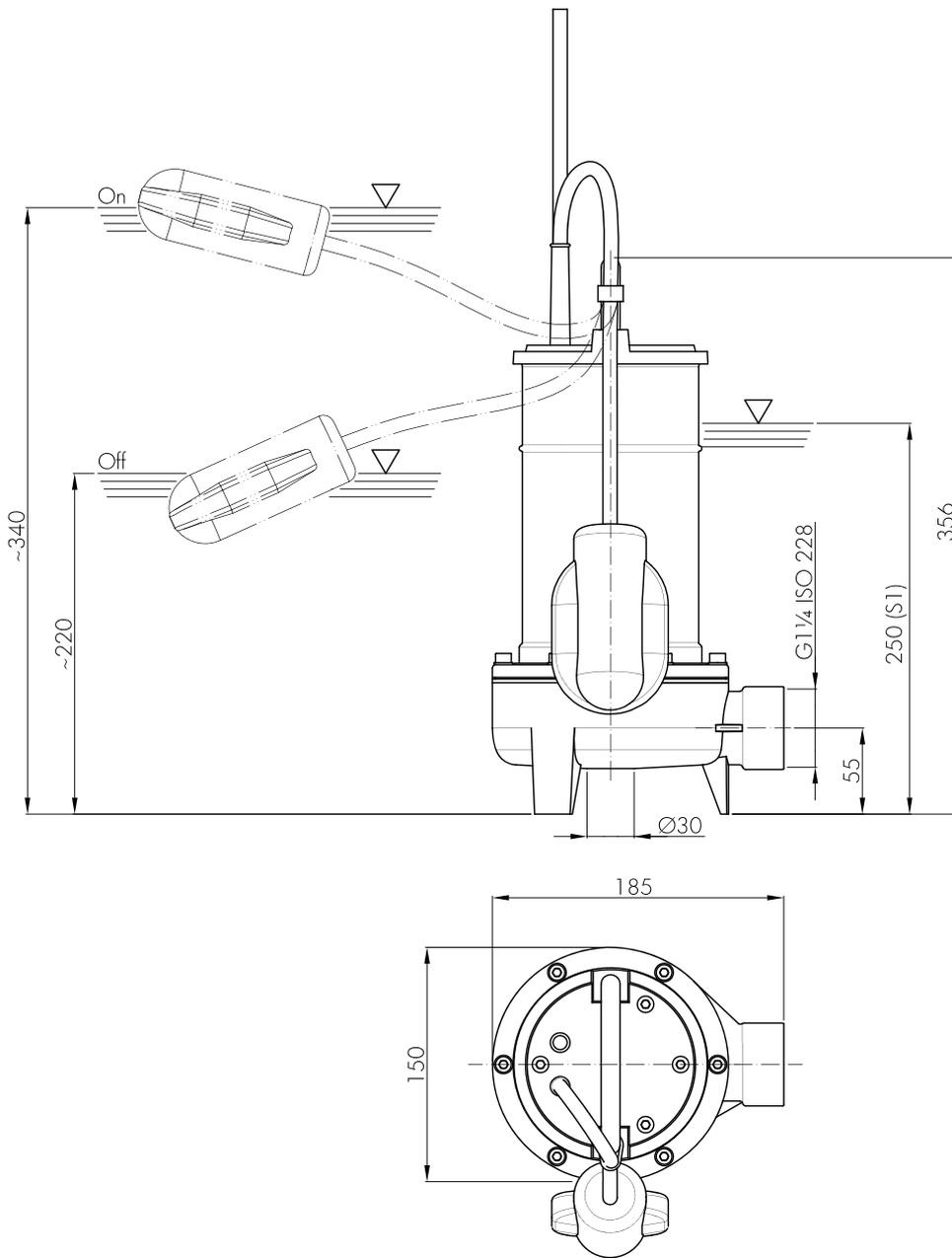
MODEL	CURVE <i>N°</i>	HEAD <i>m</i>							
		22XMV	1	7,6	6,9	6,3	5,5	4,6	3,5



Performance tolerance in according to UNI/ISO 9906 Grade 2

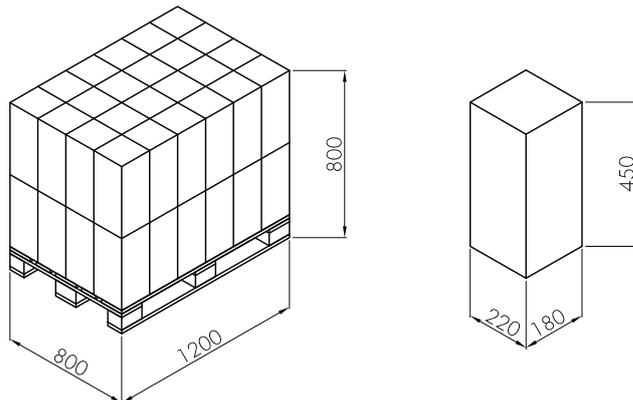
<b>F SERIES</b>	<b>22XMV</b>		<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
				<b>2 POLE</b>

**INSTALLATION DIMENSIONS**



**PACKAGING DIMENSIONS**

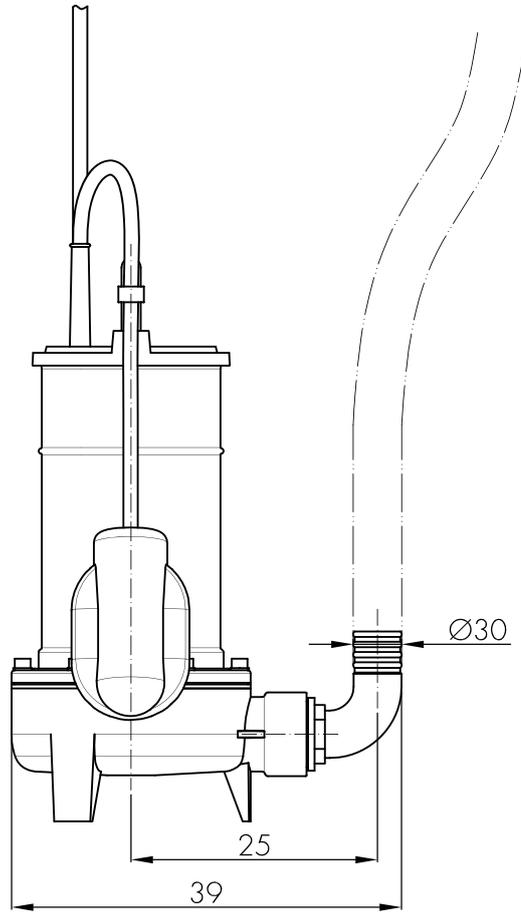
MODEL	PUMPS N°	WEIGHT kg
22XMV	32	400



<b>F SERIES</b>	<b>22XMV</b>	 <b>VORTEX IMPELLER</b>	<b>50 Hz</b>
			<b>2 POLE</b>

**PORTABLE INSTALLATION**

Transportable as emergency pump with connection to the hose and for free installation in the well.



**NOTES**



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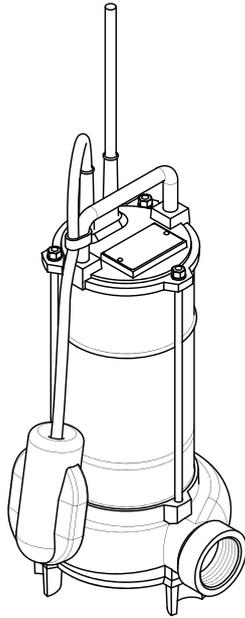
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<b>HYDROPOMPE</b>	<b>VORTEX IMPELLER</b>  	<b>50 Hz</b>
<b>F SERIES</b>		<b>2 POLE</b>
<b>42XM-62XM-82XM-82XT</b>		

#### USE

Submersible electric pump particularly suitable for the emptying of basements, garages, cellars and flooded premises.

#### MATERIALS

##### Cover

Cast iron EN GJL 200 (UNI EN 1561)

##### Pump housing

Cast iron EN GJL 200 (UNI EN 1561)

##### Supporting foot

Cast iron EN GJL 200 (UNI EN 1561)

##### Impeller

Cast iron EN GJL 200 (UNI EN 1561)

##### Seal motor side

Seal ring

##### Mechanical seal impeller side

Steatite/Graphite

##### Motor housing

Stainless steel AISI 304

##### Motor shaft

Stainless steel AISI 416

##### Bolts and nuts

Stainless steel Grade A2

##### Cable

5 meters type H07RN-F

Single-phase with 3G1mm<sup>2</sup> cable and SCHUKO (CEE 7/VII) plug

Three-phase with 4G1mm<sup>2</sup> 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<sup>3</sup>

##### Min immersion depth for continuous service

280 mm

##### Free passage

40 mm

##### Max number starts/hour

20

##### Acoustic pressure level issued

<70dB(A)

#### MOTOR

The electric motor is asynchronous with squirrel cage rotor in oil bath

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

Silicon carbide (SiC/SiC) mechanical seal

Frequency 60 Hz (*see specific catalogue*)

Other voltages

With food grade white oil

#### TECHNICAL DATA

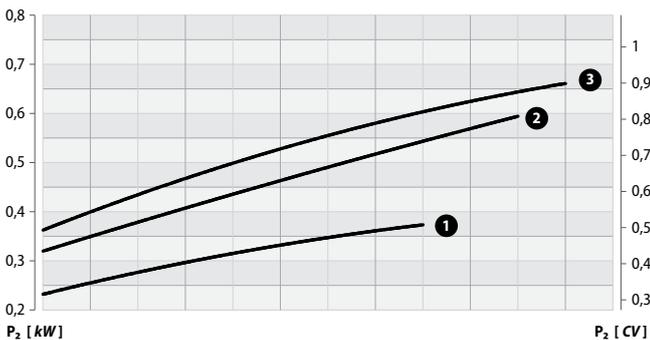
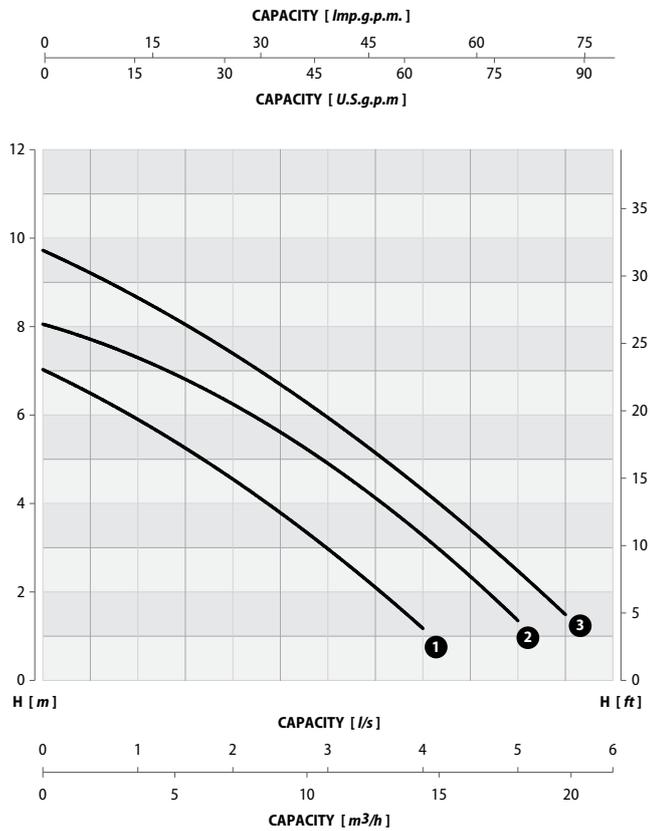
MODEL	P1 kW	P2		VOLTAGE V	CURRENT A	CAPACITOR		CABLE m	WEIGHT kg
		kW	CV			µF	V		
<b>42XM</b>	0,58	0,37	0,50	230 (1~)	3,0	8	450	5	13
<b>62XM</b>	0,72	0,60	0,80	230 (1~)	3,7	10	450	5	13
<b>82XM</b>	0,88	0,70	0,95	230 (1~)	4,8	14	450	5	14
<b>82XT</b>	0,88	0,70	0,95	230/400 (3~)	3,1/1,8	-	-	5	14

<b>F SERIES</b>	<b>42XM-62XM-82XM-82XT</b>		<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
				<b>2 POLE</b>

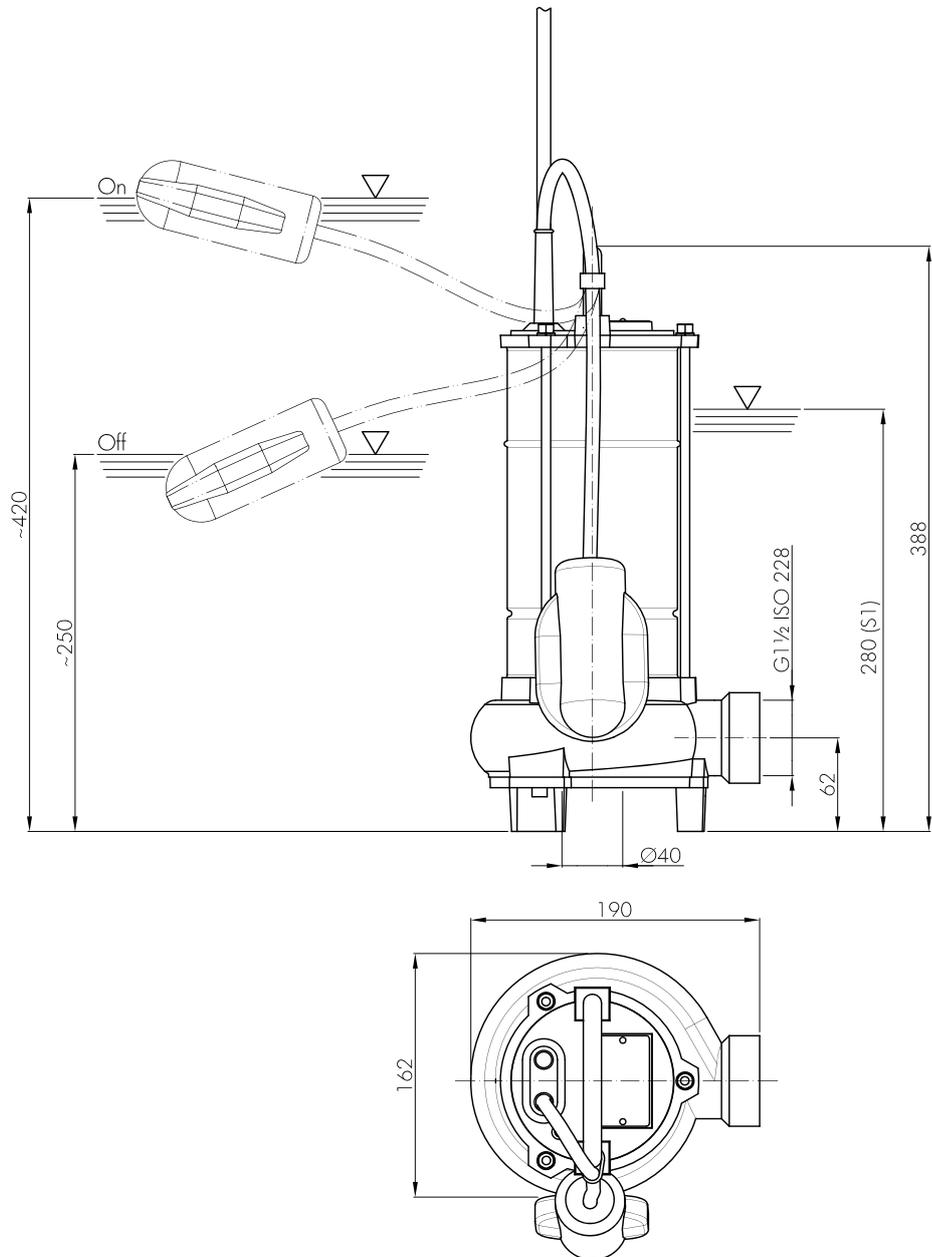
**PERFORMANCE RANGE**

CAPACITY													
<i>l/s</i>	0	0,5	1	1,5	2	2,5	3,0	3,5	4,0	4,5	5,0	5,5	
<i>m³/h</i>	0	1,8	3,6	5,4	7,2	9,0	10,8	12,6	14,4	16,2	18,0	19,8	
<i>l/min</i>	0	30	60	90	120	150	180	210	240	270	300	330	

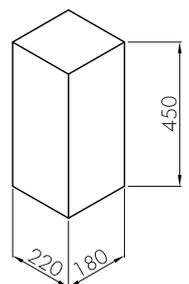
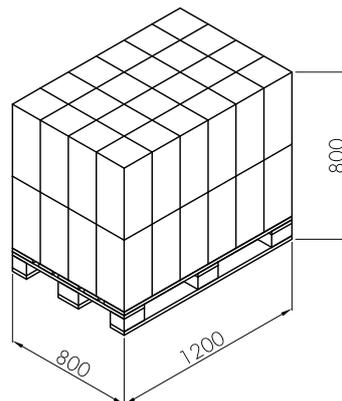
MODEL	CURVE <i>N°</i>	HEAD <i>m</i>											
		42XM	1	7,0	6,5	6,0	5,2	4,5	3,8	3,0	2,1	-	-
62XM	2	8,1	7,8	7,1	6,8	6,2	5,7	5,0	4,1	3,3	2,3	-	-
82XM	3	9,8	9,0	8,7	8,1	7,5	6,8	5,9	5,0	4,2	3,5	2,5	1,5
82XT													



Performance tolerance in according to UNI/ISO 9906 Grade 2

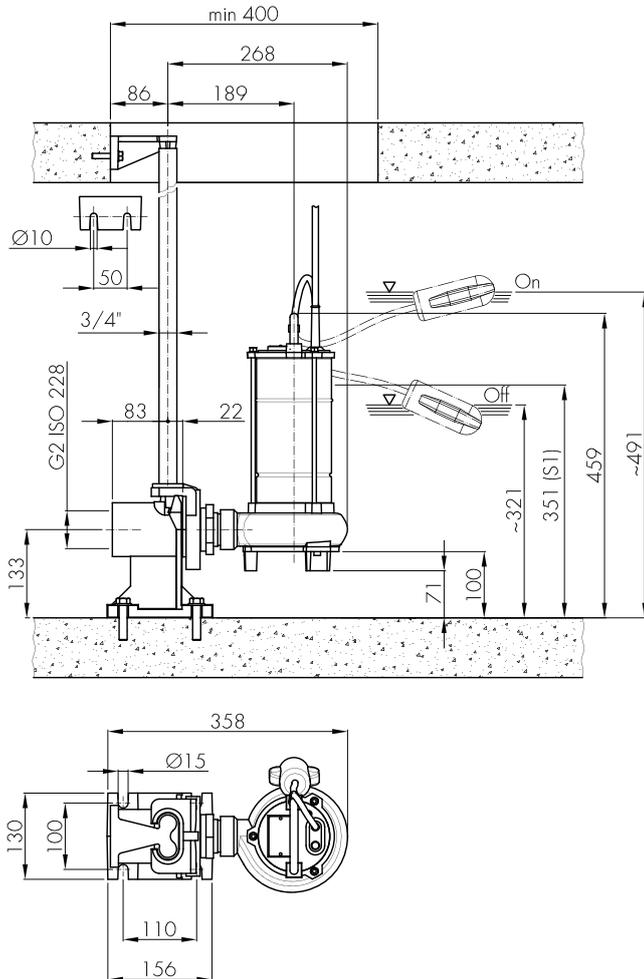
**F SERIES****42XM-62XM-82XM-82XT****VORTEX IMPELLER****50 Hz****2 POLE****INSTALLATION DIMENSIONS****PACKAGING DIMENSIONS**

MODEL	PUMPS N°	WEIGHT kg
42XM	32	460
62XM	32	460
82XM	32	500
82XT	32	500

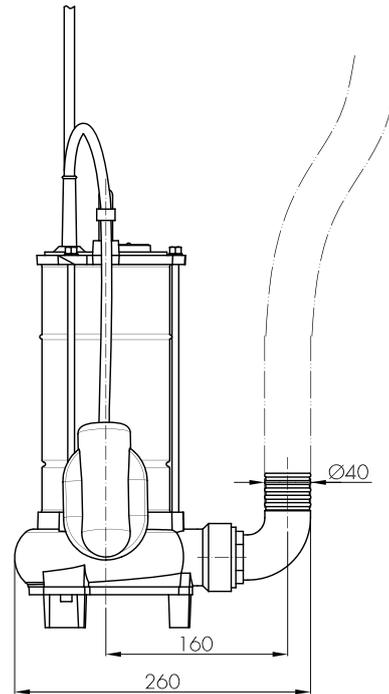


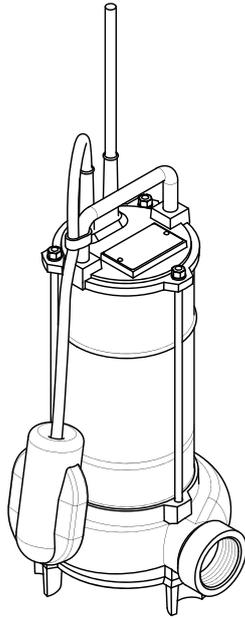
**F SERIES****42XM-62XM-82XM-82XT****VORTEX IMPELLER****50 Hz****2 POLE****PERMANENT INSTALLATION WITH COUPLING SYSTEM**

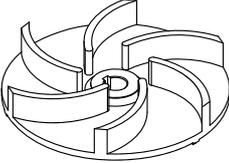
It is the recommended installation for the permanent pumping station. The electric pump is guided by two pipes and it is connected automatically to the coupling system. The quick connection ensures that the pump can be easily removed and re-installed.

**PORTABLE INSTALLATION**

Transportable as emergency pump with connection to the hose and for free installation in the well.

**NOTES**



<b>HYDROPOMPE</b>	<b>VORTEX IMPELLER</b>  	<b>50 Hz</b>
<b>F SERIES</b>		<b>2 POLE</b>
<b>42XM-62XM-82XM-82XT</b>		

#### USE

Submersible electric pump particularly suitable for the emptying of basements, garages, cellars and flooded premises.

#### MATERIALS

##### Cover

Cast iron EN GJL 200 (UNI EN 1561)

##### Pump housing

Cast iron EN GJL 200 (UNI EN 1561)

##### Supporting foot

Cast iron EN GJL 200 (UNI EN 1561)

##### Impeller

Cast iron EN GJL 200 (UNI EN 1561)

##### Seal motor side

Seal ring

##### Mechanical seal impeller side

Steatite/Graphite

##### Motor housing

Stainless steel AISI 304

##### Motor shaft

Stainless steel AISI 416

##### Bolts and nuts

Stainless steel Grade A2

##### Cable

5 meters type H07RN-F

Single-phase with 3G1mm<sup>2</sup> cable and SCHUKO (CEE 7/VII) plug

Three-phase with 4G1mm<sup>2</sup> 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<sup>3</sup>

##### Min immersion depth for continuous service

280 mm

##### Free passage

40 mm

##### Max number starts/hour

20

##### Acoustic pressure level issued

<70dB(A)

#### MOTOR

The electric motor is asynchronous with squirrel cage rotor in oil bath

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

Silicon carbide (SiC/SiC) mechanical seal

Frequency 60 Hz (*see specific catalogue*)

Other voltages

With food grade white oil

#### TECHNICAL DATA

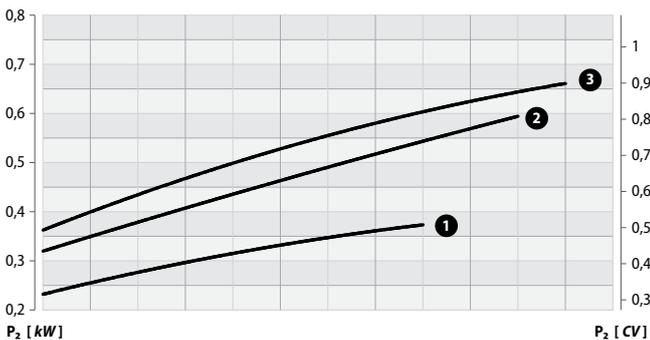
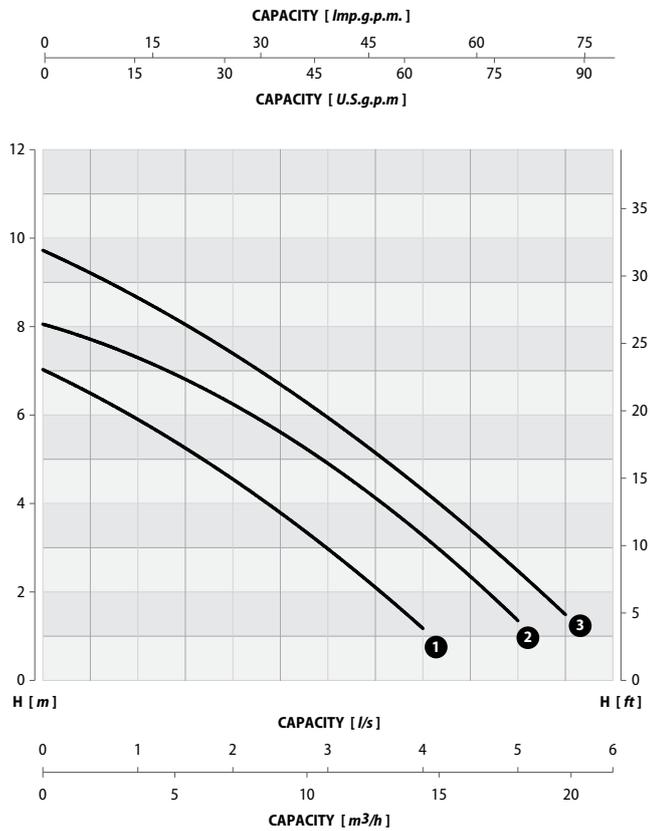
MODEL	P1 kW	P2		VOLTAGE V	CURRENT A	CAPACITOR		CABLE m	WEIGHT kg
		kW	CV			µF	V		
<b>42XM</b>	0,58	0,37	0,50	230 (1~)	3,0	8	450	5	13
<b>62XM</b>	0,72	0,60	0,80	230 (1~)	3,7	10	450	5	13
<b>82XM</b>	0,88	0,70	0,95	230 (1~)	4,8	14	450	5	14
<b>82XT</b>	0,88	0,70	0,95	230/400 (3~)	3,1/1,8	-	-	5	14

<b>F SERIES</b>	<b>42XM-62XM-82XM-82XT</b>		<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
				<b>2 POLE</b>

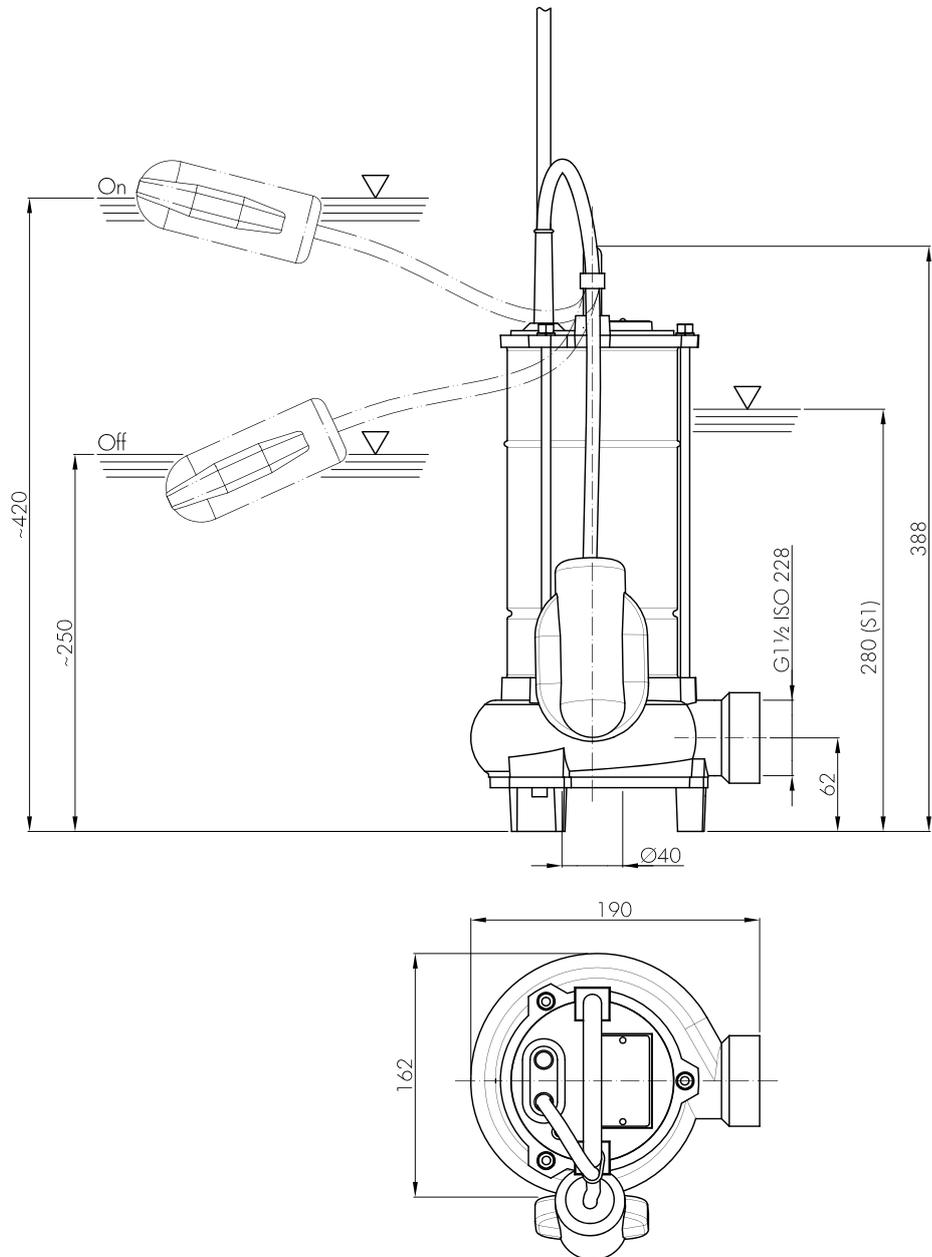
**PERFORMANCE RANGE**

CAPACITY													
<i>l/s</i>	0	0,5	1	1,5	2	2,5	3,0	3,5	4,0	4,5	5,0	5,5	
<i>m³/h</i>	0	1,8	3,6	5,4	7,2	9,0	10,8	12,6	14,4	16,2	18,0	19,8	
<i>l/min</i>	0	30	60	90	120	150	180	210	240	270	300	330	

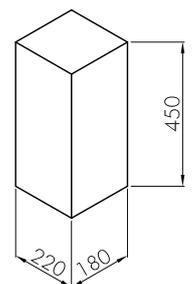
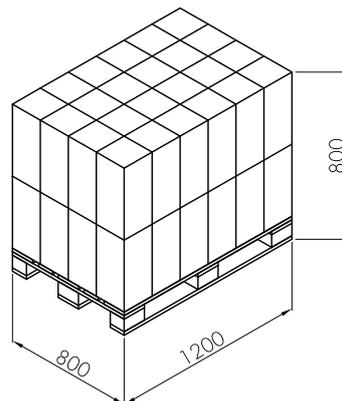
MODEL	CURVE N°	HEAD m											
		42XM	1	7,0	6,5	6,0	5,2	4,5	3,8	3,0	2,1	-	-
62XM	2	8,1	7,8	7,1	6,8	6,2	5,7	5,0	4,1	3,3	2,3	-	-
82XM	3	9,8	9,0	8,7	8,1	7,5	6,8	5,9	5,0	4,2	3,5	2,5	1,5
82XT													



Performance tolerance in according to UNI/ISO 9906 Grade 2

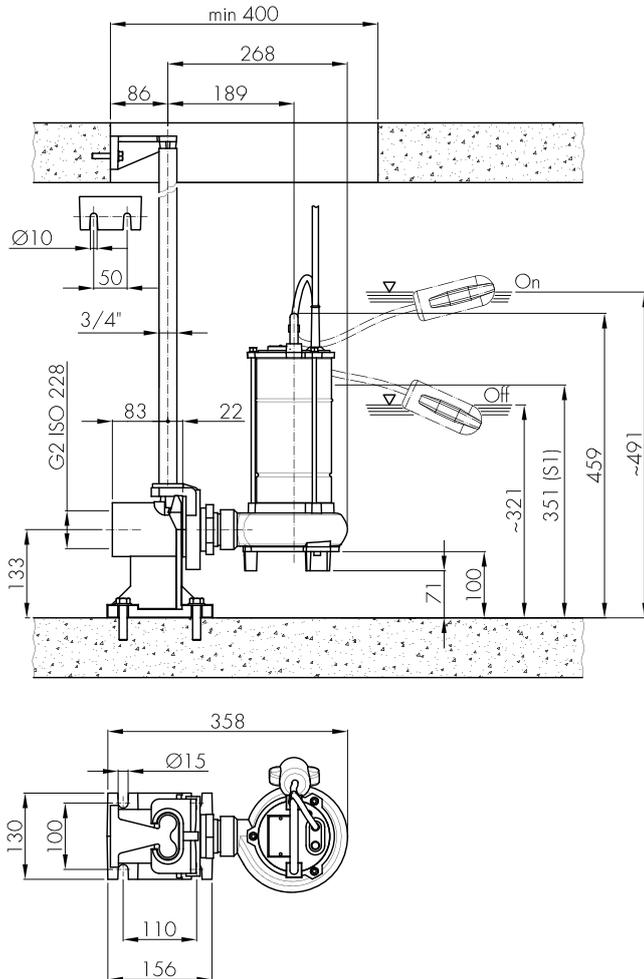
**F SERIES****42XM-62XM-82XM-82XT****VORTEX IMPELLER****50 Hz****2 POLE****INSTALLATION DIMENSIONS****PACKAGING DIMENSIONS**

MODEL	PUMPS N°	WEIGHT kg
42XM	32	460
62XM	32	460
82XM	32	500
82XT	32	500

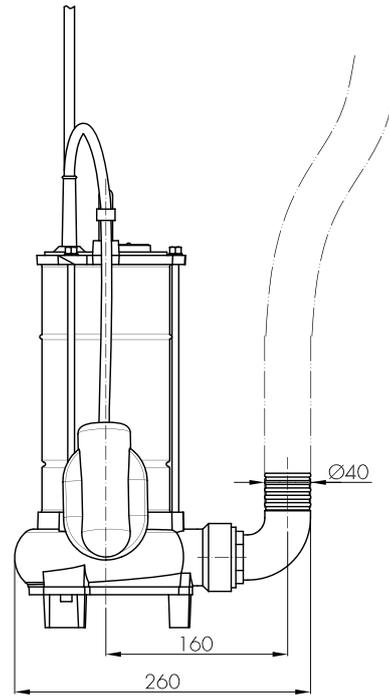


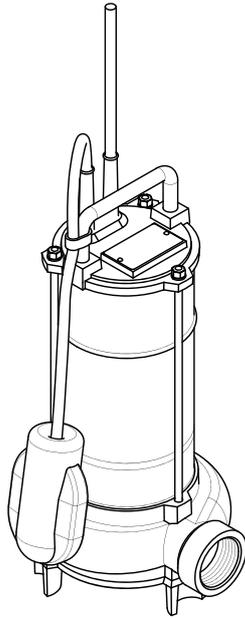
**F SERIES****42XM-62XM-82XM-82XT****VORTEX IMPELLER****50 Hz****2 POLE****PERMANENT INSTALLATION WITH COUPLING SYSTEM**

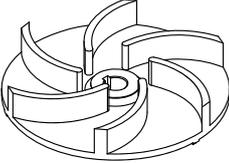
It is the recommended installation for the permanent pumping station. The electric pump is guided by two pipes and it is connected automatically to the coupling system. The quick connection ensures that the pump can be easily removed and re-installed.

**PORTABLE INSTALLATION**

Transportable as emergency pump with connection to the hose and for free installation in the well.

**NOTES**



<b>HYDROPOMPE</b>	<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
<b>F SERIES</b>		<b>2 POLE</b>
<b>42XM-62XM-82XM-82XT</b>		

#### USE

Submersible electric pump particularly suitable for the emptying of basements, garages, cellars and flooded premises.

#### MATERIALS

##### Cover

Cast iron EN GJL 200 (UNI EN 1561)

##### Pump housing

Cast iron EN GJL 200 (UNI EN 1561)

##### Supporting foot

Cast iron EN GJL 200 (UNI EN 1561)

##### Impeller

Cast iron EN GJL 200 (UNI EN 1561)

##### Seal motor side

Seal ring

##### Mechanical seal impeller side

Steatite/Graphite

##### Motor housing

Stainless steel AISI 304

##### Motor shaft

Stainless steel AISI 416

##### Bolts and nuts

Stainless steel Grade A2

##### Cable

5 meters type H07RN-F

Single-phase with 3G1mm<sup>2</sup> cable and SCHUKO (CEE 7/VII) plug

Three-phase with 4G1mm<sup>2</sup> 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<sup>3</sup>

##### Min immersion depth for continuous service

280 mm

##### Free passage

40 mm

##### Max number starts/hour

20

##### Acoustic pressure level issued

<70dB(A)

#### MOTOR

The electric motor is asynchronous with squirrel cage rotor in oil bath

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

Silicon carbide (SiC/SiC) mechanical seal

Frequency 60 Hz (*see specific catalogue*)

Other voltages

With food grade white oil

#### TECHNICAL DATA

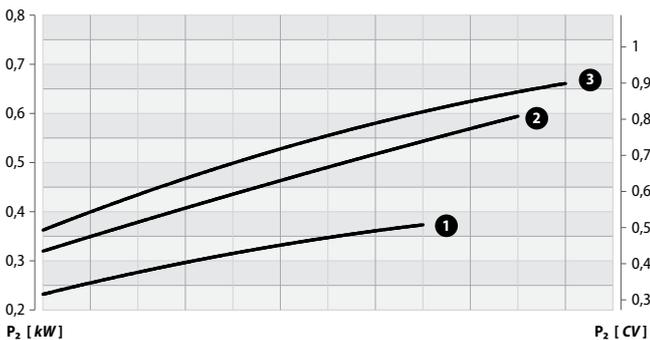
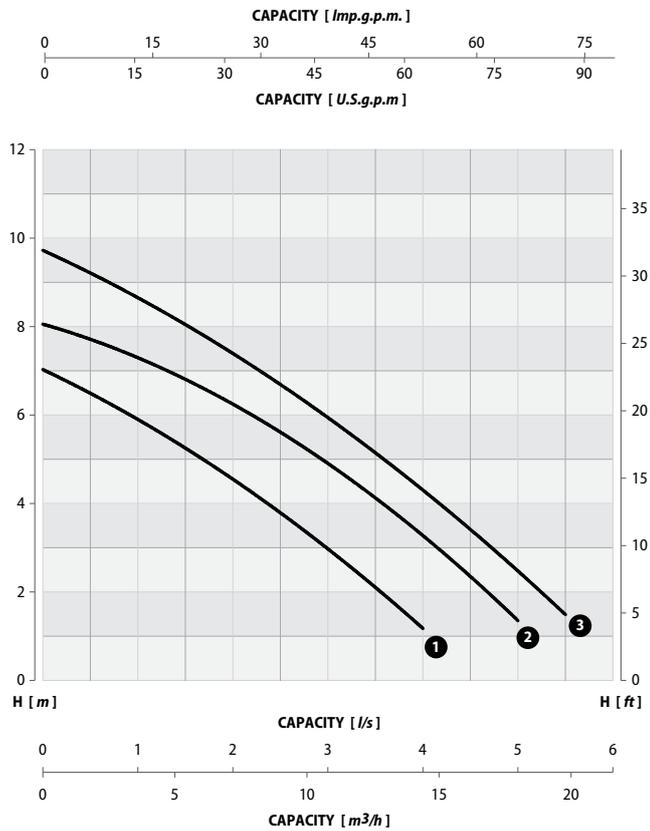
MODEL	P1 kW	P2		VOLTAGE V	CURRENT A	CAPACITOR		CABLE m	WEIGHT kg
		kW	CV			µF	V		
<b>42XM</b>	0,58	0,37	0,50	230 (1~)	3,0	8	450	5	13
<b>62XM</b>	0,72	0,60	0,80	230 (1~)	3,7	10	450	5	13
<b>82XM</b>	0,88	0,70	0,95	230 (1~)	4,8	14	450	5	14
<b>82XT</b>	0,88	0,70	0,95	230/400 (3~)	3,1/1,8	-	-	5	14

<b>F SERIES</b>	<b>42XM-62XM-82XM-82XT</b>		<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
				<b>2 POLE</b>

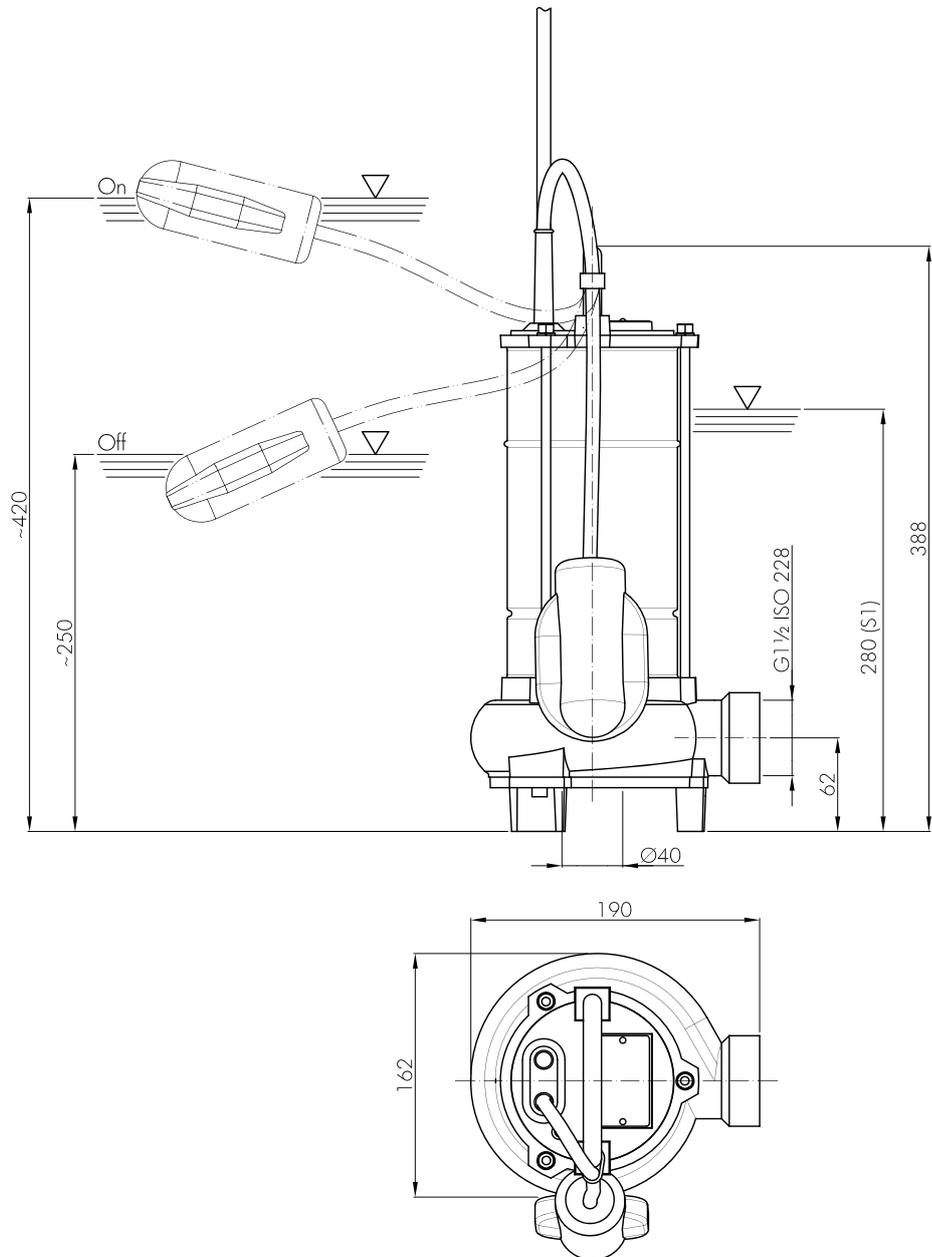
**PERFORMANCE RANGE**

CAPACITY													
<i>l/s</i>	0	0,5	1	1,5	2	2,5	3,0	3,5	4,0	4,5	5,0	5,5	
<i>m³/h</i>	0	1,8	3,6	5,4	7,2	9,0	10,8	12,6	14,4	16,2	18,0	19,8	
<i>l/min</i>	0	30	60	90	120	150	180	210	240	270	300	330	

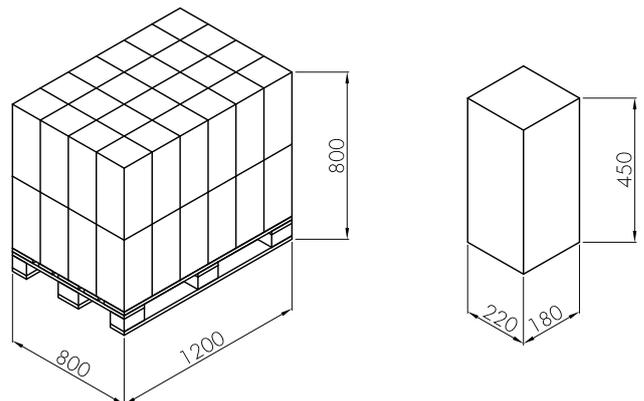
MODEL	CURVE <i>N°</i>	HEAD <i>m</i>											
		42XM	1	7,0	6,5	6,0	5,2	4,5	3,8	3,0	2,1	-	-
62XM	2	8,1	7,8	7,1	6,8	6,2	5,7	5,0	4,1	3,3	2,3	-	-
82XM	3	9,8	9,0	8,7	8,1	7,5	6,8	5,9	5,0	4,2	3,5	2,5	1,5
82XT													



Performance tolerance in according to UNI/ISO 9906 Grade 2

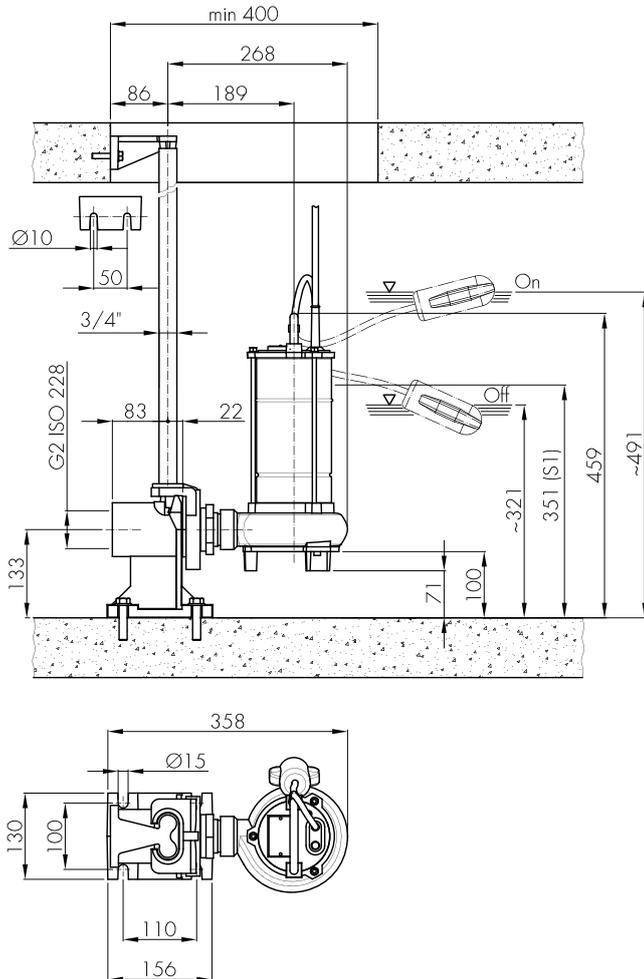
**F SERIES****42XM-62XM-82XM-82XT****VORTEX IMPELLER****50 Hz****2 POLE****INSTALLATION DIMENSIONS****PACKAGING DIMENSIONS**

MODEL	PUMPS N°	WEIGHT kg
42XM	32	460
62XM	32	460
82XM	32	500
82XT	32	500

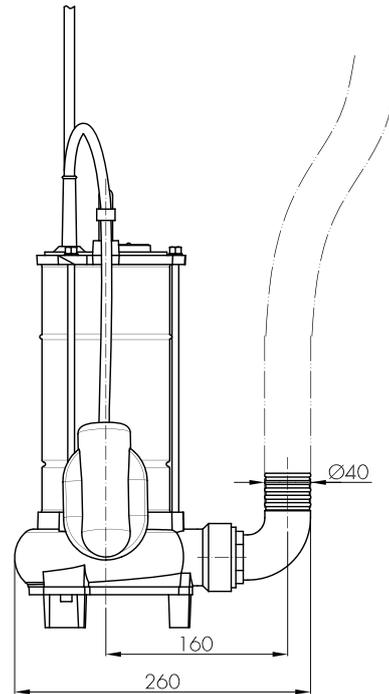


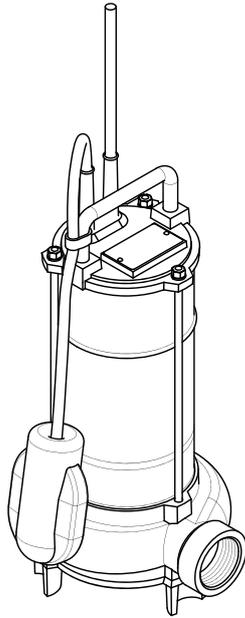
**F SERIES****42XM-62XM-82XM-82XT****VORTEX IMPELLER****50 Hz****2 POLE****PERMANENT INSTALLATION WITH COUPLING SYSTEM**

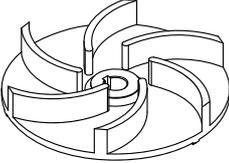
It is the recommended installation for the permanent pumping station. The electric pump is guided by two pipes and it is connected automatically to the coupling system. The quick connection ensures that the pump can be easily removed and re-installed.

**PORTABLE INSTALLATION**

Transportable as emergency pump with connection to the hose and for free installation in the well.

**NOTES**



<b>HYDROPOMPE</b>	<b>VORTEX IMPELLER</b>  	<b>50 Hz</b>
<b>F SERIES</b>		<b>2 POLE</b>
<b>42XM-62XM-82XM-82XT</b>		

#### USE

Submersible electric pump particularly suitable for the emptying of basements, garages, cellars and flooded premises.

#### MATERIALS

##### Cover

Cast iron EN GJL 200 (UNI EN 1561)

##### Pump housing

Cast iron EN GJL 200 (UNI EN 1561)

##### Supporting foot

Cast iron EN GJL 200 (UNI EN 1561)

##### Impeller

Cast iron EN GJL 200 (UNI EN 1561)

##### Seal motor side

Seal ring

##### Mechanical seal impeller side

Steatite/Graphite

##### Motor housing

Stainless steel AISI 304

##### Motor shaft

Stainless steel AISI 416

##### Bolts and nuts

Stainless steel Grade A2

##### Cable

5 meters type H07RN-F

Single-phase with 3G1mm<sup>2</sup> cable and SCHUKO (CEE 7/VII) plug

Three-phase with 4G1mm<sup>2</sup> 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<sup>3</sup>

##### Min immersion depth for continuous service

280 mm

##### Free passage

40 mm

##### Max number starts/hour

20

##### Acoustic pressure level issued

<70dB(A)

#### MOTOR

The electric motor is asynchronous with squirrel cage rotor in oil bath

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

Silicon carbide (SiC/SiC) mechanical seal

Frequency 60 Hz (*see specific catalogue*)

Other voltages

With food grade white oil

#### TECHNICAL DATA

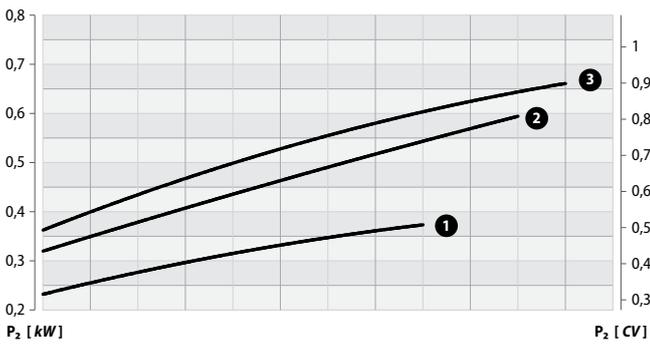
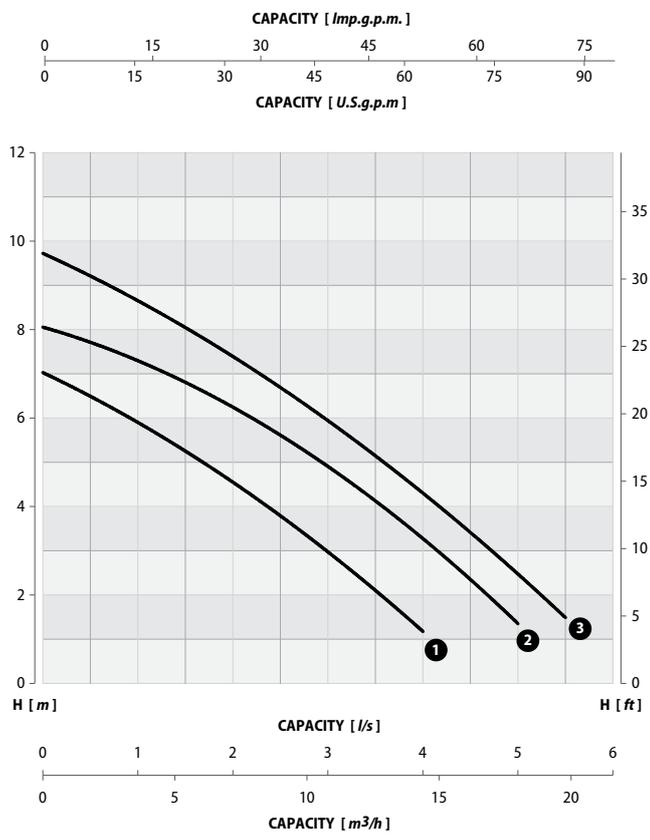
MODEL	P1 kW	P2		VOLTAGE V	CURRENT A	CAPACITOR		CABLE m	WEIGHT kg
		kW	CV			µF	V		
<b>42XM</b>	0,58	0,37	0,50	230 (1~)	3,0	8	450	5	13
<b>62XM</b>	0,72	0,60	0,80	230 (1~)	3,7	10	450	5	13
<b>82XM</b>	0,88	0,70	0,95	230 (1~)	4,8	14	450	5	14
<b>82XT</b>	0,88	0,70	0,95	230/400 (3~)	3,1/1,8	-	-	5	14

<b>F SERIES</b>	<b>42XM-62XM-82XM-82XT</b>		<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
				<b>2 POLE</b>

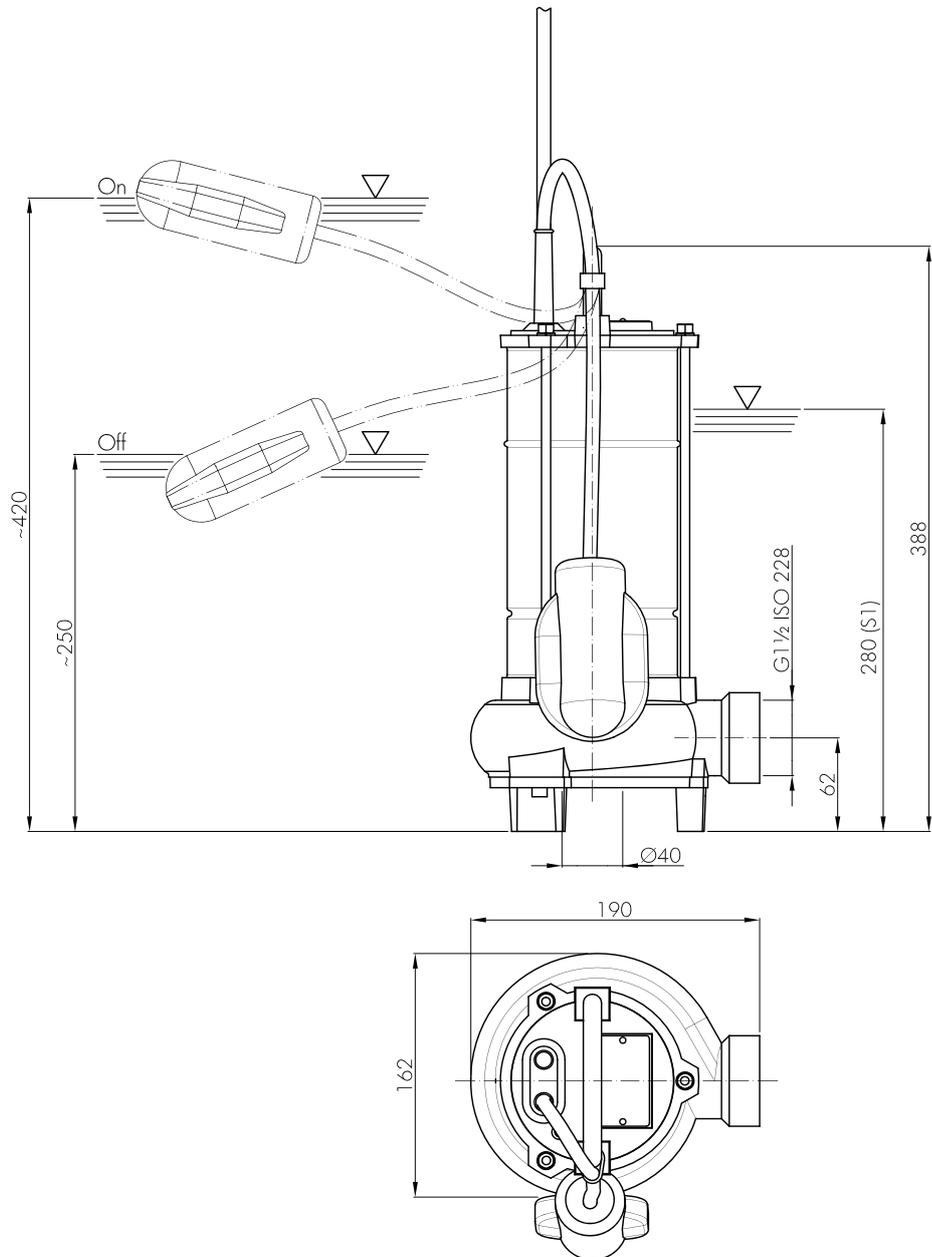
**PERFORMANCE RANGE**

CAPACITY													
<i>l/s</i>	0	0,5	1	1,5	2	2,5	3,0	3,5	4,0	4,5	5,0	5,5	
<i>m³/h</i>	0	1,8	3,6	5,4	7,2	9,0	10,8	12,6	14,4	16,2	18,0	19,8	
<i>l/min</i>	0	30	60	90	120	150	180	210	240	270	300	330	

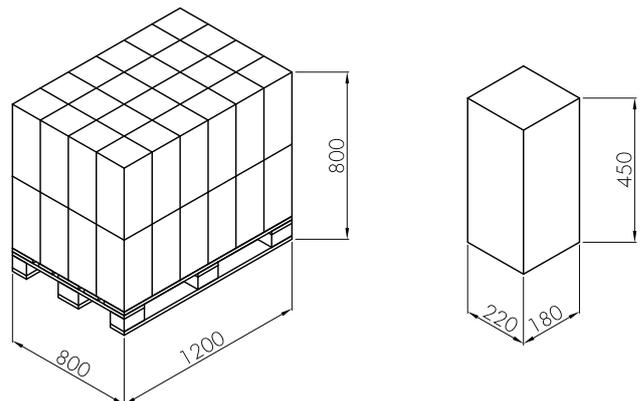
MODEL	CURVE <i>N°</i>	HEAD <i>m</i>											
		42XM	1	7,0	6,5	6,0	5,2	4,5	3,8	3,0	2,1	-	-
62XM	2	8,1	7,8	7,1	6,8	6,2	5,7	5,0	4,1	3,3	2,3	-	-
82XM	3	9,8	9,0	8,7	8,1	7,5	6,8	5,9	5,0	4,2	3,5	2,5	1,5
82XT													



Performance tolerance in according to UNI/ISO 9906 Grade 2

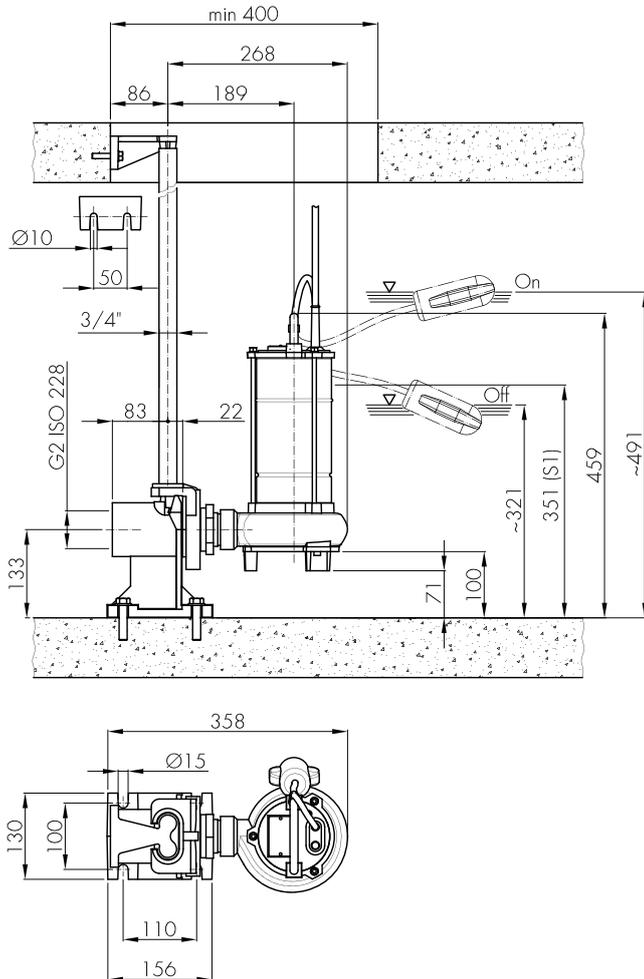
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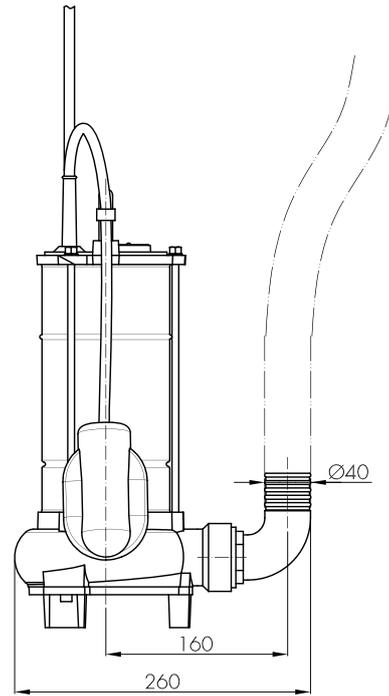


**F SERIES****42XM-62XM-82XM-82XT****VORTEX IMPELLER****50 Hz****2 POLE****PERMANENT INSTALLATION WITH COUPLING SYSTEM**

It is the recommended installation for the permanent pumping station. The electric pump is guided by two pipes and it is connected automatically to the coupling system. The quick connection ensures that the pump can be easily removed and re-installed.

**PORTABLE INSTALLATION**

Transportable as emergency pump with connection to the hose and for free installation in the well.

**NOTES**