

<b>HYDROPOMPE</b>	<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
<b>F SERIES</b>		<b>2 POLE</b>
<b>102MV-102TV-152MV-152TV 202MV-202TV</b>		

#### USE

Submersible electric pumps suitable for pumping screened waste water, draining the sewage of blocks of flats and houses and flooded premises in general.

#### MATERIALS

##### Cover

Cast iron EN GJL 200 (UNI EN 1561)

##### Motor housing

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)

##### Mechanical seal

Silicon Carbide/Silicon Carbide (SiC/SiC)

##### Motor shaft

Stainless steel AISI 416

##### Bolts and nuts

Stainless steel Grade A2

##### Cable

5 meters type H07RN-F

Single-phase with 4G1,5mm<sup>2</sup> cable, capacitor box and SCHUKO (CEE 7/VII) plug

Single-phase F202MV with 4G2,5mm<sup>2</sup> cable, capacitor box and SCHUKO (CEE 7/VII) plug

Three-phase with 4G1,5mm<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

20 m

##### Liquid density

1,0 kg/dm<sup>3</sup>

##### Min immersion depth for continuous service

102MV-102TV-152MV-152TV 353 mm

202MV-202TV 380 mm

##### Free passage

102MV-102TV-152MV-152TV 40 mm

202MV-202TV 50 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 to EN 60335-2-41

Frequency 60 Hz (*see specific catalogue*)

Other voltages

With food grade white oil

#### TECHNICAL DATA

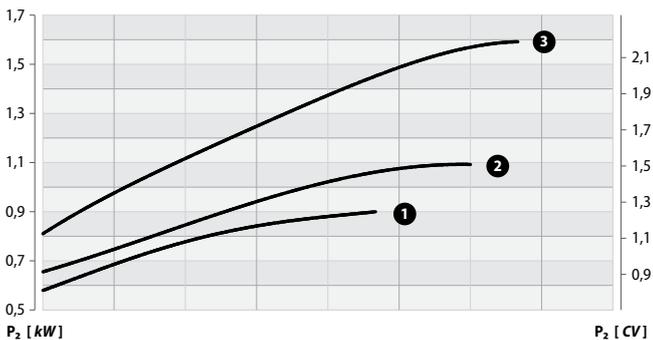
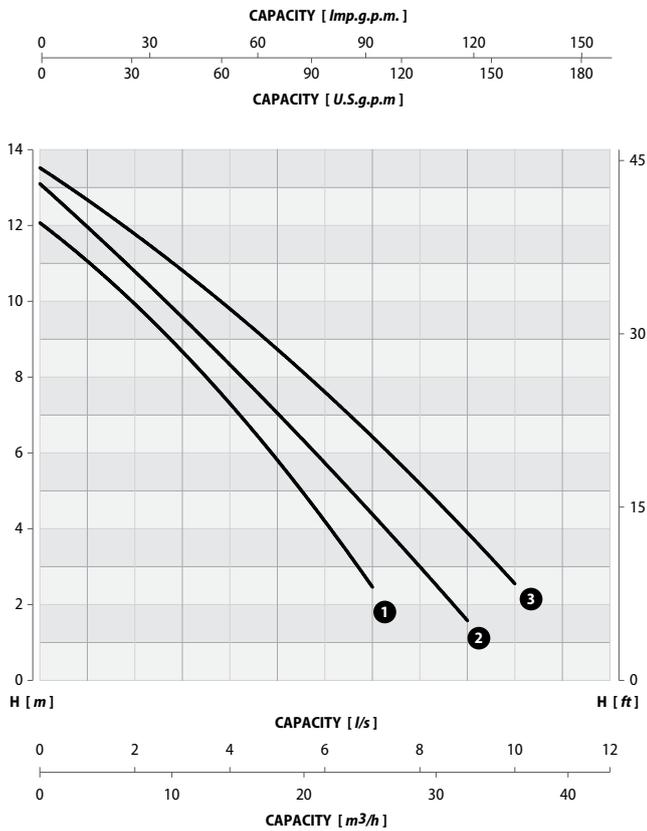
MODEL	P1 kW	P2		VOLTAGE V	CURRENT A	CAPACITOR		CABLE m	WEIGHT kg
		kW	CV			µF	V		
<b>102MV</b>	1,3	0,9	1,2	230 (1~)	5,8	25	450	5	29
<b>102TV</b>	1,3	0,9	1,2	230/400 (3~)	3,5/2,0	-	-	5	29
<b>152MV</b>	1,7	1,1	1,5	230 (1~)	7,0	30	450	5	29
<b>152TV</b>	1,6	1,1	1,5	230/400 (3~)	5,2/3,0	-	-	5	29
<b>202MV</b>	2,3	1,6	2,1	230 (1~)	11,0	40	450	5	35
<b>202TV</b>	2,2	1,6	2,1	230/400 (3~)	6,9/4,0	-	-	5	35

<b>F SERIES</b>	<b>102MV-102TV-152MV-152TV 202MV-202TV</b>		<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
				<b>2 POLE</b>

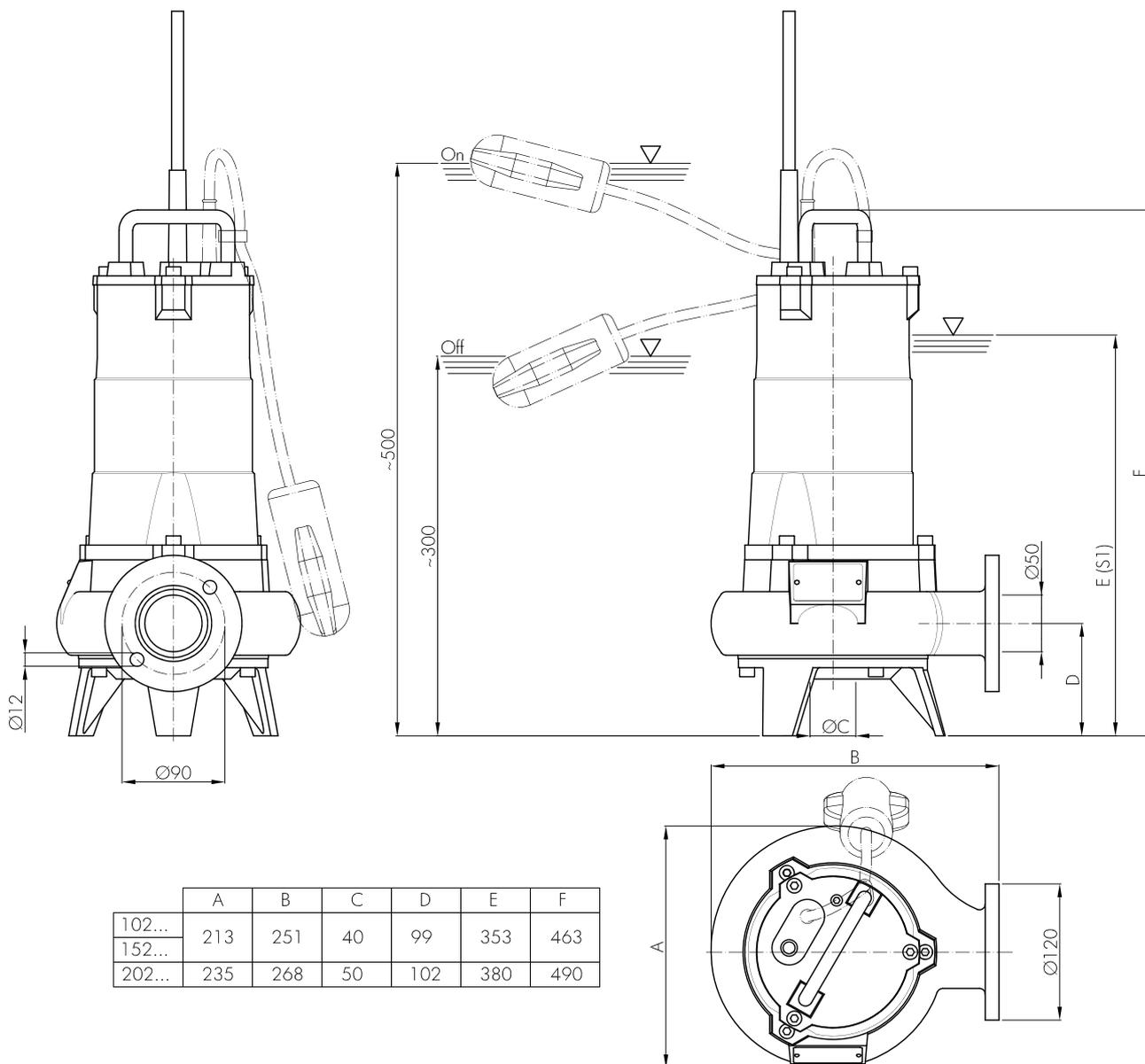
**PERFORMANCE RANGE**

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

MODEL	CURVE N°	HEAD m											
		102MV	1	12,2	11,0	9,8	8,5	7,4	6,0	4,3	2,3	-	-
102TV	152MV	2		13,0	12,0	11,0	9,5	8,3	7,0	5,7	4,4	3,0	1,6
152TV	202MV		3	14,0	12,5	11,5	10,5	9,6	8,7	7,8	6,8	5,5	4,0
202TV													



Performance tolerance in according to UNI/ISO 9906 Grade 2

**F SERIES****102MV-102TV-152MV-152TV  
202MV-202TV****VORTEX IMPELLER****50 Hz****2 POLE****INSTALLATION DIMENSIONS**

# F SERIES

102MV-102TV-152MV-152TV  
202MV-202TV



VORTEX IMPELLER

50 Hz

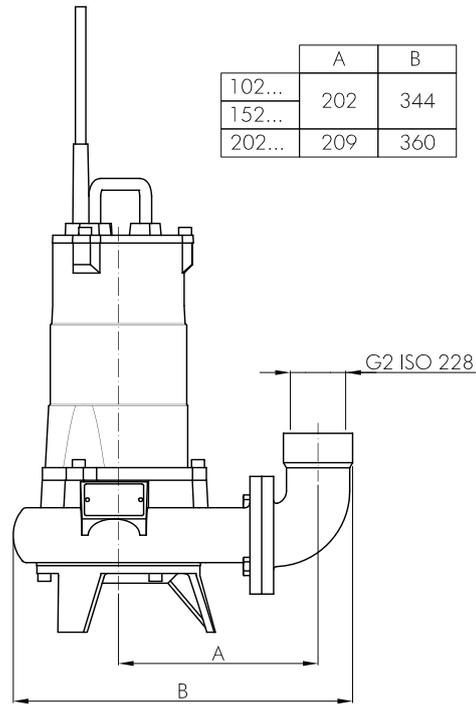
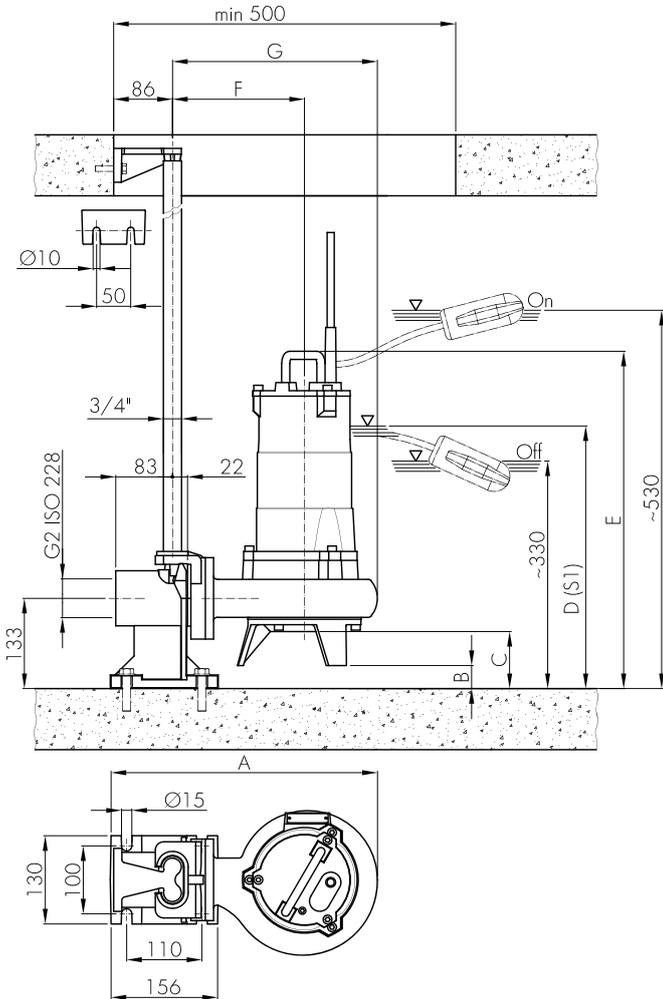
2 POLE

## 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.



	A	B	C	D	E	F	G
102...	390	34	84	387	497	193	300
152...	407	31	81	414	521	200	316

## NOTES

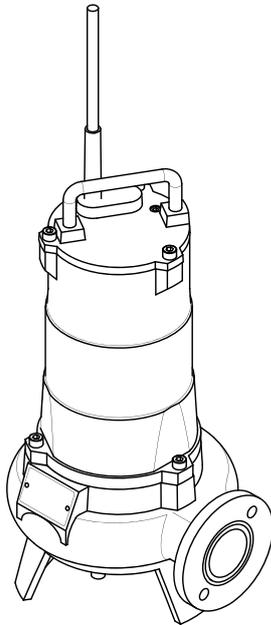


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<b>F SERIES</b>		<b>2 POLE</b>
<b>102MV-102TV-152MV-152TV 202MV-202TV</b>		

#### USE

Submersible electric pumps suitable for pumping screened waste water, draining the sewage of blocks of flats and houses and flooded premises in general.

#### MATERIALS

##### Cover

Cast iron EN GJL 200 (UNI EN 1561)

##### Motor housing

Cast iron EN GJL 200 (UNI EN 1561)

##### Pump housing

Cast iron EN GJL 200 (UNI EN 1561)

##### Supporting foot

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##### Impeller

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##### Mechanical seal

Silicon Carbide/Silicon Carbide (SiC/SiC)

##### Motor shaft

Stainless steel AISI 416

##### Bolts and nuts

Stainless steel Grade A2

##### Cable

5 meters type H07RN-F

Single-phase with 4G1,5mm<sup>2</sup> cable, capacitor box and SCHUKO (CEE 7/VII) plug

Single-phase F202MV with 4G2,5mm<sup>2</sup> cable, capacitor box and SCHUKO (CEE 7/VII) plug

Three-phase with 4G1,5mm<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

20 m

##### Liquid density

1,0 kg/dm<sup>3</sup>

##### Min immersion depth for continuous service

102MV-102TV-152MV-152TV 353 mm

202MV-202TV 380 mm

##### Free passage

102MV-102TV-152MV-152TV 40 mm

202MV-202TV 50 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 to EN 60335-2-41

Frequency 60 Hz (*see specific catalogue*)

Other voltages

With food grade white oil

#### TECHNICAL DATA

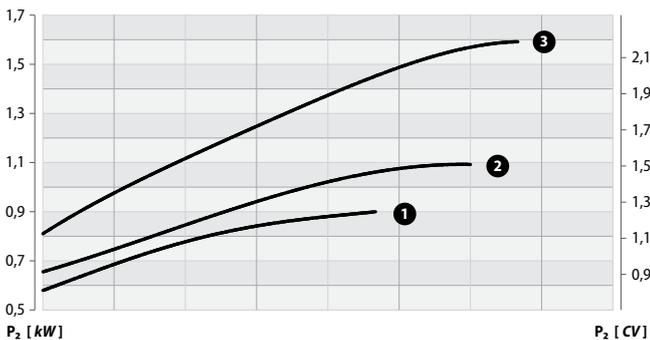
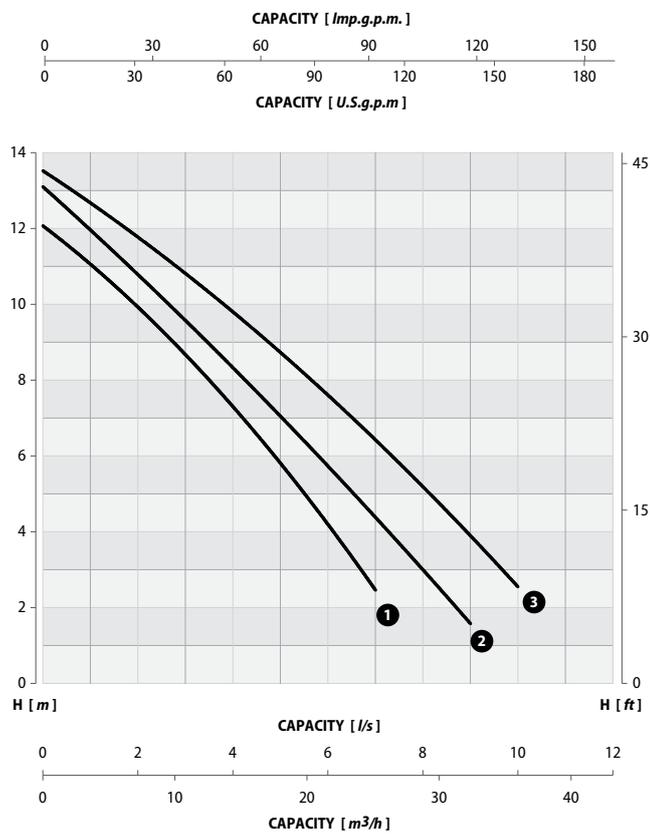
MODEL	P1 kW	P2		VOLTAGE V	CURRENT A	CAPACITOR		CABLE m	WEIGHT kg
		kW	CV			µF	V		
<b>102MV</b>	1,3	0,9	1,2	230 (1~)	5,8	25	450	5	29
<b>102TV</b>	1,3	0,9	1,2	230/400 (3~)	3,5/2,0	-	-	5	29
<b>152MV</b>	1,7	1,1	1,5	230 (1~)	7,0	30	450	5	29
<b>152TV</b>	1,6	1,1	1,5	230/400 (3~)	5,2/3,0	-	-	5	29
<b>202MV</b>	2,3	1,6	2,1	230 (1~)	11,0	40	450	5	35
<b>202TV</b>	2,2	1,6	2,1	230/400 (3~)	6,9/4,0	-	-	5	35

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				<b>2 POLE</b>

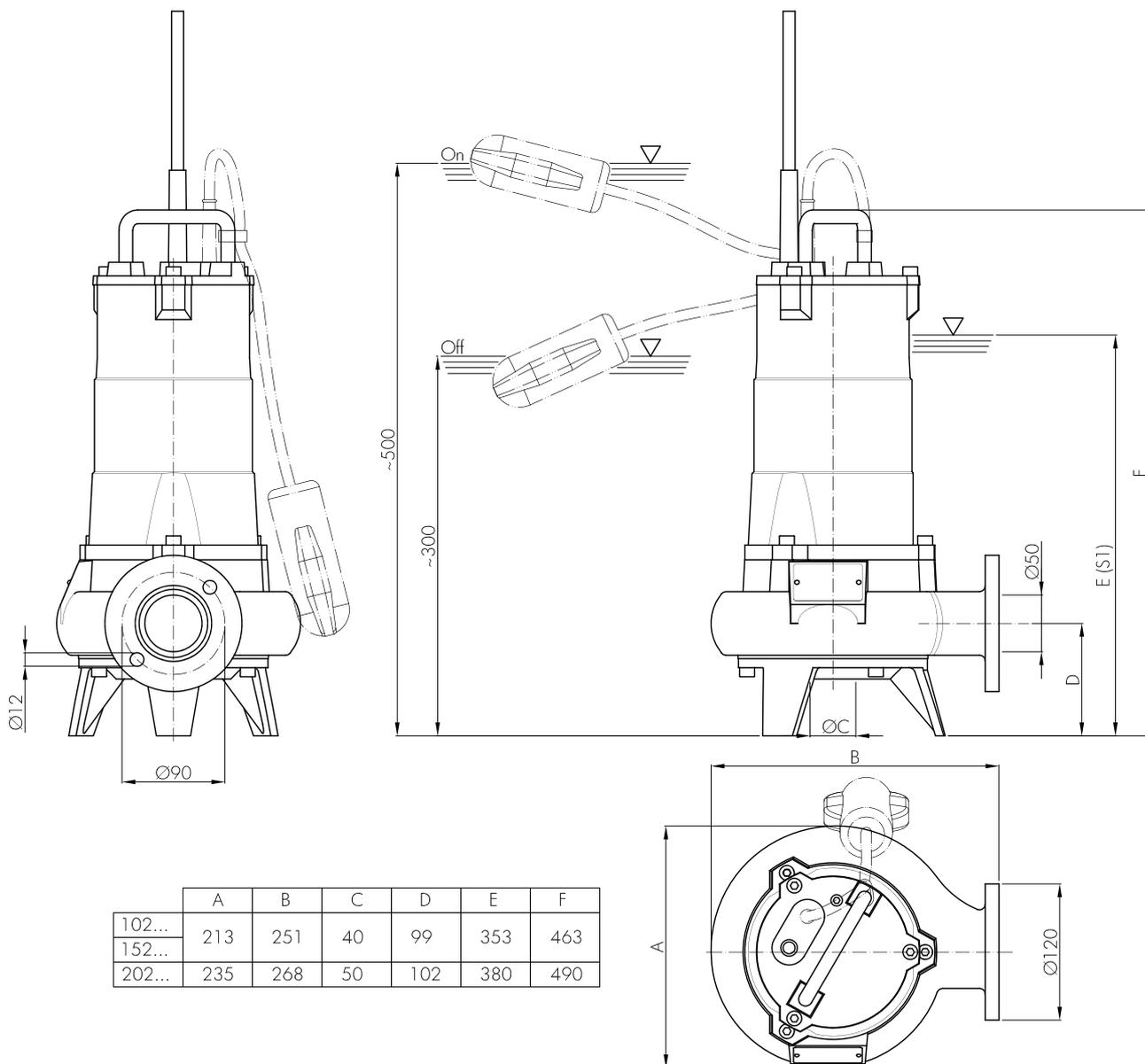
**PERFORMANCE RANGE**

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

MODEL	CURVE N°	HEAD m											
		102MV	1	12,2	11,0	9,8	8,5	7,4	6,0	4,3	2,3	-	-
102TV	152MV	2		13,0	12,0	11,0	9,5	8,3	7,0	5,7	4,4	3,0	1,6
152TV	202MV		3	14,0	12,5	11,5	10,5	9,6	8,7	7,8	6,8	5,5	4,0
202MV	202TV												



Performance tolerance in according to UNI/ISO 9906 Grade 2

**F SERIES****102MV-102TV-152MV-152TV  
202MV-202TV****VORTEX IMPELLER****50 Hz****2 POLE****INSTALLATION DIMENSIONS**

# F SERIES

102MV-102TV-152MV-152TV  
202MV-202TV



VORTEX IMPELLER

50 Hz

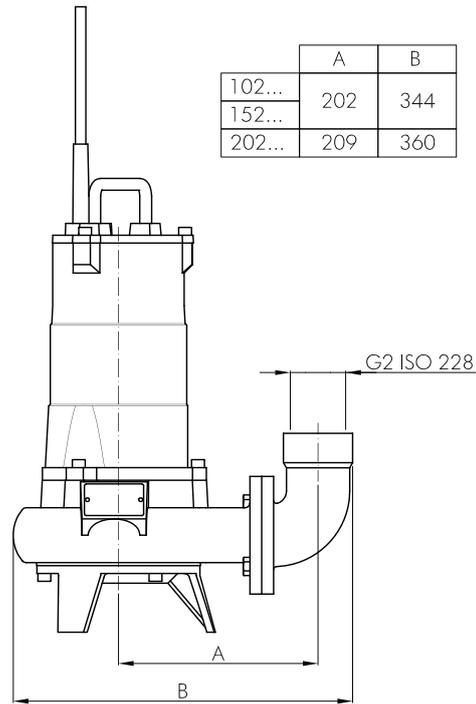
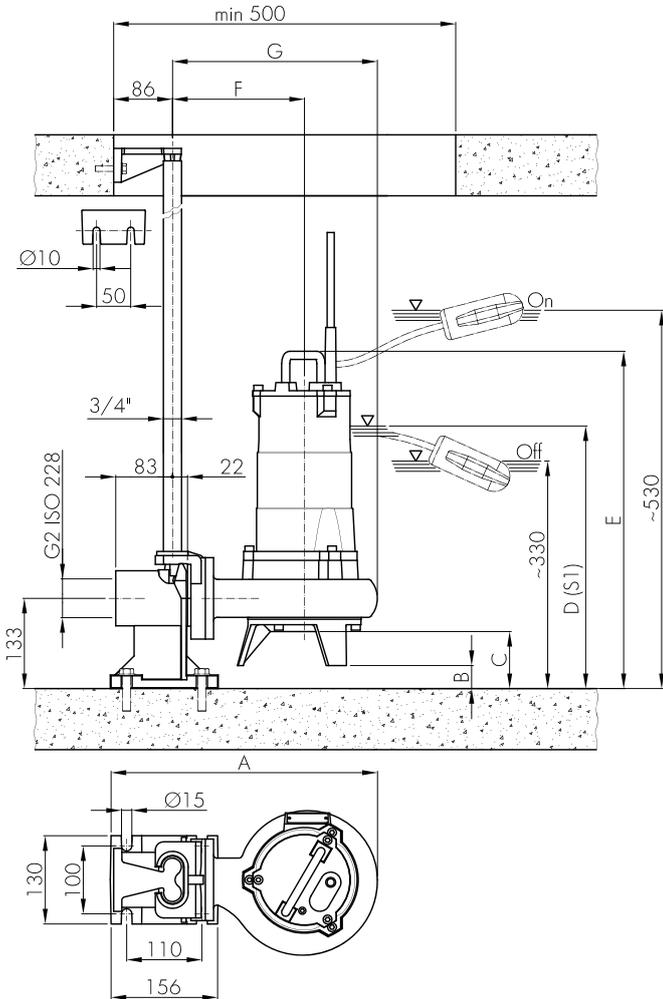
2 POLE

## 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.



	A	B	C	D	E	F	G
102...	390	34	84	387	497	193	300
152...	407	31	81	414	521	200	316

## NOTES

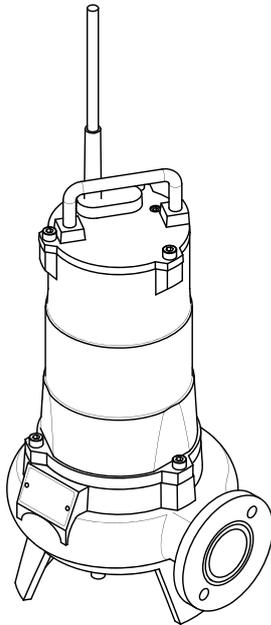


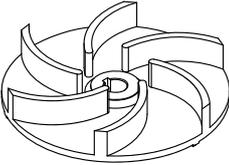
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<b>F SERIES</b>		<b>2 POLE</b>
<b>102MV-102TV-152MV-152TV 202MV-202TV</b>		

#### USE

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#### MATERIALS

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##### Motor housing

Cast iron EN GJL 200 (UNI EN 1561)

##### Pump housing

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##### Motor shaft

Stainless steel AISI 416

##### Bolts and nuts

Stainless steel Grade A2

##### Cable

5 meters type H07RN-F

Single-phase with 4G1,5mm<sup>2</sup> cable, capacitor box and SCHUKO (CEE 7/VII) plug

Single-phase F202MV with 4G2,5mm<sup>2</sup> cable, capacitor box and SCHUKO (CEE 7/VII) plug

Three-phase with 4G1,5mm<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

20 m

##### Liquid density

1,0 kg/dm<sup>3</sup>

##### Min immersion depth for continuous service

102MV-102TV-152MV-152TV 353 mm

202MV-202TV 380 mm

##### Free passage

102MV-102TV-152MV-152TV 40 mm

202MV-202TV 50 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 to EN 60335-2-41

Frequency 60 Hz (*see specific catalogue*)

Other voltages

With food grade white oil

#### TECHNICAL DATA

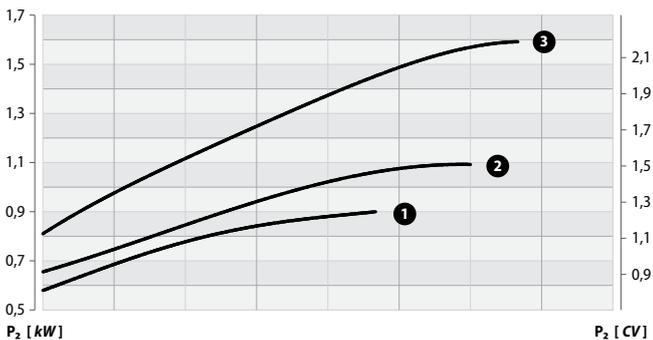
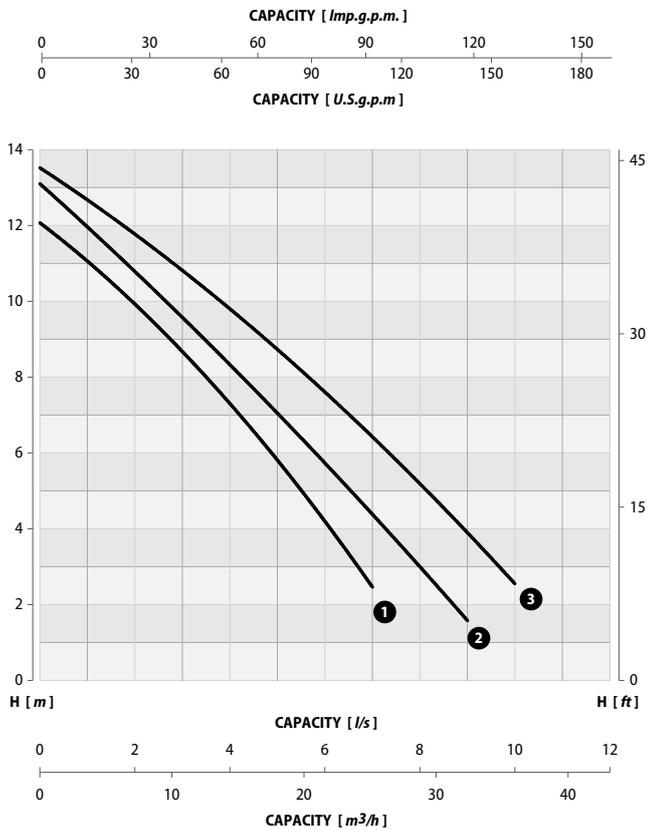
MODEL	P1 kW	P2		VOLTAGE V	CURRENT A	CAPACITOR		CABLE m	WEIGHT kg
		kW	CV			µF	V		
<b>102MV</b>	1,3	0,9	1,2	230 (1~)	5,8	25	450	5	29
<b>102TV</b>	1,3	0,9	1,2	230/400 (3~)	3,5/2,0	-	-	5	29
<b>152MV</b>	1,7	1,1	1,5	230 (1~)	7,0	30	450	5	29
<b>152TV</b>	1,6	1,1	1,5	230/400 (3~)	5,2/3,0	-	-	5	29
<b>202MV</b>	2,3	1,6	2,1	230 (1~)	11,0	40	450	5	35
<b>202TV</b>	2,2	1,6	2,1	230/400 (3~)	6,9/4,0	-	-	5	35

<b>F SERIES</b>	<b>102MV-102TV-152MV-152TV 202MV-202TV</b>		<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
				<b>2 POLE</b>

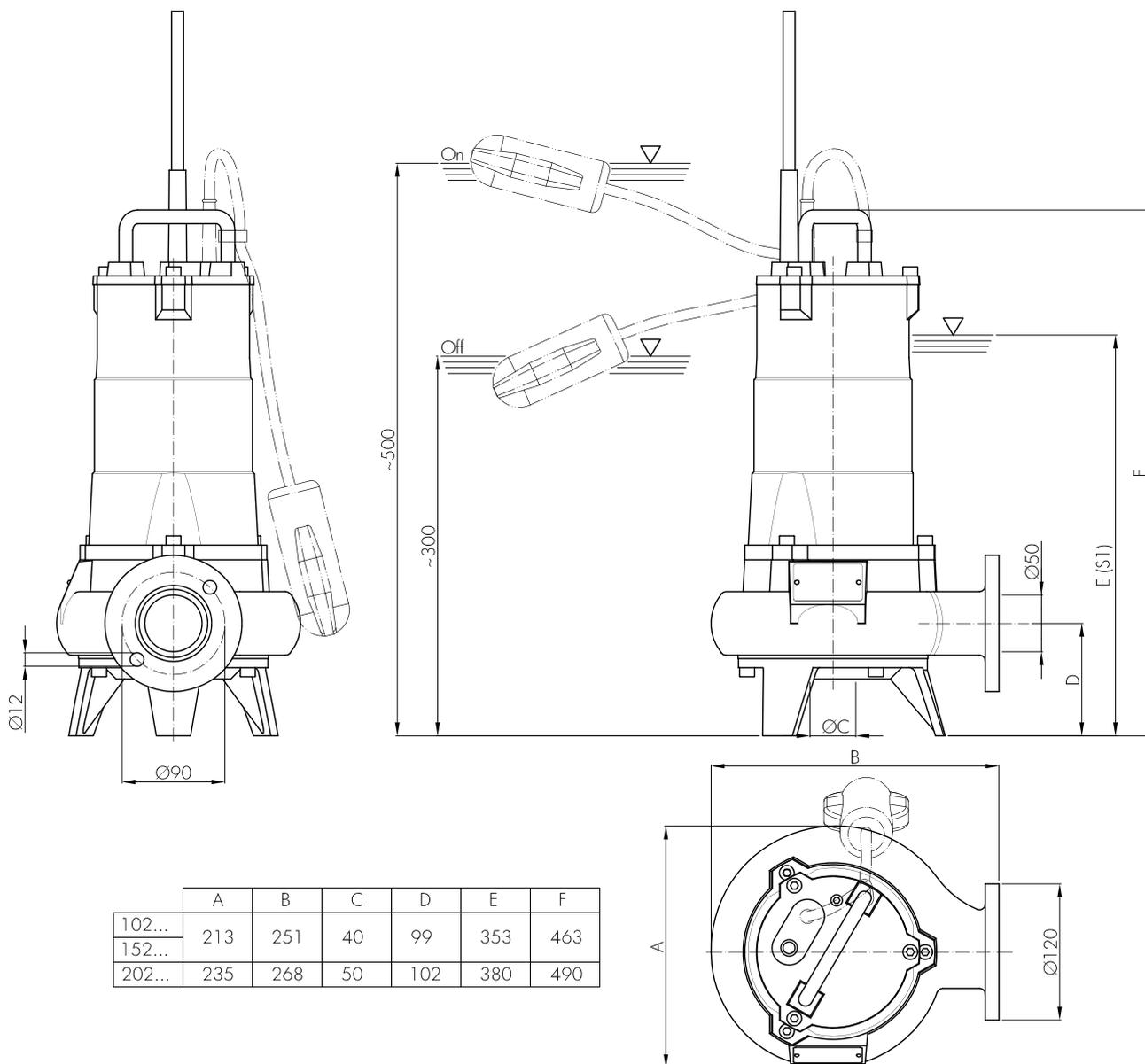
**PERFORMANCE RANGE**

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

MODEL	CURVE N°	HEAD m										
		102MV	1	12,2	11,0	9,8	8,5	7,4	6,0	4,3	2,3	-
102TV												
152MV	2	13,0	12,0	11,0	9,5	8,3	7,0	5,7	4,4	3,0	1,6	-
152TV												
202MV	3	14,0	12,5	11,5	10,5	9,6	8,7	7,8	6,8	5,5	4,0	2,1
202TV												



Performance tolerance in according to UNI/ISO 9906 Grade 2

**F SERIES****102MV-102TV-152MV-152TV  
202MV-202TV****VORTEX IMPELLER****50 Hz****2 POLE****INSTALLATION DIMENSIONS**

	A	B	C	D	E	F
102...	213	251	40	99	353	463
152...	213	251	40	99	353	463
202...	235	268	50	102	380	490

# F SERIES

102MV-102TV-152MV-152TV  
202MV-202TV



VORTEX IMPELLER

50 Hz

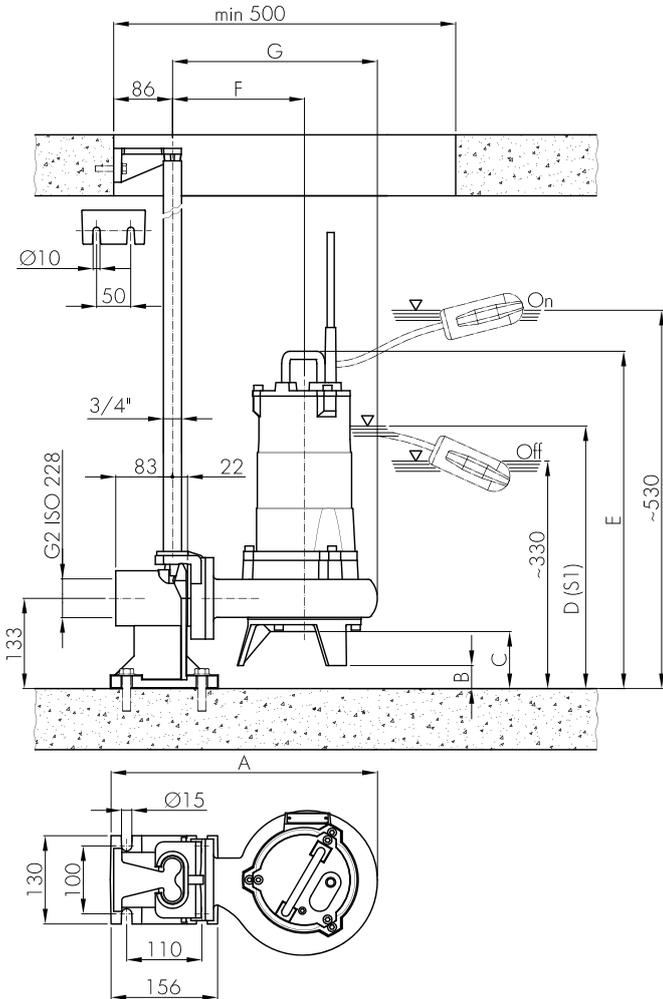
2 POLE

## PERMANENT INSTALLATION WITH COUPLING SYSTEM

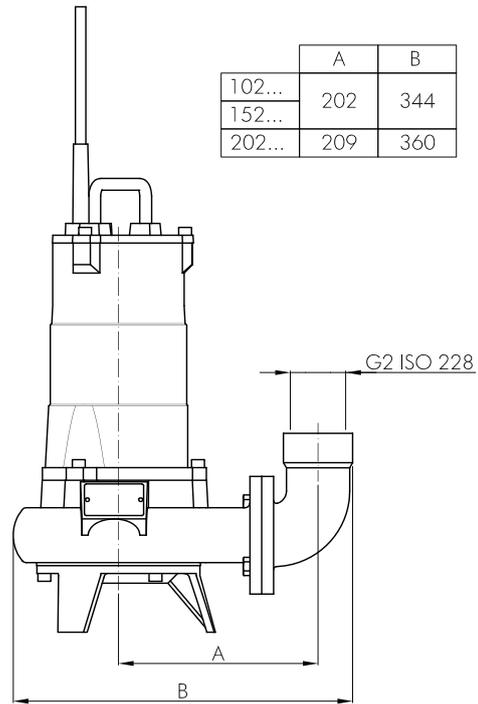
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## PORTABLE INSTALLATION

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



	A	B
102...	202	344
152...	209	360



	A	B	C	D	E	F	G
102...	390	34	84	387	497	193	300
152...	407	31	81	414	521	200	316

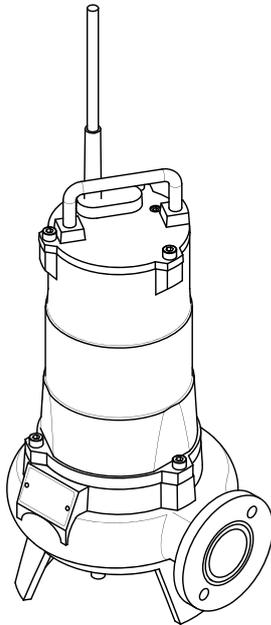
## NOTES

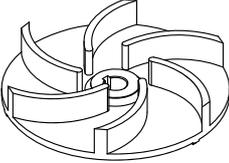
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#### LIMITS TO USE

##### Max temperature of the liquid pumped

+40°C

##### pH of the liquid pumped

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##### Max immersion depth

20 m

##### Liquid density

1,0 kg/dm<sup>3</sup>

##### Min immersion depth for continuous service

102MV-102TV-152MV-152TV 353 mm

202MV-202TV 380 mm

##### Free passage

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202MV-202TV 50 mm

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##### Acoustic pressure level issued

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Protection degree IP68

2pole; 50Hz

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

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400V ±10%

Other voltages on request.

#### OTHER FEATURES ON REQUEST

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

Frequency 60 Hz (*see specific catalogue*)

Other voltages

With food grade white oil

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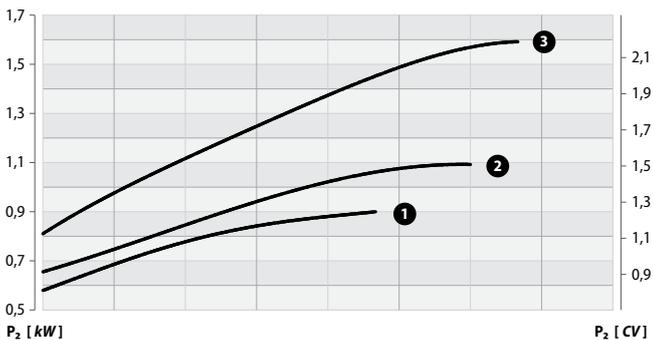
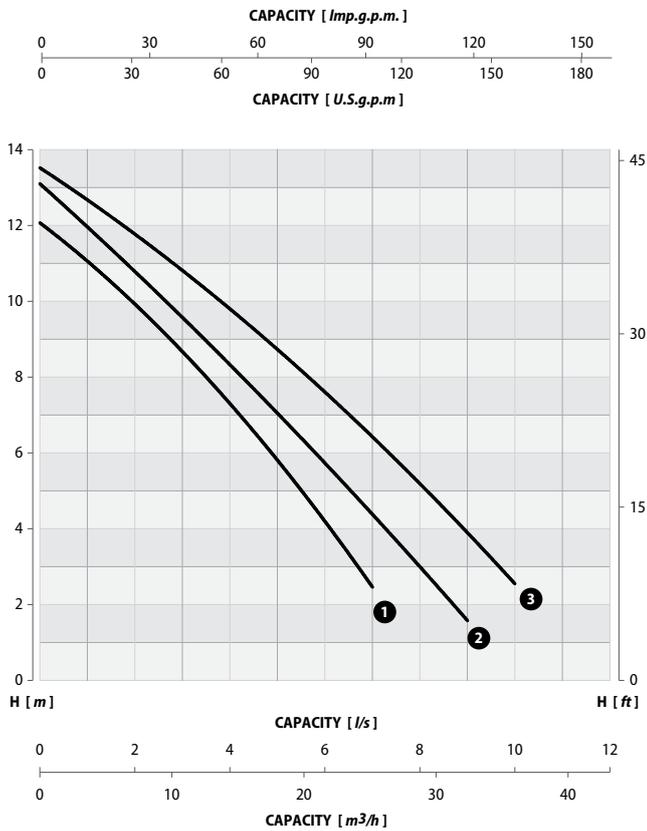
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<b>F SERIES</b>	<b>102MV-102TV-152MV-152TV 202MV-202TV</b>		<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
				<b>2 POLE</b>

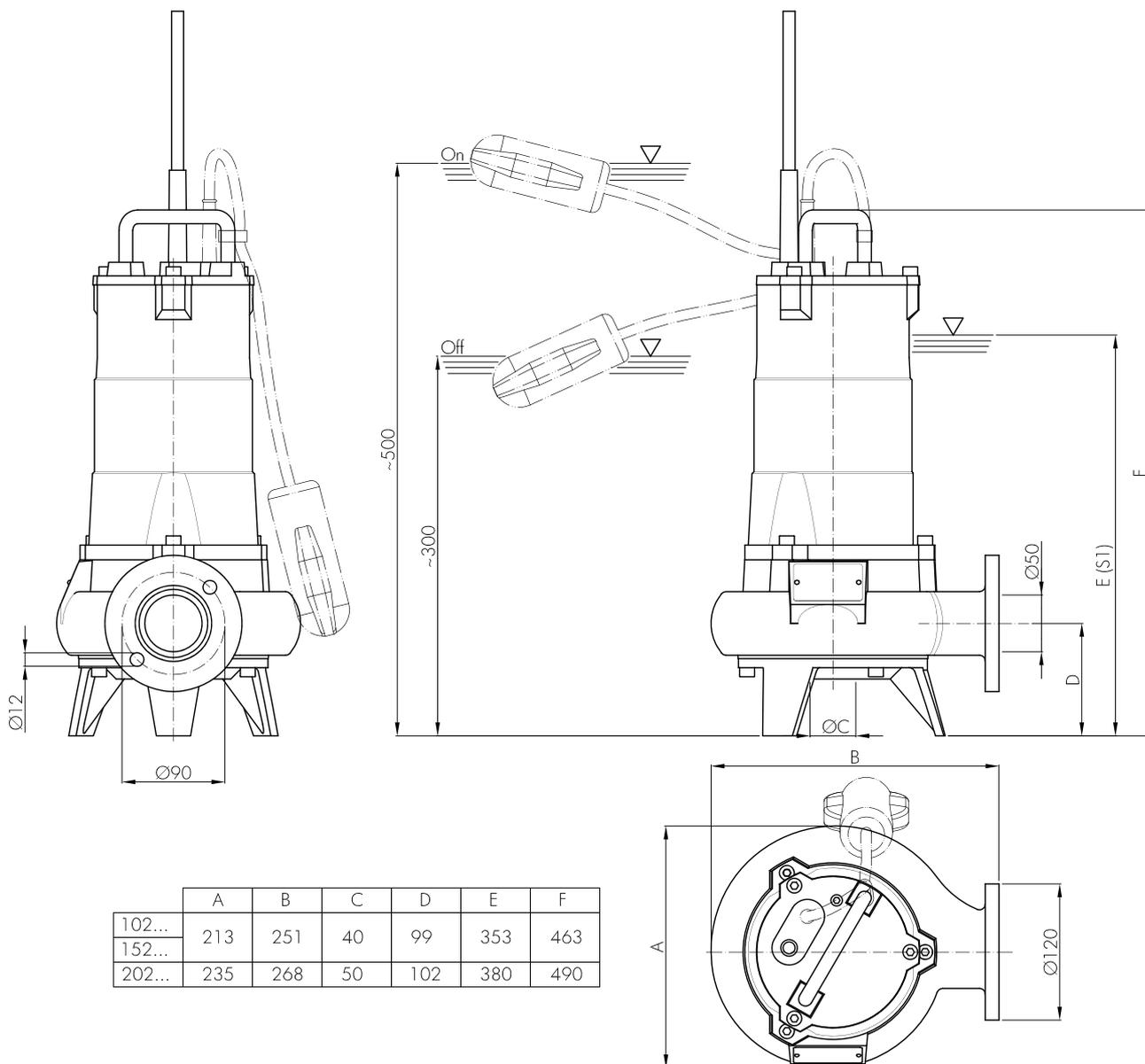
**PERFORMANCE RANGE**

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

MODEL	CURVE N°	HEAD m											
		102MV	1	12,2	11,0	9,8	8,5	7,4	6,0	4,3	2,3	-	-
102TV	152MV	2		13,0	12,0	11,0	9,5	8,3	7,0	5,7	4,4	3,0	1,6
152TV	202MV		3	14,0	12,5	11,5	10,5	9,6	8,7	7,8	6,8	5,5	4,0
202MV	202TV												



Performance tolerance in according to UNI/ISO 9906 Grade 2

**F SERIES****102MV-102TV-152MV-152TV  
202MV-202TV****VORTEX IMPELLER****50 Hz****2 POLE****INSTALLATION DIMENSIONS**

# F SERIES

102MV-102TV-152MV-152TV  
202MV-202TV



VORTEX IMPELLER

50 Hz

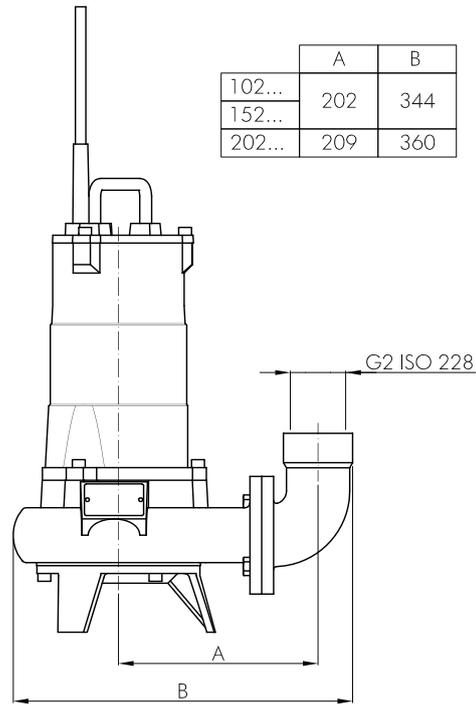
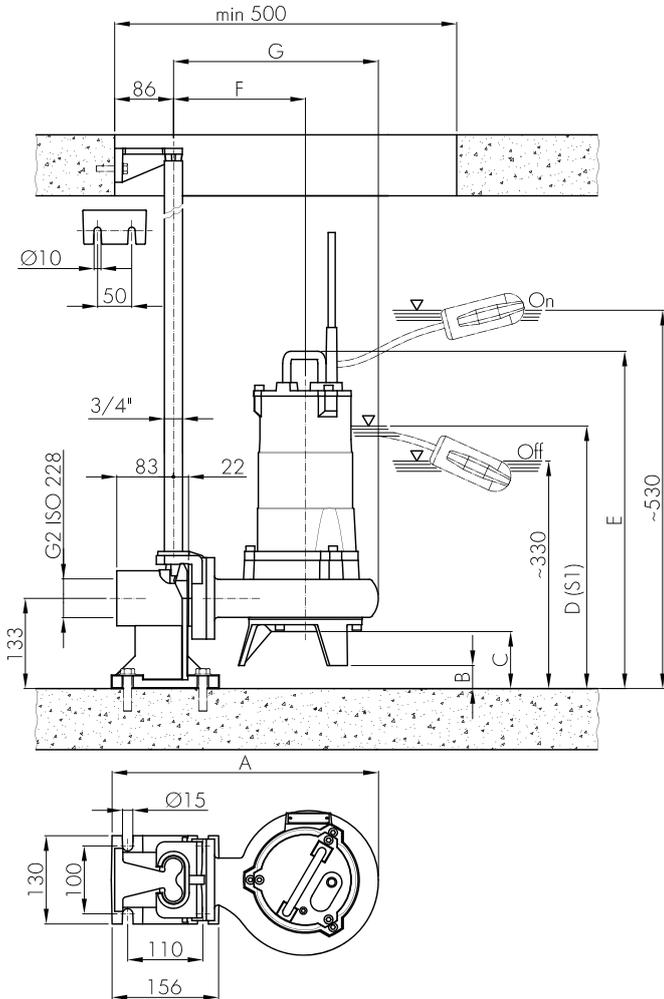
2 POLE

## 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.



	A	B	C	D	E	F	G
102...	390	34	84	387	497	193	300
152...	407	31	81	414	521	200	316

## NOTES

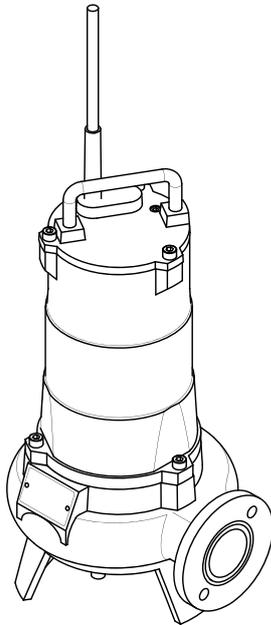


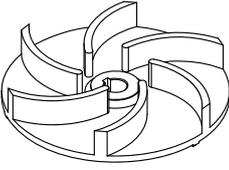
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<b>HYDROPOMPE</b>	<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
<b>F SERIES</b>		<b>2 POLE</b>
<b>102MV-102TV-152MV-152TV 202MV-202TV</b>		

#### USE

Submersible electric pumps suitable for pumping screened waste water, draining the sewage of blocks of flats and houses and flooded premises in general.

#### MATERIALS

##### Cover

Cast iron EN GJL 200 (UNI EN 1561)

##### Motor housing

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)

##### Mechanical seal

Silicon Carbide/Silicon Carbide (SiC/SiC)

##### Motor shaft

Stainless steel AISI 416

##### Bolts and nuts

Stainless steel Grade A2

##### Cable

5 meters type H07RN-F

Single-phase with 4G1,5mm<sup>2</sup> cable, capacitor box and SCHUKO (CEE 7/VII) plug

Single-phase F202MV with 4G2,5mm<sup>2</sup> cable, capacitor box and SCHUKO (CEE 7/VII) plug

Three-phase with 4G1,5mm<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

20 m

##### Liquid density

1,0 kg/dm<sup>3</sup>

##### Min immersion depth for continuous service

102MV-102TV-152MV-152TV 353 mm

202MV-202TV 380 mm

##### Free passage

102MV-102TV-152MV-152TV 40 mm

202MV-202TV 50 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 to EN 60335-2-41

Frequency 60 Hz (*see specific catalogue*)

Other voltages

With food grade white oil

#### TECHNICAL DATA

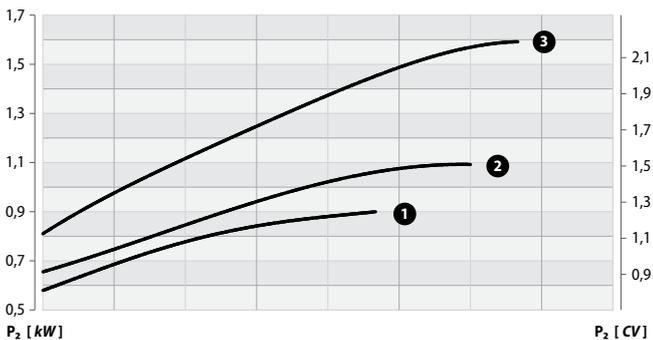
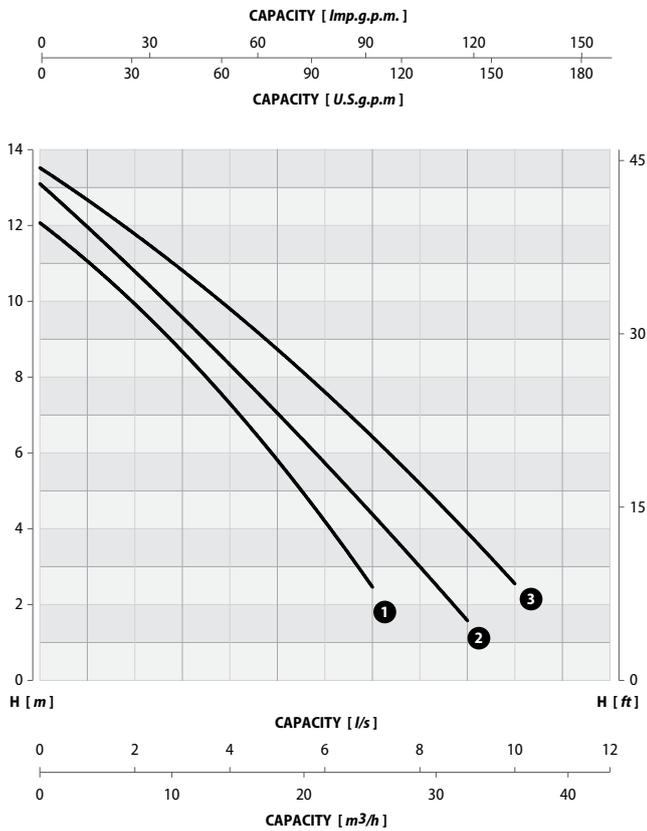
MODEL	P1 kW	P2		VOLTAGE V	CURRENT A	CAPACITOR		CABLE m	WEIGHT kg
		kW	CV			µF	V		
<b>102MV</b>	1,3	0,9	1,2	230 (1~)	5,8	25	450	5	29
<b>102TV</b>	1,3	0,9	1,2	230/400 (3~)	3,5/2,0	-	-	5	29
<b>152MV</b>	1,7	1,1	1,5	230 (1~)	7,0	30	450	5	29
<b>152TV</b>	1,6	1,1	1,5	230/400 (3~)	5,2/3,0	-	-	5	29
<b>202MV</b>	2,3	1,6	2,1	230 (1~)	11,0	40	450	5	35
<b>202TV</b>	2,2	1,6	2,1	230/400 (3~)	6,9/4,0	-	-	5	35

<b>F SERIES</b>	<b>102MV-102TV-152MV-152TV 202MV-202TV</b>		<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
				<b>2 POLE</b>

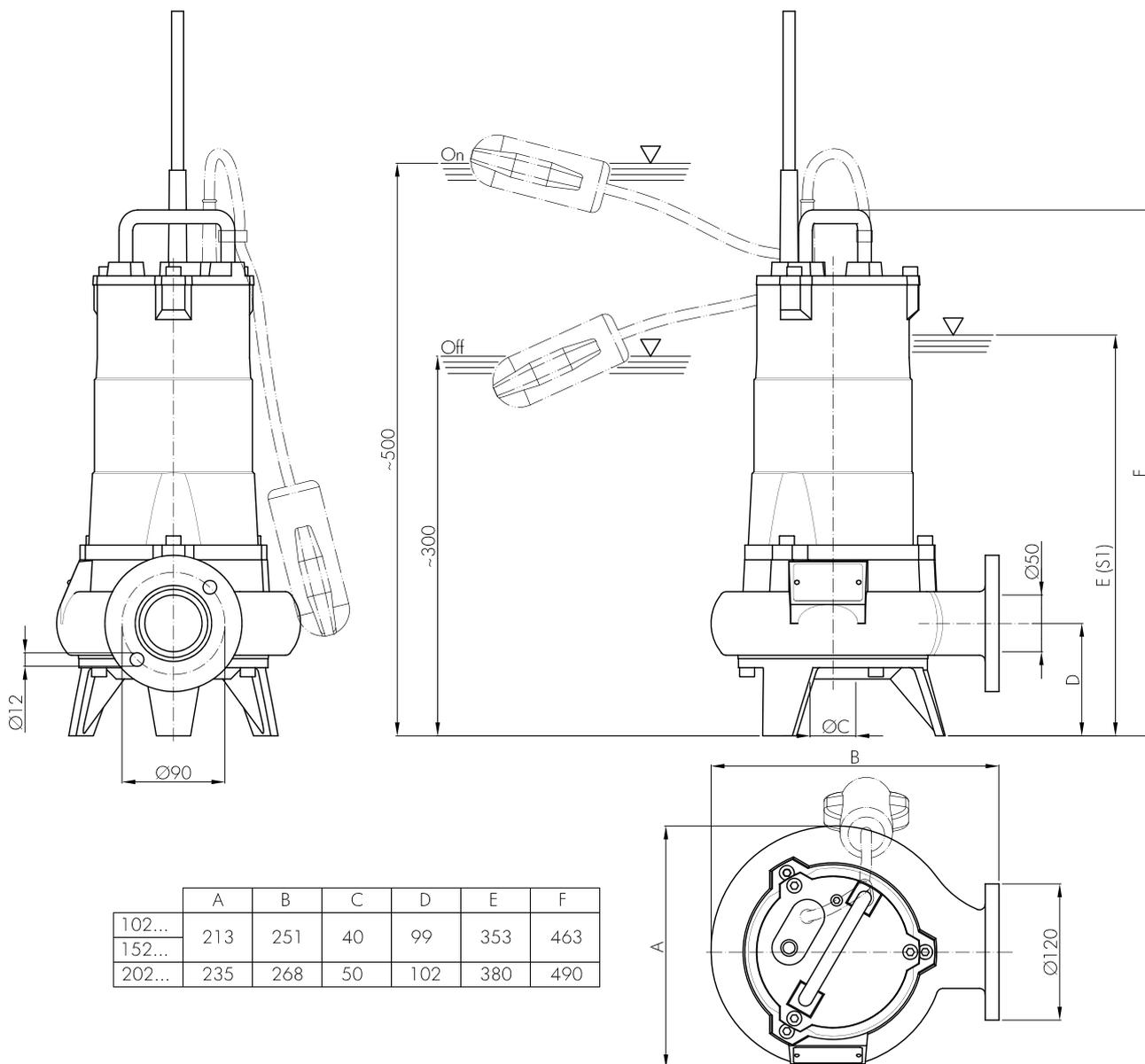
**PERFORMANCE RANGE**

CAPACITY												
<i>l/s</i>	0	1	2	3	4	5	6	7	8	9	10	
<i>m³/h</i>	0	3,6	7,2	10,8	14,4	18,0	21,6	25,2	28,8	32,4	36	
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MODEL	CURVE N°	HEAD m											
		102MV	1	12,2	11,0	9,8	8,5	7,4	6,0	4,3	2,3	-	-
102TV	152MV	2		13,0	12,0	11,0	9,5	8,3	7,0	5,7	4,4	3,0	1,6
152TV	202MV		3	14,0	12,5	11,5	10,5	9,6	8,7	7,8	6,8	5,5	4,0
202TV													



Performance tolerance in according to UNI/ISO 9906 Grade 2

**F SERIES****102MV-102TV-152MV-152TV  
202MV-202TV****VORTEX IMPELLER****50 Hz****2 POLE****INSTALLATION DIMENSIONS**

# F SERIES

102MV-102TV-152MV-152TV  
202MV-202TV



VORTEX IMPELLER

50 Hz

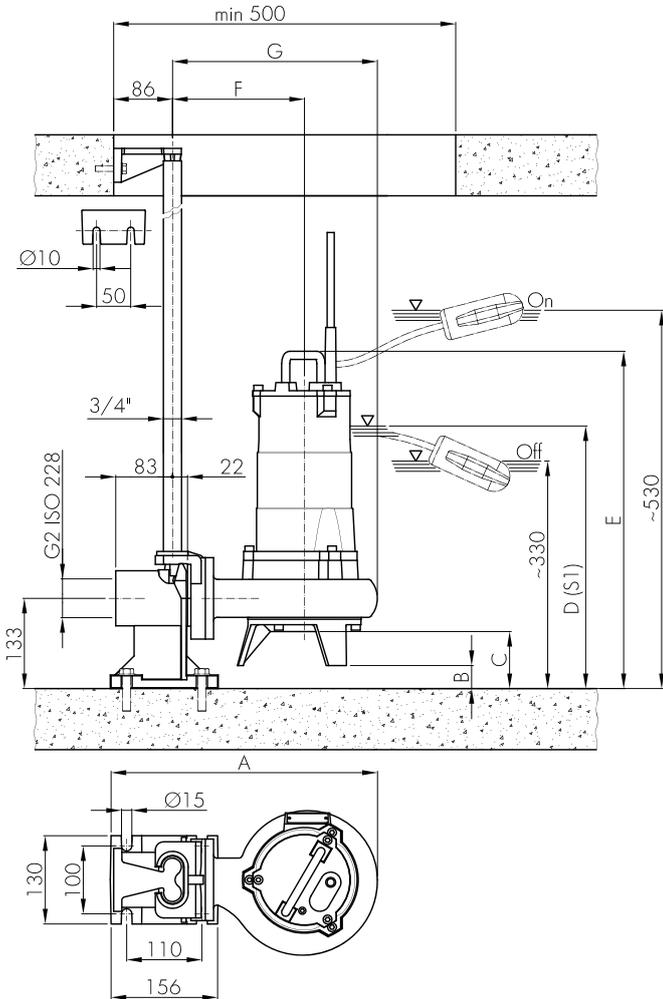
2 POLE

## PERMANENT INSTALLATION WITH COUPLING SYSTEM

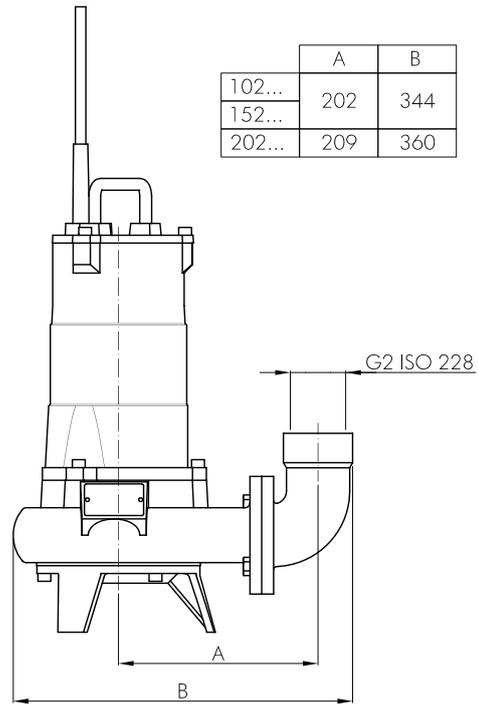
It is the recommended installation for the permanent pumping station. The electric pump is guided by two pipes and it is connected automatically to the coupling system. The quick connection ensures that the pump can be easily removed and re-installed.

## PORTABLE INSTALLATION

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



	A	B
102...	202	344
152...	209	360



	A	B	C	D	E	F	G
102...	390	34	84	387	497	193	300
152...	407	31	81	414	521	200	316

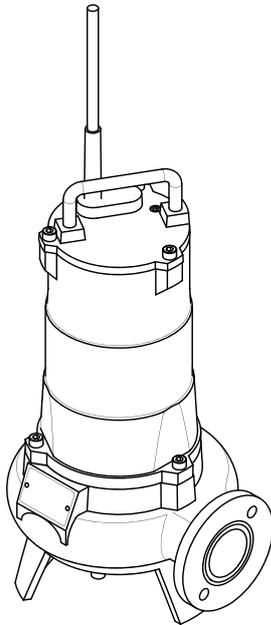
## NOTES

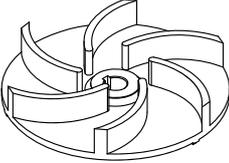
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<b>HYDROPOMPE</b>	<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
<b>F SERIES</b>		<b>2 POLE</b>
<b>102MV-102TV-152MV-152TV 202MV-202TV</b>		

#### USE

Submersible electric pumps suitable for pumping screened waste water, draining the sewage of blocks of flats and houses and flooded premises in general.

#### MATERIALS

##### Cover

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##### Motor housing

Cast iron EN GJL 200 (UNI EN 1561)

##### Pump housing

Cast iron EN GJL 200 (UNI EN 1561)

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##### Motor shaft

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Stainless steel Grade A2

##### Cable

5 meters type H07RN-F

Single-phase with 4G1,5mm<sup>2</sup> cable, capacitor box and SCHUKO (CEE 7/VII) plug

Single-phase F202MV with 4G2,5mm<sup>2</sup> cable, capacitor box and SCHUKO (CEE 7/VII) plug

Three-phase with 4G1,5mm<sup>2</sup> cable

#### LIMITS TO USE

##### Max temperature of the liquid pumped

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##### Max immersion depth

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##### Liquid density

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##### Min immersion depth for continuous service

102MV-102TV-152MV-152TV 353 mm

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202MV-202TV 50 mm

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#### MOTOR

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Class of insulation F

Protection degree IP68

2pole; 50Hz

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

##### SINGLE-PHASE

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##### THREE-PHASE

230V ±10%

400V ±10%

Other voltages on request.

#### OTHER FEATURES ON REQUEST

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

Frequency 60 Hz (*see specific catalogue*)

Other voltages

With food grade white oil

#### TECHNICAL DATA

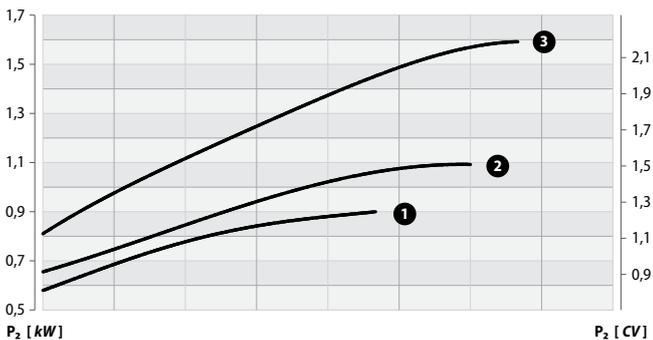
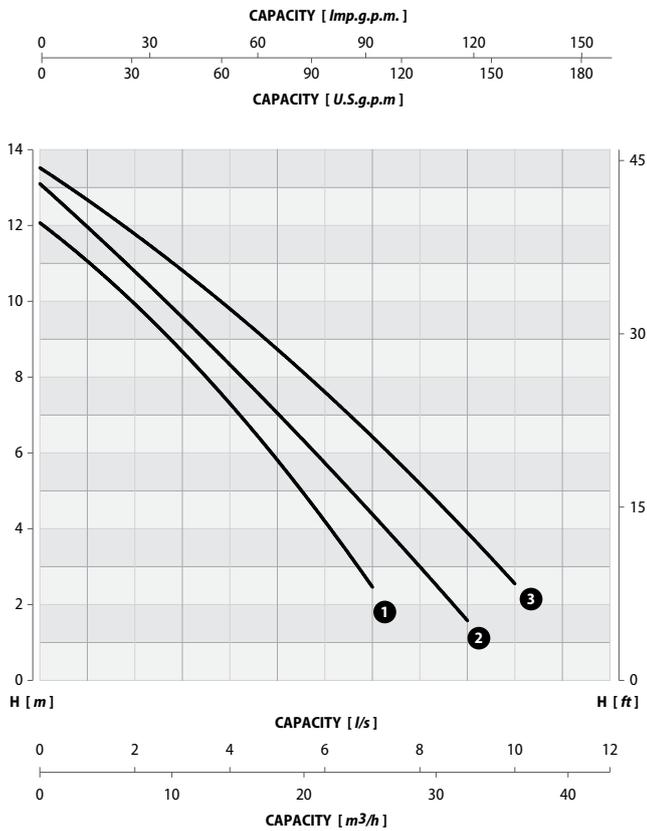
MODEL	P1 kW	P2		VOLTAGE V	CURRENT A	CAPACITOR		CABLE m	WEIGHT kg
		kW	CV			µF	V		
<b>102MV</b>	1,3	0,9	1,2	230 (1~)	5,8	25	450	5	29
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<b>202TV</b>	2,2	1,6	2,1	230/400 (3~)	6,9/4,0	-	-	5	35

<b>F SERIES</b>	<b>102MV-102TV-152MV-152TV 202MV-202TV</b>		<b>VORTEX IMPELLER</b>	<b>50 Hz</b>
				<b>2 POLE</b>

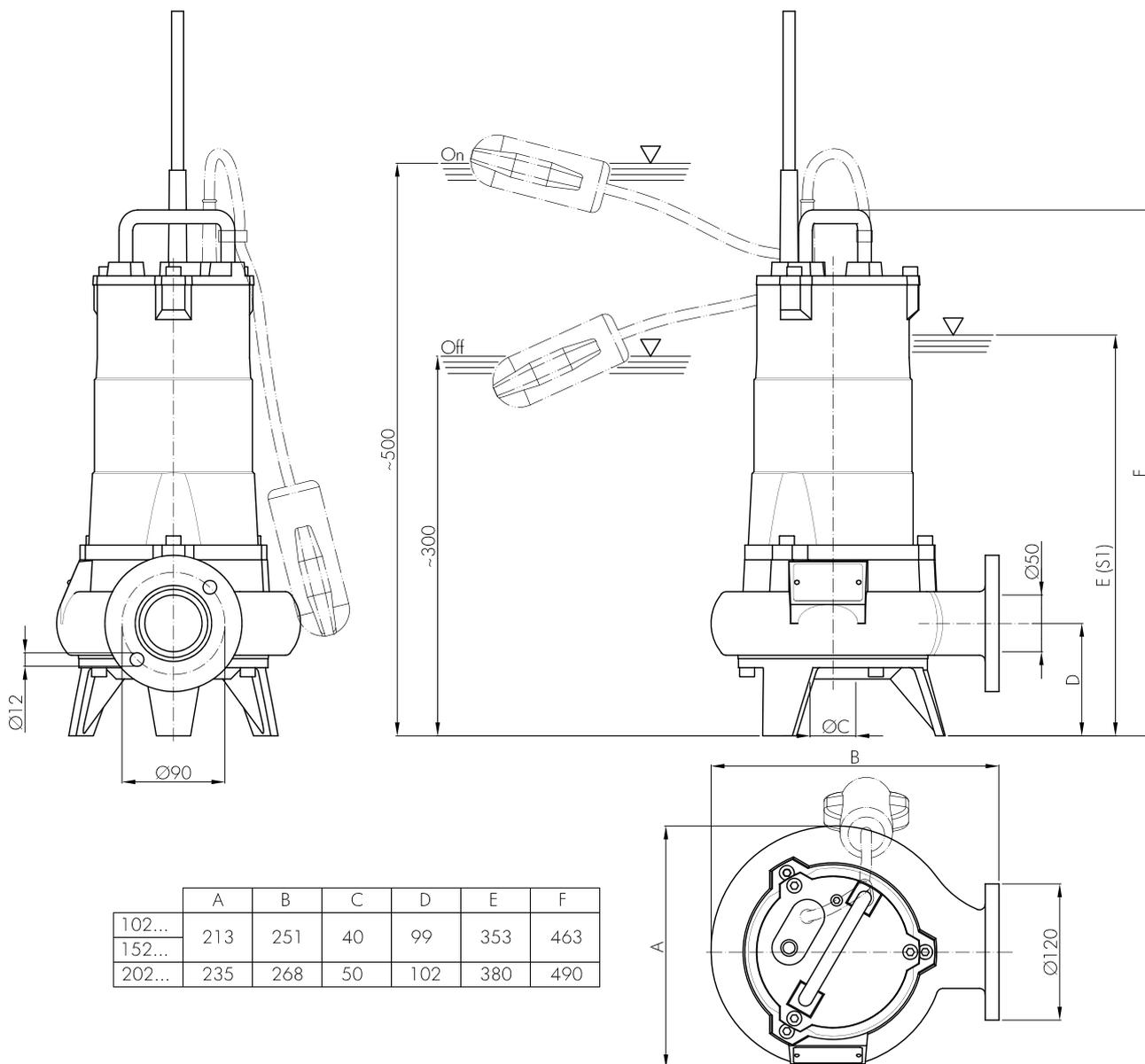
**PERFORMANCE RANGE**

CAPACITY												
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102TV	152MV	2		13,0	12,0	11,0	9,5	8,3	7,0	5,7	4,4	3,0	1,6
152TV	202MV		3	14,0	12,5	11,5	10,5	9,6	8,7	7,8	6,8	5,5	4,0
202MV	202TV												



Performance tolerance in according to UNI/ISO 9906 Grade 2

**F SERIES****102MV-102TV-152MV-152TV  
202MV-202TV****VORTEX IMPELLER****50 Hz****2 POLE****INSTALLATION DIMENSIONS**

# F SERIES

102MV-102TV-152MV-152TV  
202MV-202TV



VORTEX IMPELLER

50 Hz

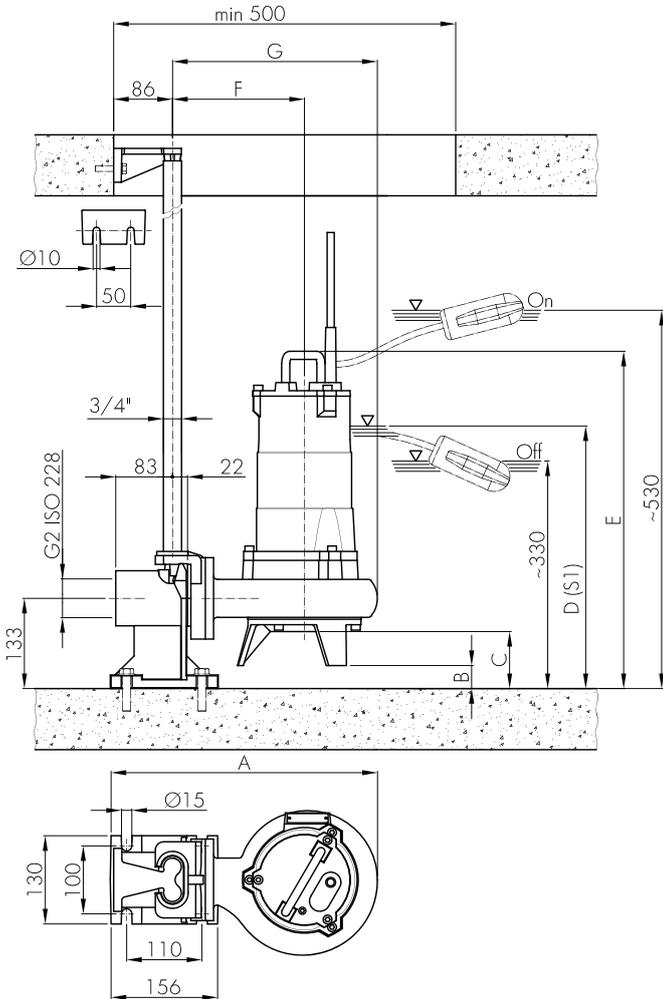
2 POLE

## PERMANENT INSTALLATION WITH COUPLING SYSTEM

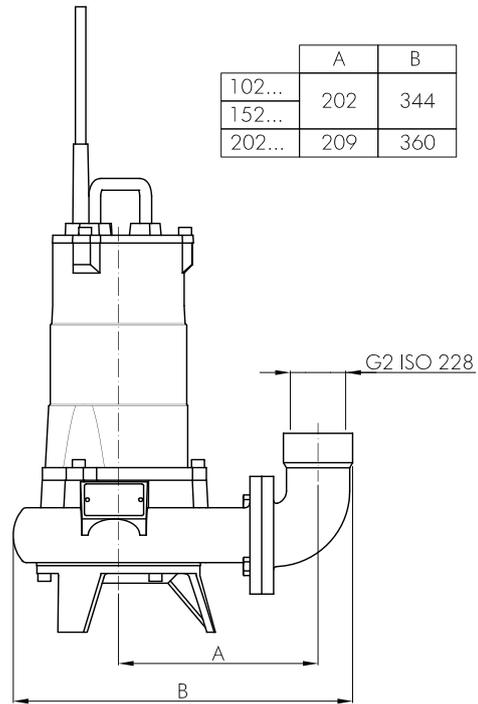
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	A	B	C	D	E	F	G
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## NOTES

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