



YOUR PUMPING SOLUTION
CATALOG 2018

DRAINAGE DRENO

submersible pump for drainage



clean water



muddy water

Vertical outlet



KEY ADVANTAGES OF A AQUALIJU PUMP

USE

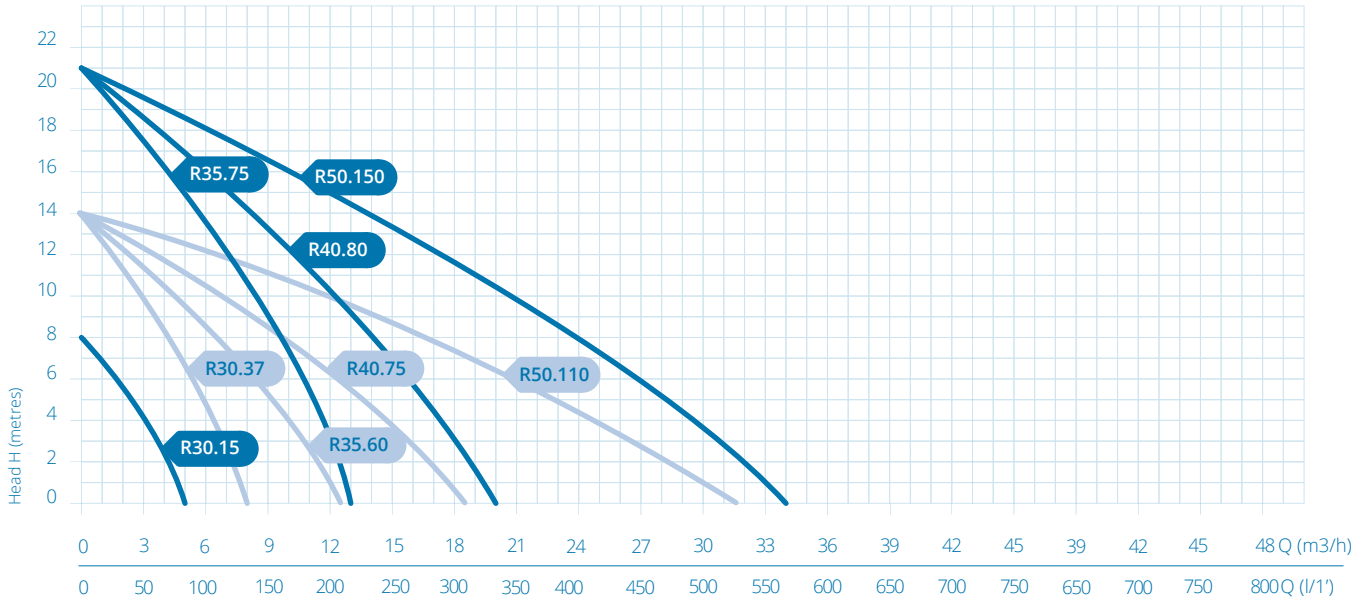
- Water pumping weakly charged;
- Suspended solids \varnothing 5mm max;
- Immersion depth of 10m

FEATURES

- Engine oil bath, insulation class F;
- Double seals, lip seals and reinforced carbon and ceramic mechanical seal;
- Power cable: 10m neoprene;
- Motor casing in stainless steel, 304 stainless steel open impeller;
- Pump body in cast iron, 420 stainless steel shaft continuous service.

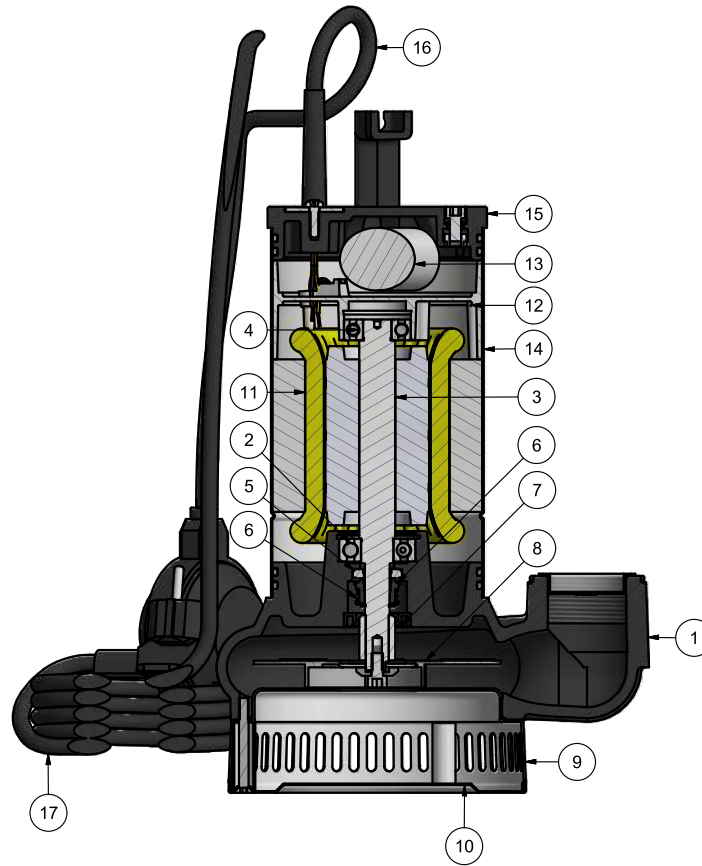
CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz



TYPE	POWER kW	I (A)		PORT DN	Q	m³/h														
		1x230	3x400			0	1,5	3	4,5	6	7,5	10,5	12	15	18	21	24	27	30	
						l/min														
						0	25	50	75	100	125	175	200	250	300	350	400	450	500	
R 30.15	0,15	2,9	1,1	1"	H - meters	8	6,7	4,9	2,7											
R 30.37	0,37	3,4	1,3	1"		14	12,6	10,6	8,1	5,2	1,7									
R 35.60	0,6	4,0	1,8	1"¼		14	12,9	11,7	10,4	9	7,5	4,2	2,4							
R 40.75	0,75	5,0	2,6	1"½		14	13,3	12,7	11,9	11,1	10,2	8,1	6,9	4,4	1,5					
R 50.110	1,1	8,5	3,0	2"		14	13,6	13,4	13,2	12,9	12,5	11,7	11,3	10,2	8,9	7,4	5,7	3,8	1,7	
R 35.75	0,75	5,4	2,6	1"¼		21	19	16,9	14,6	12,3	9,7	4,3	1,3	-	-	-	-	-	-	
R 40.80	0,8	7,8	3,0	1"½		21	19,6	18,2	16,7	15,2	13,7	10,6	9	5,7	2,3	-	-	-	-	
R 50.150	1,5	8,8	4,0	2"		21	19,9	19,2	18,5	17,7	17	15,4	14,6	13	11,3	9,5	7,7	5,9	3,9	

COMPONENTS AND MATERIALS

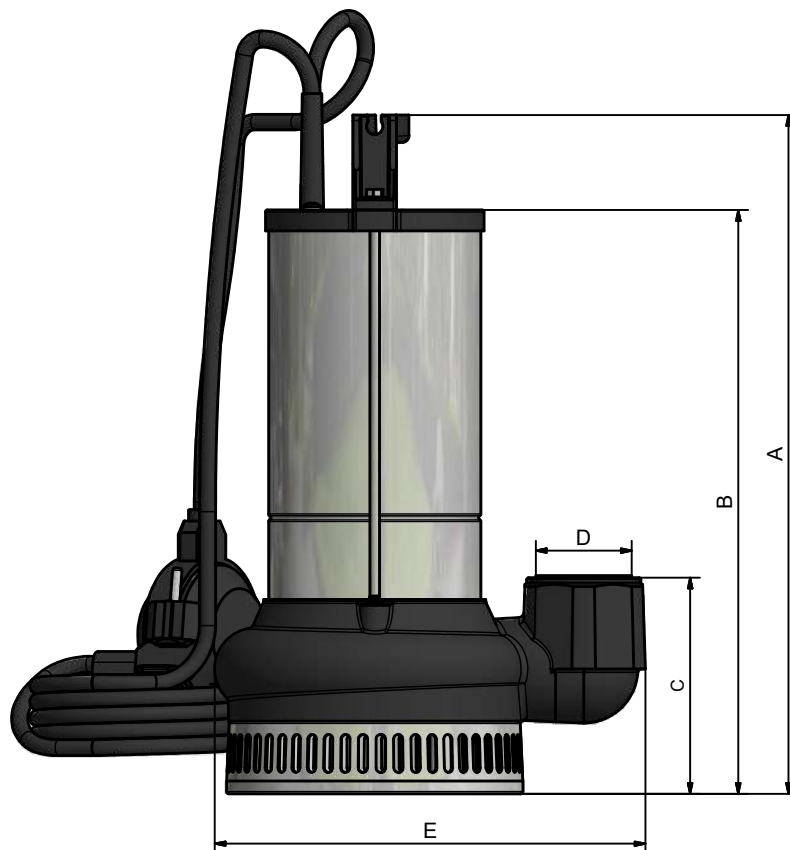


POS. COMPONENT

MATERIALS

1	Body Dreno Pump	Cast Iron
2	Bearing	Steel
3	Rotor / Shaft	Steel and Aluminum / Stainless Steel
4	Bearing	Steel
5	Mechanical Seal Fixe	Nitrile Rubber / Ceramics
6	Mechanical Seal Mobile	Graphite Steel
7	Lip Seals	Nitrile Rubber
8	Impeller Pump Dreno	Stainless Steel
9	Body Filter Aspiration	Stainless Steel
10	Aspiration Filter Cover	Stainless Steel
11	Stator	
12	Top Engine Support	Aluminium
13	Capacitor	
14	Motor Casing	Stainless Steel
15	Pump Cover	Neoprene / Plastic
16	Float	Neoprene

DIMENSIONS AND WEIGHT



TYPE	DIMENSIONS (mm)					WEIGHT Kg
	A	B	C	ØD	E	
R 30.15	239,5	239,5	91	1"	136	8,9
R 30.37	299,5	249,5				9,1
R 35.60	335	285	110	1"¼	160	11,0
R 40.75	355	305		1"½		12,0
R 50.110	370	350	120	2"	175	16,0
R 35.75	350	295	110	1"¼	160	11,5
R 40.80	370	315		1"½		12,5
R 50.150	380	340	120	2"	175	17,0

SEWAGE VORTEX N

submersible pump for
sewage water



wastewater



domestic use

Vertical outlet

The range Vortex NJ is especially designed to meet the water loaded with suspended matter, all wastewater houses (excluding WC). From 30mm passage. Very low electrical consumption. Adapted to the sludge recirculation for microstation.



KEY ADVANTAGES OF A VORTEX PUMP

1. INCOLMATAGE

The vortex impeller creates a vortex that leads to most solids without contact with the turbine and the fibrous materials are repelled and can not hold on to the turbine.

2. MINIMUM WEAR + CONSISTENT PERFORMANCE

The Vortex pump wear is very low because most of the solids pumped passes through the volute without touching the turbine. The yield remains constant over a long period.

3. LOW MAINTENANCE + NO ADJUSTMENT

The position of the wheel back in the volute eliminates the risk of blockage and sudden loss of performance. No adjustment is necessary and the cost of maintenance and operation are low and constant.

USE

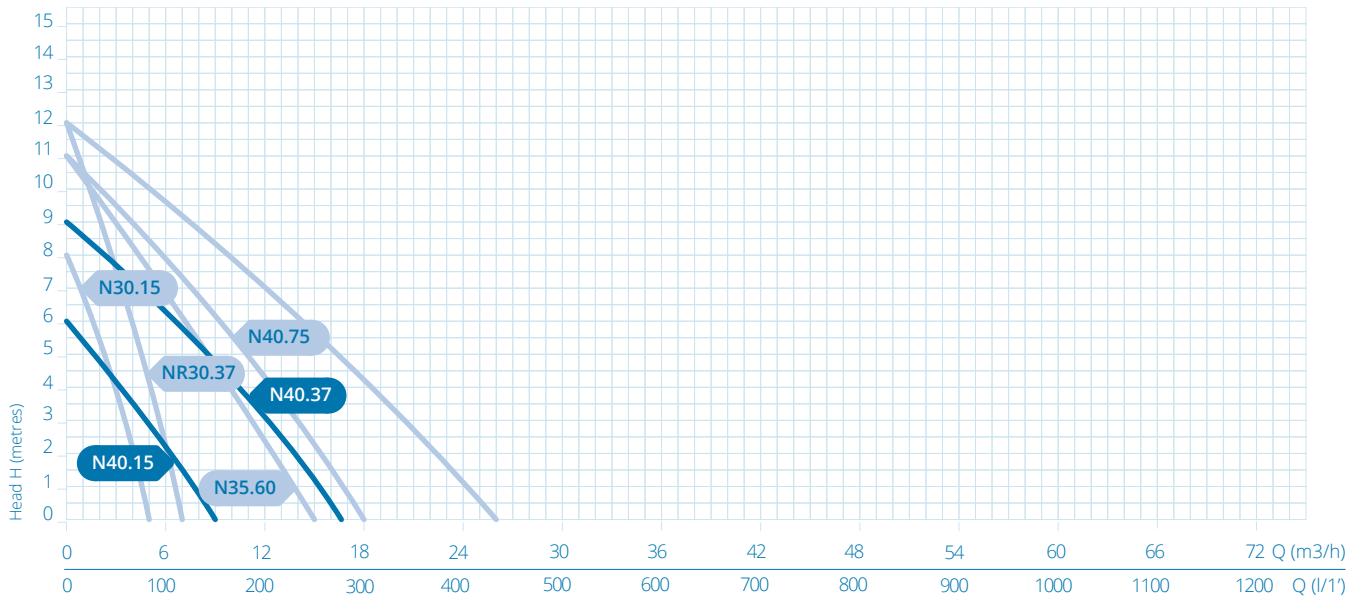
Laden water with suspended solids.
All wastewater from homes, including toilets from 50mm to pass.
Immersion depth of 10m.

FEATURES

- Motor casing in stainless steel;
- Casing pump in cast;
- Impeller in cast iron, stainless steel shaft;
- Engine oil bath class F, 10m cable, built-in capacitor (to phase);
- Double seals, lip seals and reinforced carbon ceramic mechanical seal;
- Single-phase models with or without float (types A)

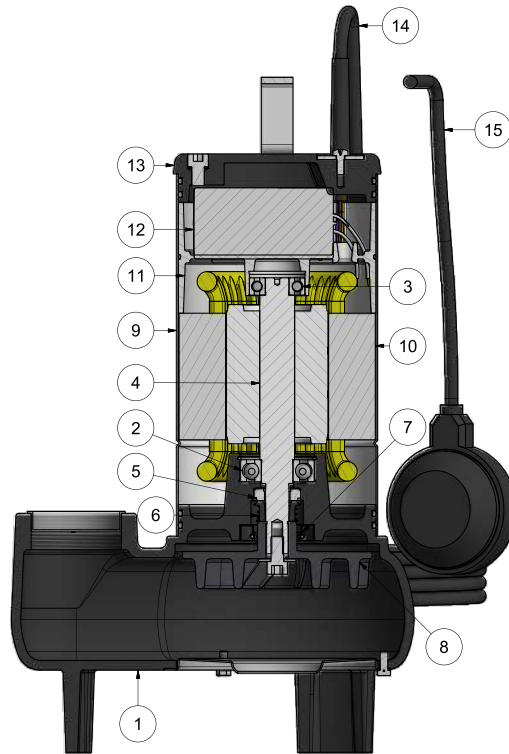
CHARACTERISTIC CURVES AND PERFORMANCE DATA

50Hz



TYPE	POWER kW	MOTOR			PORT		Q	m³/h														
		1~ A	μF	3~ A	ø mm	DN		0	3	6	9	12	15	18	24	27	30	36	48	60	72	
							l/min	0	50	100	150	200	250	300	400	450	500	600	800	1000	1200	
N 40.15	0,15	2	12	1	30	1" ½		7	6,3	5,5	4,7	3,9	3	1,1								
N 40.37	0,37	3,4	16	1,3	30	1" ½		9	8,5	8	7,4	6,8	6,1	4,6	3,7	1,8						
N 35.60	0,6	5,2	16	1,4	33	1"¼		11	10	8,8	7,6	6,5	5,3	3,2	2,2	0,2						
N 40.75	0,75	6,4	20	2,6	35	1"½		11	10,2	9,5	8,8	8	7,2	5,4	4,5	2,5	0,4					
N 50.110	1,1	9,0	35	3,0	50	2"	H - meters	12	11,9	11,2	10,5	9,8	9,1	7,7	6,9	5,5	4,1	2,6	1,1			
N 50.150	1,5	9,4	40	3,7	50	2"		14	13,6	12,9	12,1	11,3	10,6	9,1	8,4	7	5,6	4,2	2,9	1,5	0,3	

COMPONENTS AND MATERIALS

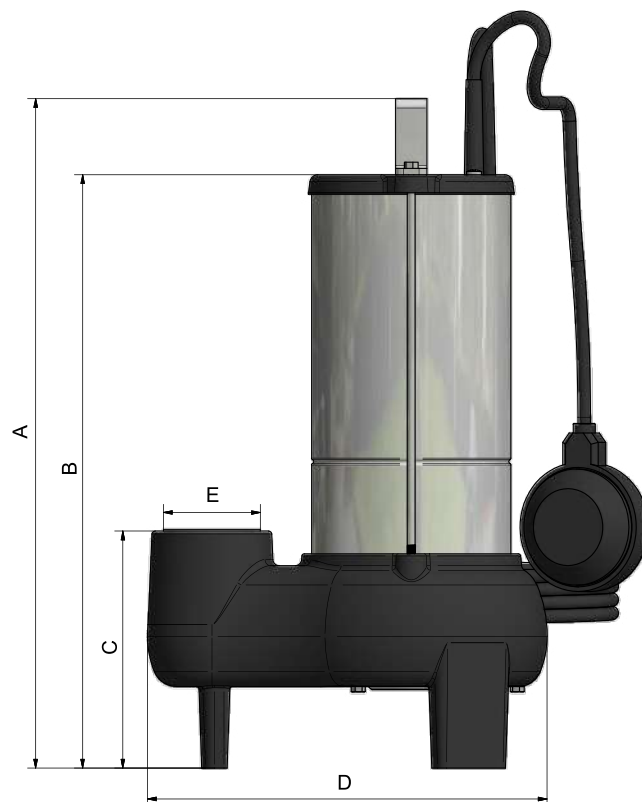


POS. COMPONENT

MATERIALS

1	Body Vortex Pump	Cast Iron
2	Bearing	Steel
3	Bearing	Steel
4	Rotor / Shaft	Steel and Aluminum / Stainless Steel
5	Mechanical Seal Fixe	Nitrile Rubber / Ceramics
6	Mechanical Seal Mobile	Graphite Steel
7	Lip Seals	Nitrile Rubber
8	Impeller	Cast Iron
9	Motor Casing	Stainless Steel
10	Stator	
11	Top Engine Support	Aluminium
12	Capacitor	
13	Pump Cover	
14	Power Cable	Neoprene
15	Float	Neoprene / Plastic

DIMENSIONS AND WEIGHT



TYPE	DIMENSIONS (mm)							WEIGHT Kg
	A	B	C	D	ØE	ØF (passage)	G	
N 40.15	322	311	111	35	1"½	30	213	9,8
N 40.37	347	335						10
N 35.60	345	335	110	37	1"¼	33	215	10,5
N 40.75	365	355	120	42	1"½	35	230	11,5
N 50.110	425	410	137,5	53	2"	50	255	17,0
N 50.150	435	420	137,5					19,0

SEWAGE VORTEX F

submersible pump for
sewage water



wastewater



domestic use

Vertical outlet

The range Vortex F is designed for pumping of sewage with suspended solids, it is ideal for installation with guide rain.



KEY ADVANTAGES OF A VORTEX PUMP

1. INCOLMATAGE

The vortex impeller creates a vortex that leads to most solids without contact with the turbine and the fibrous materials are repelled and can not hold on to the turbine.

2. MINIMUM WEAR + CONSISTENT PERFORMANCE

The Vortex pump wear is very low because most of the solids pumped passes through the volute without touching the turbine. The yield remains constant over a long period.

3. LOW MAINTENANCE + NO ADJUSTMENT

The position of the wheel back in the volute eliminates the risk of blockage and sudden loss of performance. No adjustment is necessary and the cost of maintenance and operation are low and constant.

USE

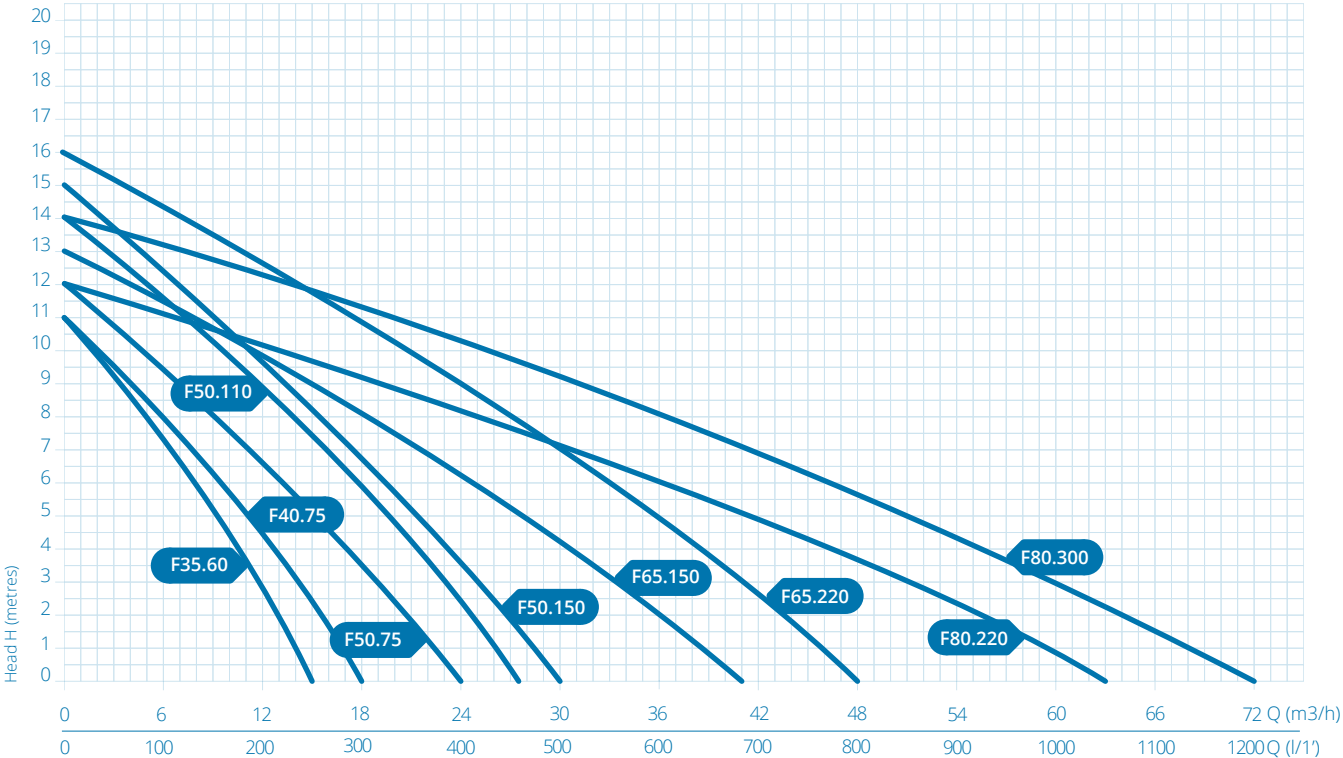
Water loaded with suspended matter. All wastewater from homes, including toilets from 50 mm to pass
Front outlet is ideal for installations with guide rail
Immersion depth of 10 m

FEATURES

- Motor casing in stainless steel;
- Volute pump in cast iron, stainless steel shaft;
- Engine oil bath class F, 10 m cable, built-in capacitor (to phase);
- Double seals, lip seals and reinforced carbon ceramic mechanical seal;
- Single-phase models with or without float float (type A).

CHARACTERISTIC CURVES AND PERFORMANCE DATA

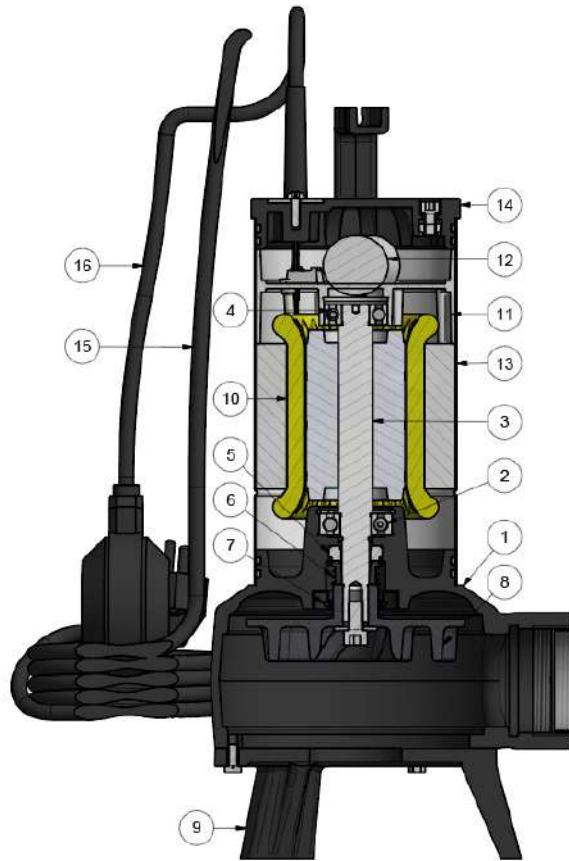
50Hz



TYPE	POWER kW	MOTOR			PORT		Q	m³/h															
		A	1~ µF	3~ A	ø mm	DN		0	3	6	9	12	15	18	24	27	30	36	48	60	72		
							l/min	0	50	100	150	200	250	300	400	450	500	600	800	1000	1200		
F 35.60	0,6	5,2	16	1,4	33	1" ¼		11	10	8	5,7	3	0										
F 40.75	0,75	6,4	20	2,6	38	1" ½		11	9,7	8,4	6,8	5	2,7	0									
F 50.75		7,7	20	2,8				12	11,4	10,3	9	7,7	6,2	4,6	1								
F 50.110	1,1	8,9	35	3,0	50	2"		14	13	12	11	9,5	8	6,4	2,7	0,7							
F 50.150	1,5	9,8	35	3,7			H - meters	15	14	13	12	10,8	9,4	7,8	4,4	2,4	0						
F 65.150		11,3	40	4,8	65	2" ½		13	12,5	12	11	10	9	8	6	5	4	2,2					
F 65.220		-	-	6,1				16	15,3	14,4	13,5	12,6	11,7	10,7	8,8	8	7	5	0				
F 80.220	2,2	12,2	50	5				12	11,5	11	10,5	10	9,6	9	8,1	7,6	7	6	3,5	0,8			
F 80.300		-	-	8	80	3"		14	13,7	13,3	13	12,5	12	11,6	10,6	10	9,5	8,4	6	3	0		



COMPONENTS AND MATERIALS

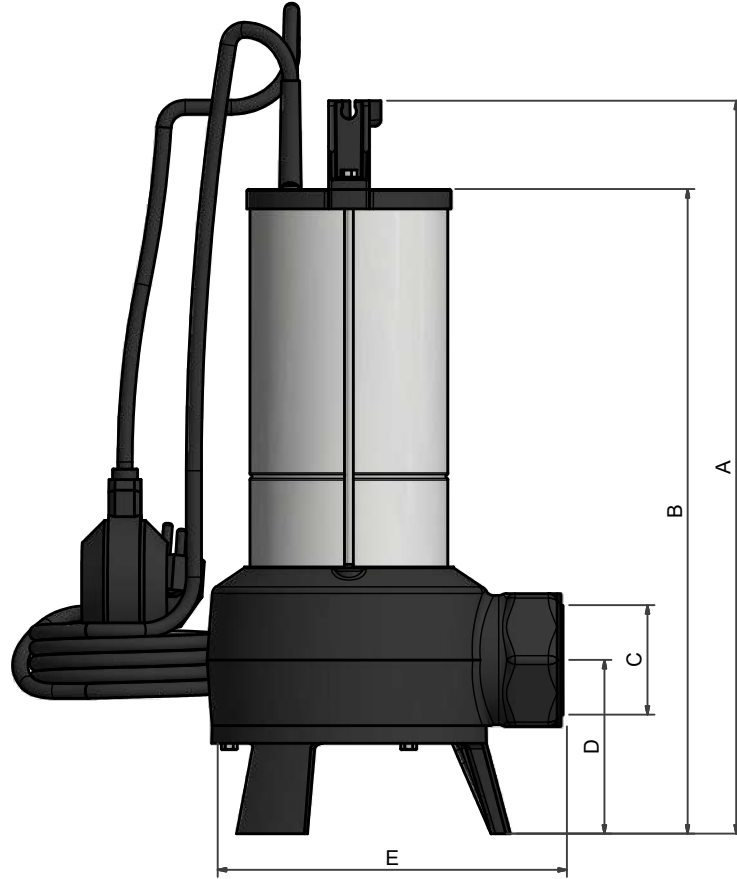


POS. COMPONENT

MATERIALS

1	Body Vortex Pump F50.75	Cast Iron
2	Bearing	Steel
3	Rotor / Shaft	Steel and Aluminum / Stainless Steel
4	Bearing	Steel
5	Mechanical Seal Fixe	Nitrile Rubber / Ceramics
6	Mechanical Seal Mobile	Graphite Steel
7	Lip Seals	Nitrile Rubber
8	Impeller Pump Vortex	Cast Iron
9	Bottom Support Pump Vortex	Cast Iron
10	Stator	
11	Top Engine Support	Aluminium
12	Capacitor	
13	Motor Casing	Stainless Steel
14	Pump Cover	Noryl
15	Power Cable	Neoprene
16	Float	Neoprene / Plastic

DIMENSIONS AND WEIGHT



TYPE	DIMENSIONS (mm)					WEIGHT	
	A	B	C	ØD	ØE (passage)	F	Kg
F 35.60	338	288	70	1"¼	33	174	11,5
F 40.75	368	318	85	1"½	38	177	13,5
F 50.75	413	363	—	—	—	200	15,5
F 50.110	432	383	98	2"	50	210	20,0
F 50.150	442	393	—	—	—	210	20,5
F 65.150	483	435	—	—	—	217	22,0
F 65.220	493	445	115	2" ½	65	217	25,0
F 80.150	520	485	145	3"	80	240	28
F 80.220	535	500	—	—	—	240	30

SEWAGE SV

submersible pump for
sewage water



wastewater



domestic use

Horizontal outlet

The range Vortex SV is designed for pumping of sewage with suspended solids, it is ideal for installation with guide rain.

KEY ADVANTAGES OF A SV PUMP

1. INCOLMATAGE

The vortex impeller creates a vortex that leads to most solids without contact with the turbine and the fibrous materials are repelled and can not hold on to the turbine.

2. MINIMUM WEAR + CONSISTENT PERFORMANCE

The Vortex pump wear is very low because most of the solids pumped passes through the volute without touching the turbine. The yield remains constant over a long period.

3. LOW MAINTENANCE + NO ADJUSTMENT

The position of the wheel back in the volute eliminates the risk of blockage and sudden loss of performance. No adjustment is necessary and the cost of maintenance and operation are low and constant.

USE

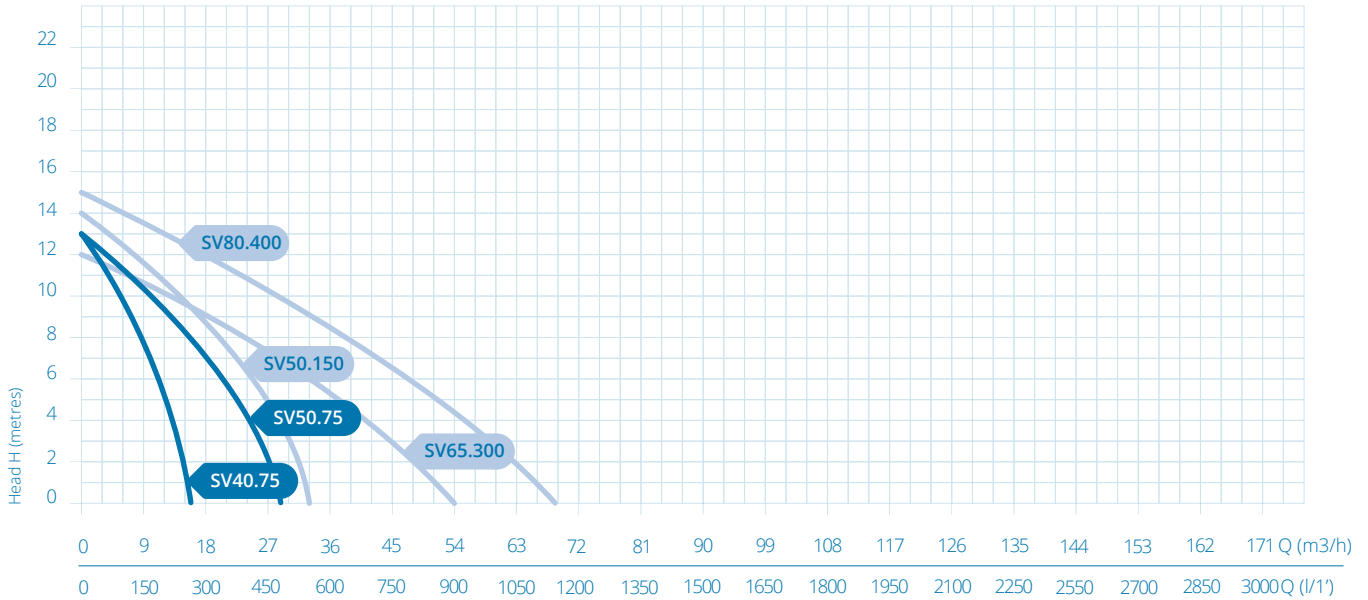
Water loaded with suspended matter. All wastewater from homes, including toilets from 65 mm to pass. Front outlet is ideal for installations with guide rail
Immersion depth of 10 m.

FEATURES

- Protection box in monophasic version;
- Motor casing and volute pump head and impeller in cast iron, stainless steel shaft;
- Engine oil bath class F, 10m cable;
- Double seals, lip seals and mechanical seal SIC-SIC.

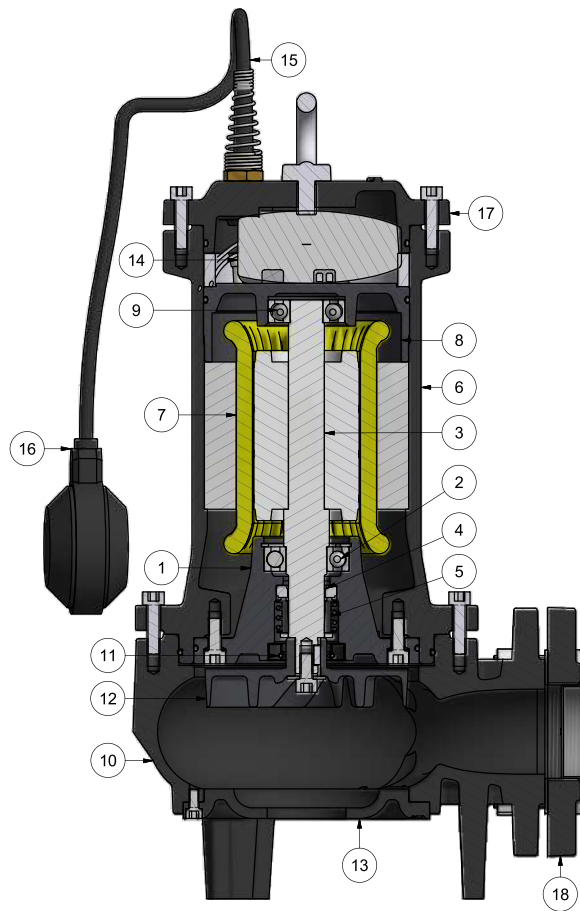
CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz



TYPE	POWER kw	MOTOR			PORT DN	Q	m³/h																
		A	1~ µF	3~ A			0	6	9	12	15	18	21	24	27	30	36	48	54	66			
						l/min	0	100	150	200	250	300	350	400	450	500	600	800	900	1000			
SV 40.75	0,75	4,8	20	1,4	40		13	10	7,8	5,3	2,4												
SV 50.75		7,2	20	2,8			13	10,9	9,6	8,2	6,7	5,1	3,4	1,5									
SV 50.150	1,5	8,6	40	3	50	H - meters	14	12,9	12,1	11,1	9,8	8,4	6,7	4,8	2,8	0,5							
SV 65.300	3	-	-	4,8		65		12	11,8	11,6	11,3	10,9	10,5	10,1	9,5	8,9	8,3	6,7	2,9	0,6			
SV 80.400	4	-	-	8,8	80		15	14,7	14,4	14,2	13,9	13,5	13,1	12,7	12,2	12	11	7,9	6,3	2,6			

COMPONENTS AND MATERIALS

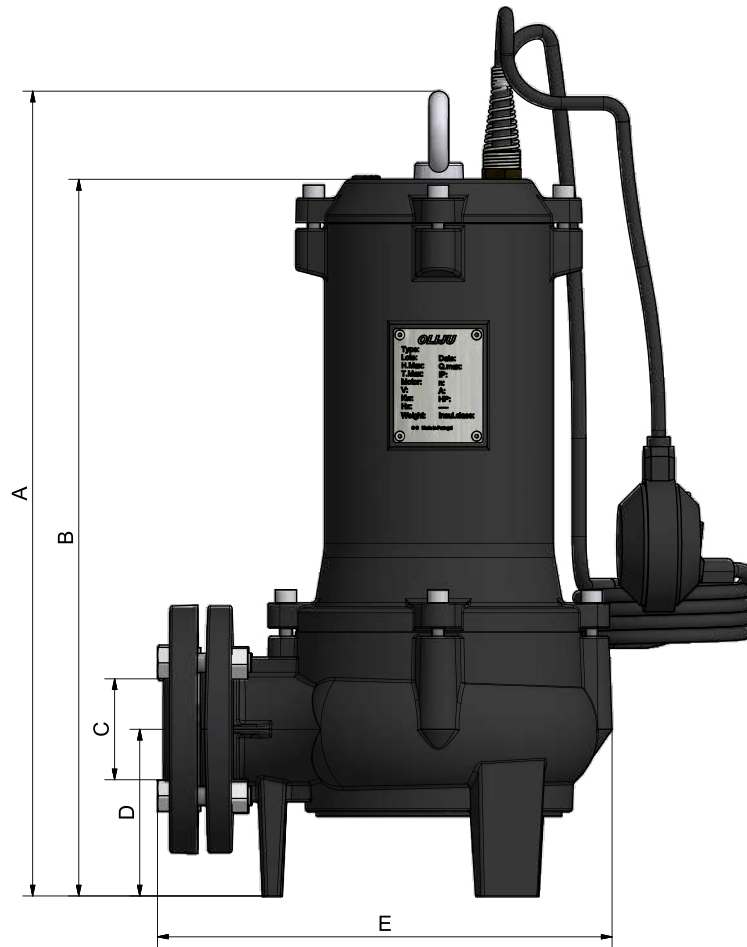


POS. COMPONENT

MATERIALS

POS.	COMPONENT	MATERIALS
1	Rotor Support	Cast Iron
2	Bearing	Steel
3	Rotor / Shaft	Steel and Aluminum / Stainless Steel
4	Mechanical Seal Fixe	Nitrile Rubber / Ceramics
5	Mechanical Seal Mobile	Graphite Steel
6	Motor Casing	Cast Iron
7	Stator	
8	Top Engine Support	Cast Iron
9	Bearing	Steel
10	Body Pump	Cast Iron
11	Lip Seals	Nitrile Rubber
12	Impeller	Cast Iron
13	Bottom Cover	Cast Iron
14	Condenser	
15	Power Cable	Neoprene
16	Float	Neoprene / Plastic
17	Top Cover	Cast Iron
18	Flange	Cast Iron

DIMENSIONS AND WEIGHT



TYPE	DIMENSIONS (mm)							WEIGHT Kg
	A	B	C	D	ØE	ØF	G	
SV 40.75	443	387	203	84	11	102	1½"	22
SV 50.75	466	410	208	98			2"	23
SV 50.150	492,5	438,5	252	102	13	115		34
SV 65.300	536	481	310	127	18		2½"	45
SV 80.400	598	544	309	150,5		145	3"	60

SEWAGE MC

submersible pump for
sewage water



wastewater



domestic use

Vertical outlet

KEY ADVANTAGES OF A MC PUMP

USE

Pumping of sewage and industrial water.

The impeller single channel allows the passage of solids and reduces the risk of clogging.

Particle diameter: 50mm for MC 50 and 65mm for the MC 65.

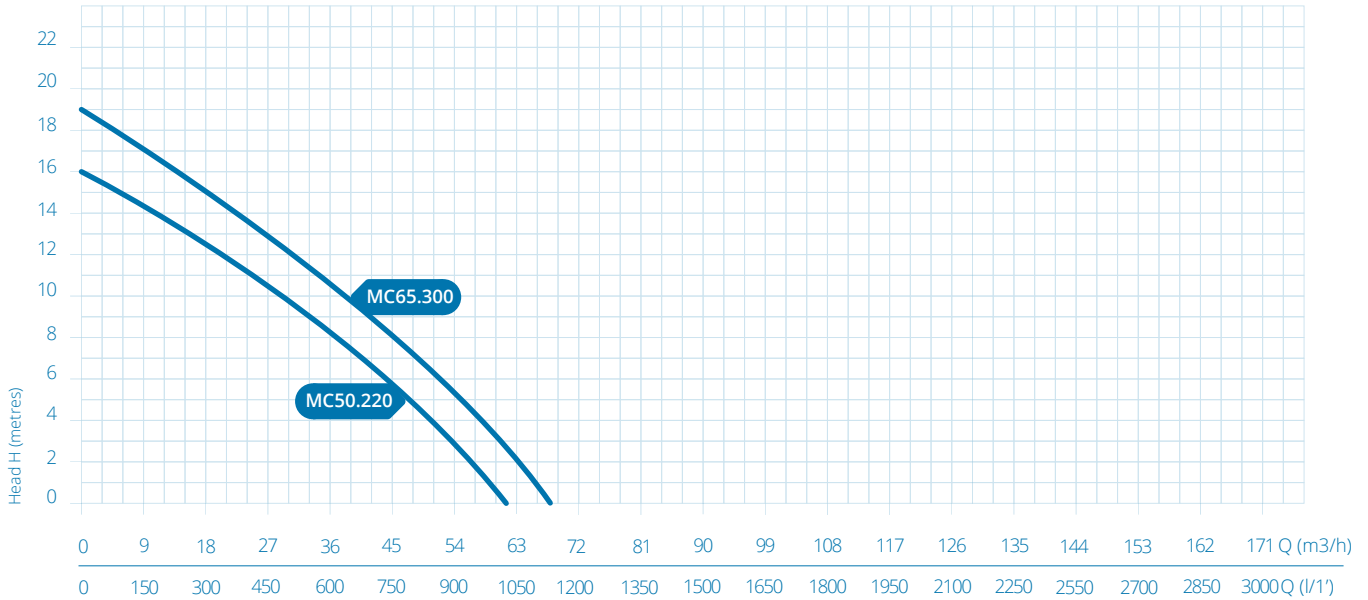
Immersion depth of 10m.

FEATURES

- Casing and pump body in special cast iron, cast iron wheel single-channel;
 - Motor shaft in stainless steel AISI420;
 - Engine oil bath, insulation class F.
- 20m power cable neoprene;
- Double seals, lip seals and reinforced carbon ceramic mechanical seal.

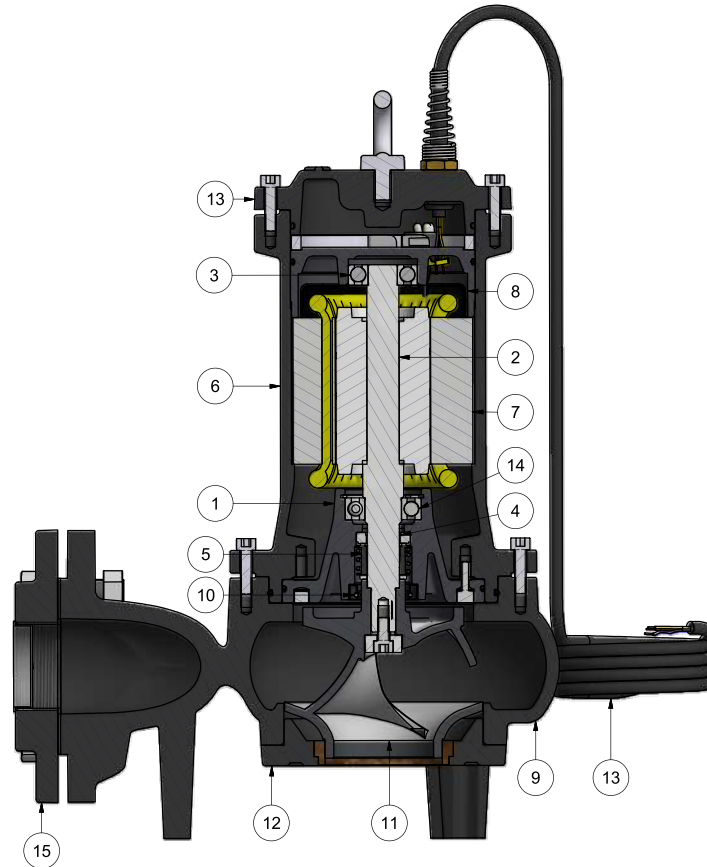
CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz



TYPE	POWER kW	MOTOR		PORT DN	Q	Flow (Q)																							
		A	µF			m³/h		l/min																					
MC 50.220	2,2	4,2	-	50		0	9	15	18	21	24	30	36	42	48	54	60	0	150	250	300	350	400	500	600	700	800	900	1000
MC 65.300	3,0	4,8	-	65		16	14,5	13,4	12,8	12,2	11,5	10	8,4	6,6	4,7	2,6	0,3	19	17	15,7	15	14,2	13,5	12	10,3	8,6	6,8	4,9	2,9

COMPONENTS AND MATERIALS

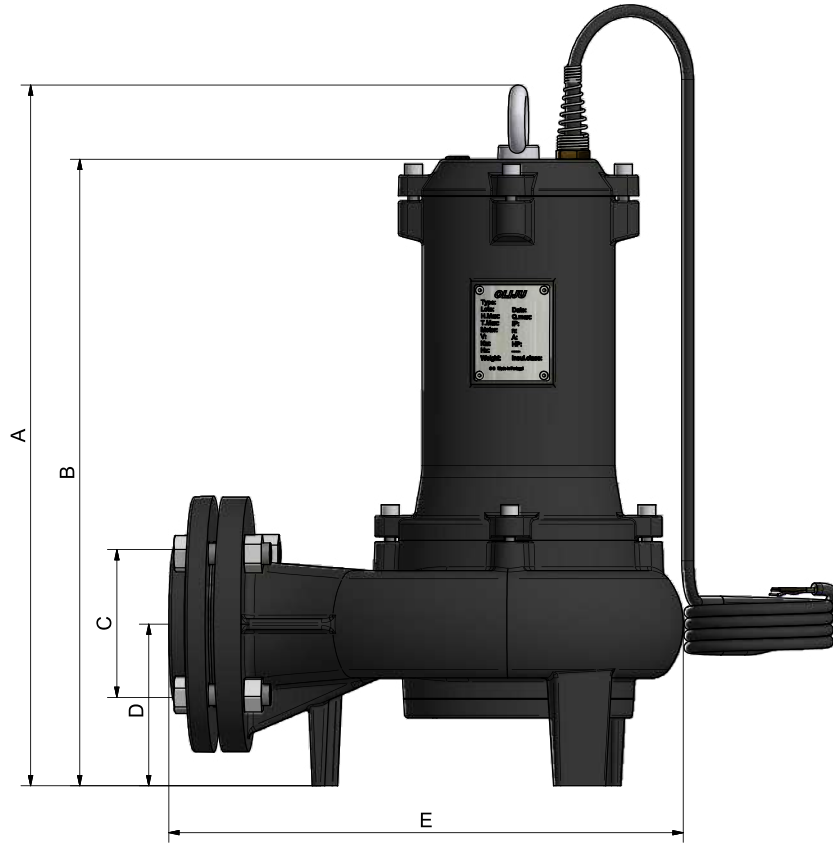


POS. COMPONENT

MATERIALS

POS.	COMPONENT	MATERIALS
1	Rotor Support	Cast Iron
2	Rotor / Shaft	Steel and Aluminum / Stainless Steel
3	Bearing	Steel
4	Mechanical Seal Fixe	Nitrile Rubber / Ceramics
5	Mechanical Seal Mobile	Graphite Steel
6	Motor Casing	Cast Iron
7	Stator	
8	Top Engine Support	Cast Iron
9	Body Pump	Cast Iron
10	Lip Seals	Nitrile Rubber
11	Impeller	Cast Iron
12	Cover Impeller	Cast Iron
13	Power Cable	Neoprene
14	Bearing	Steel
15	Flange 2"	Cast Iron

DIMENSIONS AND WEIGHT



TYPE	DIMENSIONS (mm)					WEIGHT Kg
	A	B	ØC	ØD	E	
MC 50.220	511	116	200	DN 50	340	45
MC 65.300				DN 65		46

SEWAGE GRINDER

submersible pump for sewage water



wastewater



domestic use

Vertical outlet

The range Grinder is designed for pumping sewage with solids and fibers, it is ideal for installation with guide raid.



KEY ADVANTAGES OF A GRINDER PUMP

The pump OLJU Ginder is a grinder pump system and is designed for applications of sewage with solids and fibers. The grinder system ensures that all the solids and fibers are broken in small pieces in order to pass in small tubes and passing the centrifugal pump without blocking the rotor.

The grinder system is easy to replace minimizing downtime the pump and making maintenance quick and easy.

USE

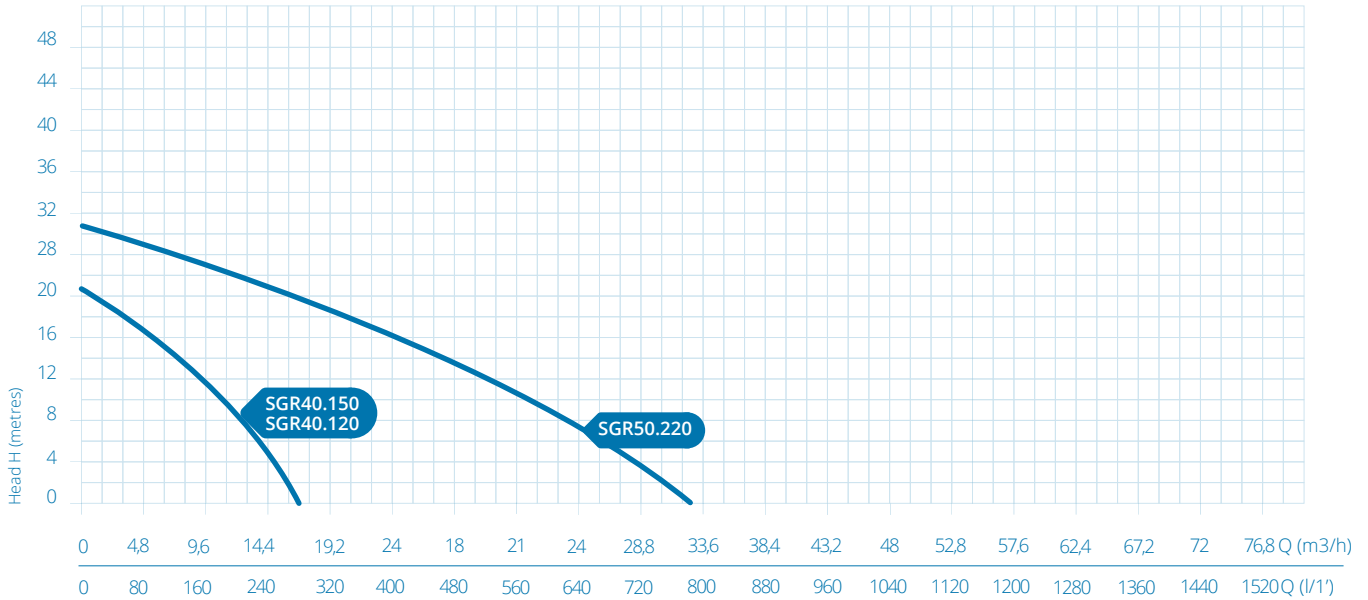
Water loaded with solids and fibers.
All wastewater from homes, including toilets.
Front outlet is ideal for installations with guide rail
immersion depth of 10m.

FEATURES

- Protection box in monophasic version;
- Grinder system, impeller in cast iron, stainless steel shaft, motor body inox on GR and cas iron on SGR;
- Engine oil bath class F;
- Double seals, lip seals and reinforced carbon ceramic mechanical seal;
- Single-phase models with ou without float (typeA).

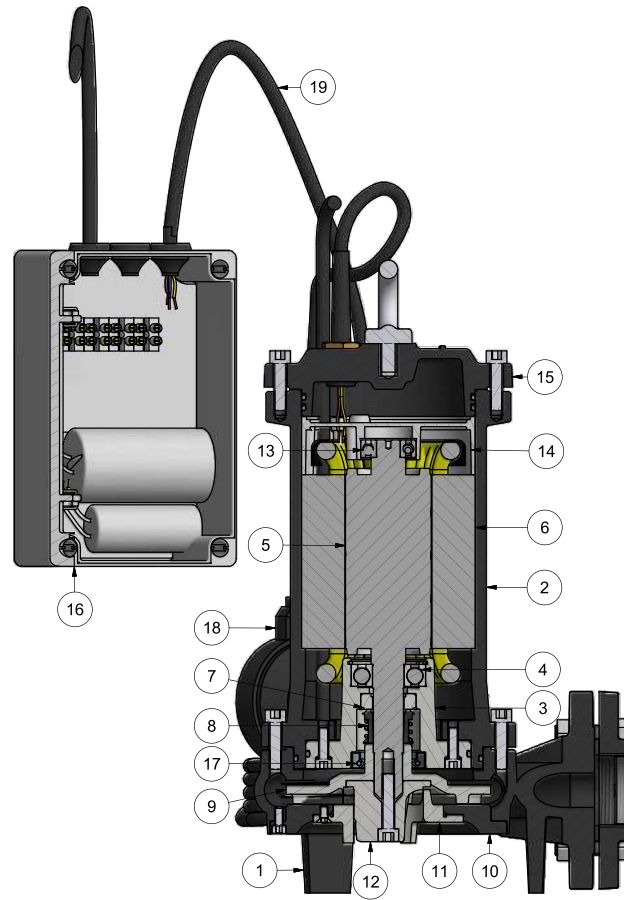
CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz



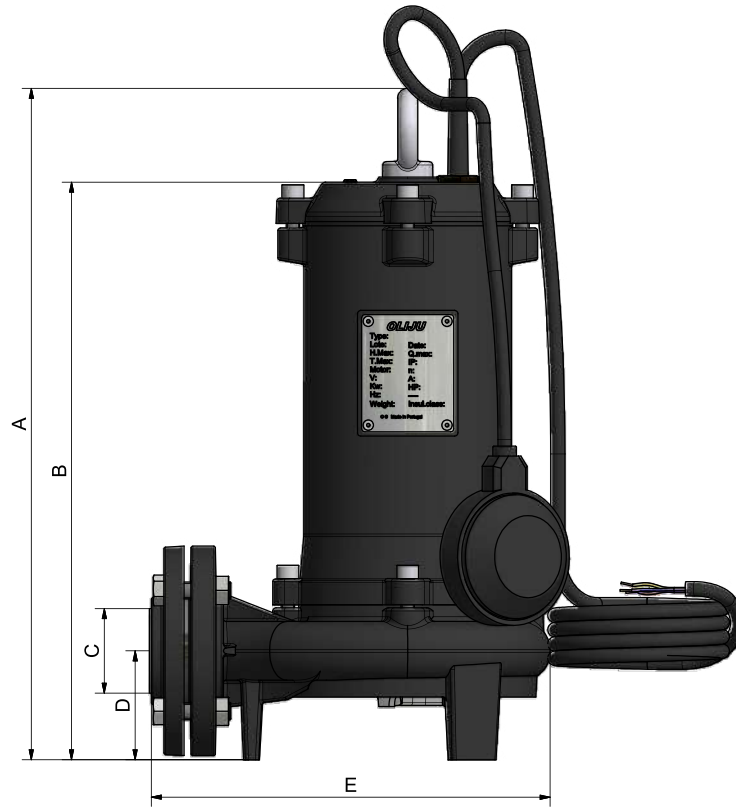
TYPE	POWER kW	MOTOR			PORT DN	Q	m³/h														
		1~ A	μF	3~ A			0	3	6	9	12	15	18	24	27	30	36	48	60	72	
SGR 40.150	1,5	7,2	35	-	1" ½	0	50	100	150	200	250	300	400	450	500	600	800	1000	1200		
SGR 40.120	1,2	-	-	2,1		21	20	18,8	17,4	15,9	14,2	10,3	8,1	3,1							
SGR 50.220	2,2	10	40	4,6	2	30	30,3	30,2	29,8	29,2	28,2	25,2	23,3	18,4	12,3	4,9					

COMPONENTS AND MATERIALS



POS.	COMPONENT	MATERIALS	POS.	COMPONENT	MATERIALS
1	Body Pump	Cast Iron	13	Bearing	Steel
2	Motor Casing	Cast Iron	14	Top Engine Support	Aluminum
3	Rotor Support SGR	Cast Iron	15	Top Cover	Cast Iron
4	Bearing	Steel	16	Simple Cover board	
5	Rotor / Shaft	Steel and Aluminum / Stainless Steel	17	Lip Seals	Nitrile Rubber
6	Stator		18	Float	Neoprene Plastic
7	Mechanical Seal Fixe	Nitrile Rubber / Ceramics	19	Power Cable	Neoprene
8	Mechanical Seal Mobile	Graphite Steel			
9	Impeller	Cast Iron			
10	Bottom Cover	Cast Iron			
11	Crushed Dish	Stainless Steel			
12	Crusher	Stainless Steel			

DIMENSIONS AND WEIGHT



TYPE	DIMENSIONS (mm)							WEIGHT Kg
	A	B	C	D	ØE	ØF	G	
SGR 40.150	404	352	237	65	11	102	1"½	26,5
SGR 40.120								
SGR 50.220	470	415	294	95	13	110	2"	36

WELLS AQUALIJU

submersible pump for wells



clean water



domestic use

Vertical outlet

DN 1" - AJ
DN 1" ¼ - A
DN 1" ½ - AC
DN 2" - AB



KEY ADVANTAGES OF A AQUALIJU PUMP

The range of well pumps multistage AQUALIJU benefits from the latest technological advances. Its vacuum system ensures the engine's cooling by channeling water in a jacket.

The combination of stainless steel for the turbines and glass fiber reinforced NORYL for broadcasters, provides excellent resistance to abrasion due to sand for maximum efficiency.

USE

Domestic, agricultural, industrial irrigation - Transfer and pressure.

Maximum fluid temperature: 35°

Sand content capacity: 60g/m³

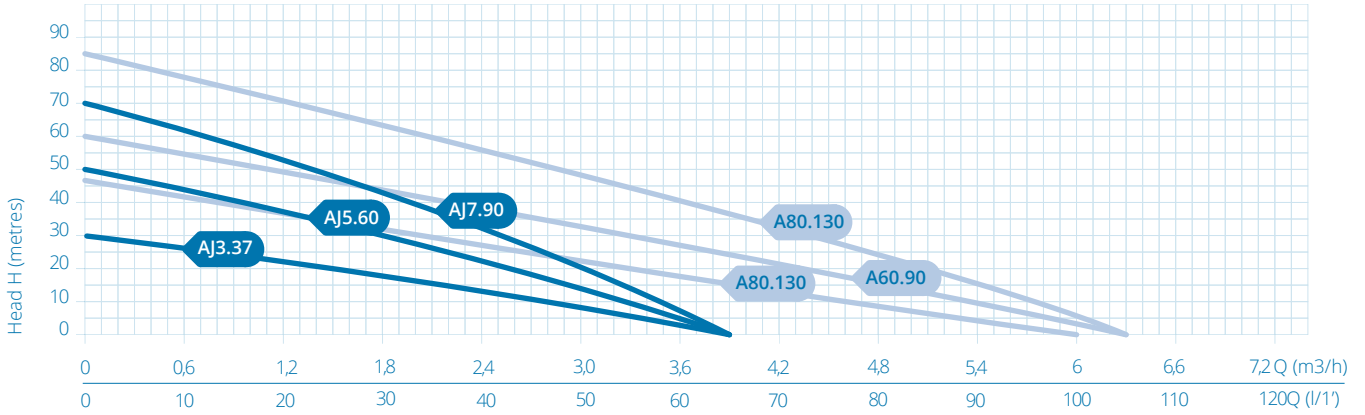
Maximum number of start-up time: 30/h

FEATURES

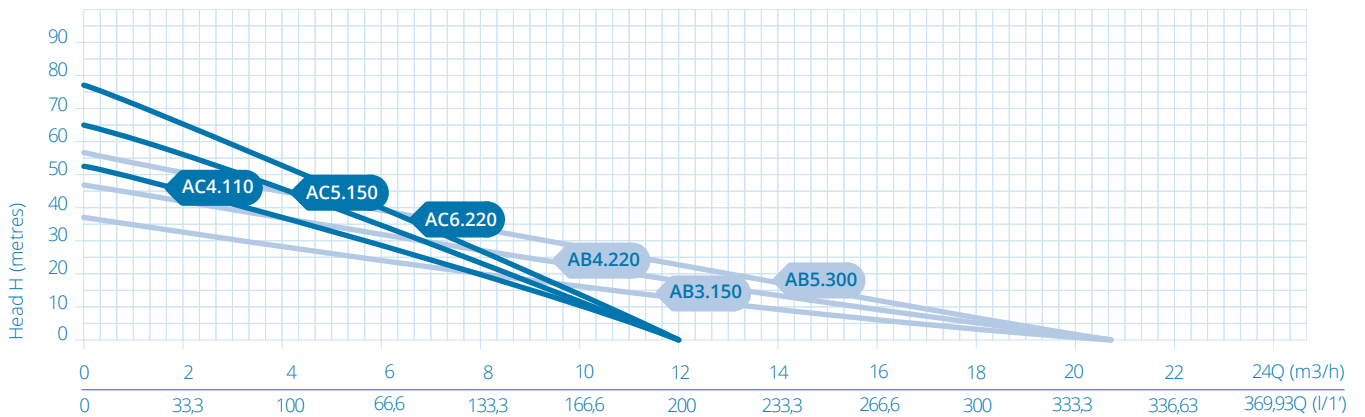
- Asynchronous single-phase 230V, three phase 400V - Class F;
- Engine oil immersed food, non-toxic, non-polluting;
- Stainless steel shaft 420B - Protection IP 58;
- Strainer, motor casing, pump head stainless steel 304;
- Double sealing lip seal reinforced and carbon ceramic mechanical seal;
- Possibility of SIC / SIC request.

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50Hz

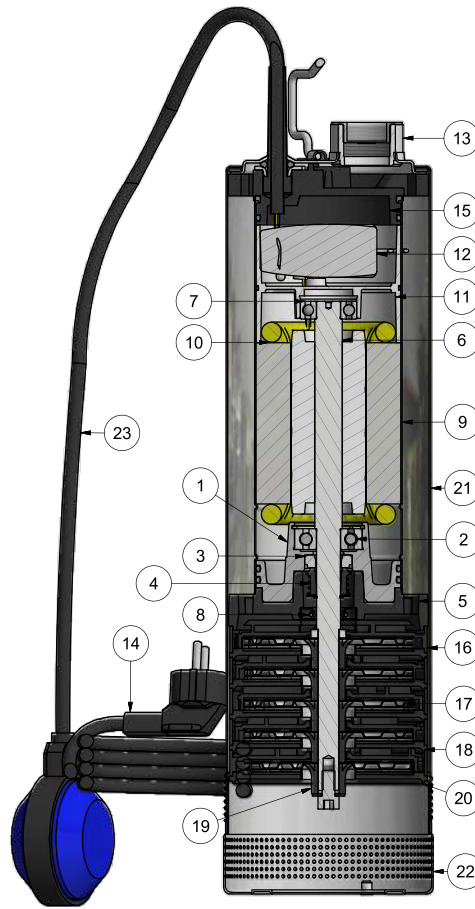


50Hz



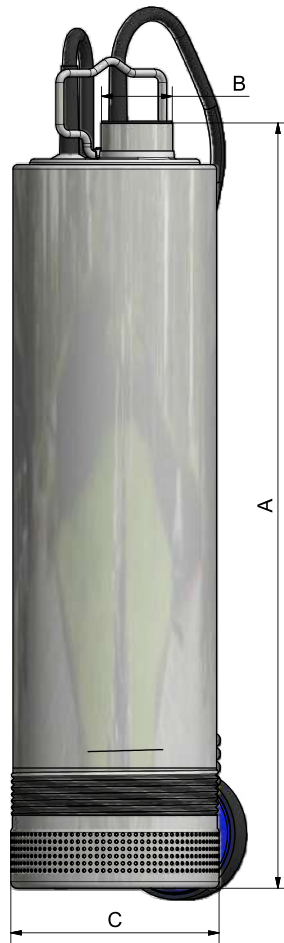
TYPE	POWER kW	MOTOR		PORT DN	Q	m³/h																		
		1~ A	μF			3~ A	0	0,6	1,2	1,8	2,4	3	4,5	5,7	9	10,5	12	15	18	19,8				
AJ 3.37	0,37	2,6	12	1,2	1"	0	10	20	30	40	50	75	95	150	175	200	250	300	330					
AJ 5.60	0,6	4,1	16	1,4	1"	30	28	25	21	16	11	8												
AJ 7.90	0,9	5,8	20	2,1	1"	50	47	42	35	28	18	13												
						70	63	54	44	34	22	15												
A 40.60	0,6	4,6	16	1,8	1 1/4"		47	44	41	37	33	29	26	15										
A 60.90	0,9	6,0	20	2,3	1 1/4"		60	57	53	49	45	40	38	26										
A 80.130	1,3	8,4	30	3,0	1 1/4"		85	82	77	72	66	59	55	37										
H - meters																								
AC 4.110	1,1	10	40	3,9	1 1/2"		53	52,5	51,5	50	49	48	47	44	40	39	23	14						
AC 5.150	1,5	12	50	4,6	1 1/2"		65	64	63	62	60	58	57	54	49	48	31	18						
AC 6.220	2,2	14	50	5,0	1 1/2"		77	75	74	72	70	68	67	63	56	55	35	21						
AB 3.150	1,5	11	50	3,6	2"		36	35,5	35	34,5	34	33	31	32	30	29	26	24	16	6				
AB 4.220	2,2	12	50	4,2	2"		46	45,5	45	44,5	44	43	42	41	40	39	35	33	24	9				
AB 5.300	3,0	-	-	6	2"		57	56,5	56	55,5	55	54	53	52	50	49	44	41	30	13				

COMPONENTS AND MATERIALS



POS.	COMPONENT	MATERIALS	POS.	COMPONENT	MATERIALS
1	Bearing Holder Support	Cast Iron	13	Outside Higher Cover	Stainless Steel
2	Bearing	Steel	14	Power Cable	Neoprene
3	Mechanical Seal Fixe	Nitrile Rubber / Ceramics	15	Head	Noryl
4	Mechanical Seal Mobile	Graphite Steel	16	Initial Diffuser	Noryl
5	Bearing Holder Support	Noryl	17	Impeller	Stainless Steel
6	Rotor / Shaft	Steel and Aluminium / Stainless Steel	18	Diffuser Lid Welded	Noryl
7	Bearing	Steel	19	Bushing for Impeller	Noryl
8	Lip Seals	Nitrile Rubber	20	Diffuser Cover	Noryl
9	Motor Casing	Stainless Steel	21	External Motor Casing	Stainless Steel
10	Stator		22	Aspiration Filter	Stainless Steel
11	Top Engine Support	Aluminium	23	Float	Neoprene Plastic
12	Capacitor				

DIMENSIONS AND WEIGHT



TYPE	DIMENSIONS (mm)			WEIGHT
	ØA	ØB	H	Kg
AJ 3.37			360	8,5
AJ 5.60	1"	117	420	10,5
AJ 7.90			470	12,0
A 40.60			470	12,5
A 60.90	1"¼	128	505	13,0
A 80.130			580	16,0
AC 4.110			450	21,0
AC 5.150	1"½	150	475	22,0
AC 6.220			515	23,5
AB 3.150			486	22,0
AB 4.220	2"	150	536	23,5
AB 5.300			570	25,0

SURFACE PRESSURE CMH

surface pump multistage



clean water



domestic use

Horizontal outlet

DN 1" - CMH 10, CMH 20

DN 1" ¼ - CMH 30, CMH 40



CHARACTERISTICS OF A CMH PUMP

1. CONSTRUCTION

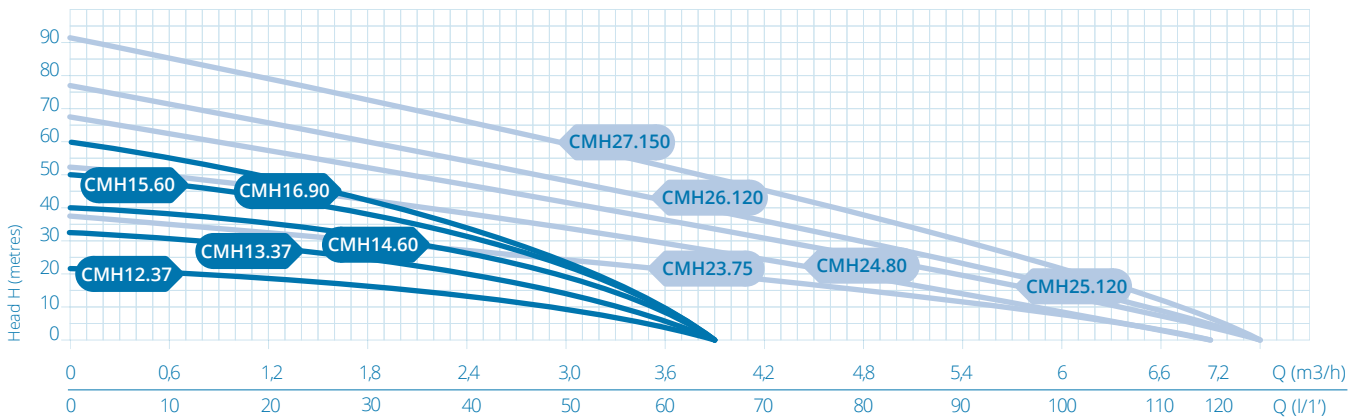
Suction and discharge body in cast iron
Exterior shell, shaft and impeller in stainless steel, diffuser in Noryl
Sealing by mechanical seal carbon ceramic
Possibility of SIC / SiC on request

2. MOTOR

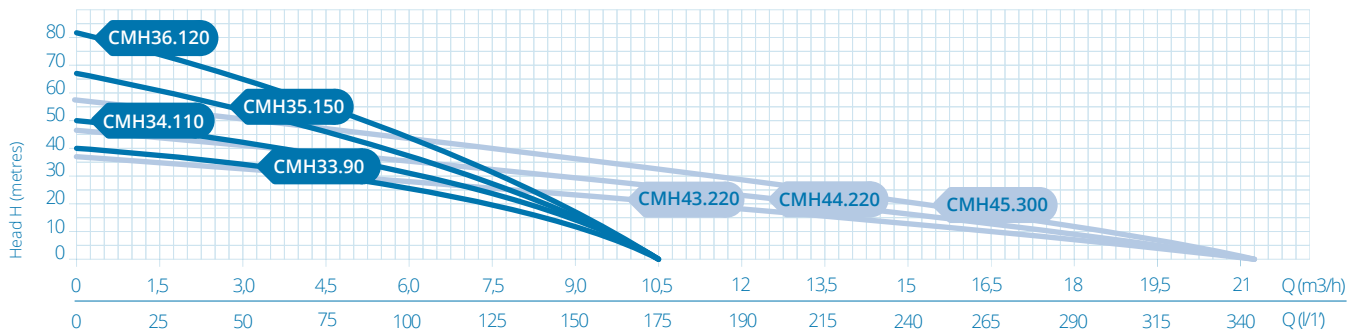
Protection IP44, insulation class F
Capacitor incorporated in single phase
Maximum water temperature 35°

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50Hz

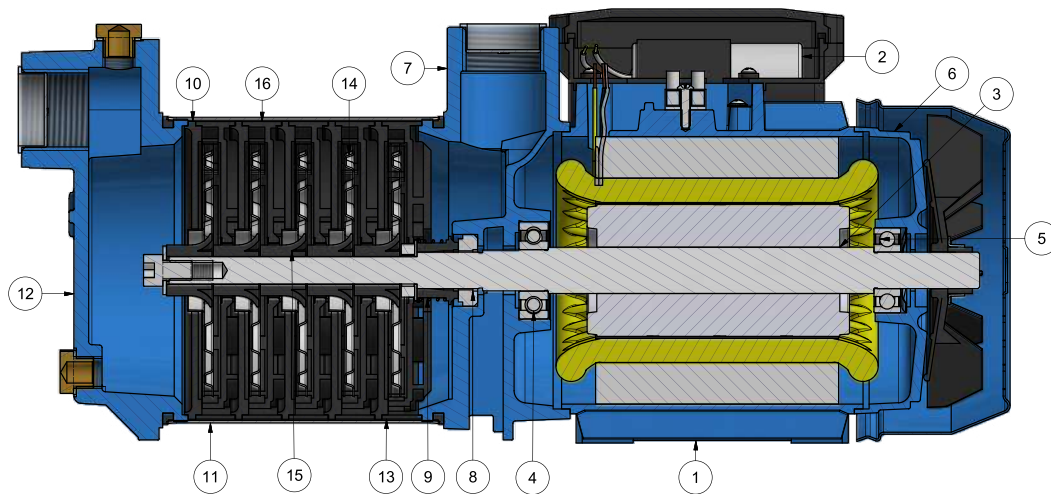


50Hz



TYPE	POWER kW	MOTOR			PORT DN	Q	m³/h																		
		1~ A	μF	3~ A			0	0,6	1,2	1,8	2,4	3	4,5	5,7	9	10,5	12	15	18	19,8					
CMH 12.37	0,37	2,2	10	1,1	1"	l/min	0	10	20	30	40	50	75	95	150	175	200	250	300	330					
CMH 13.37		2,6	12	1,2		21	20	18	15	12	7														
CMH 14.60	0,6	3,45	14	1,4		32	30	27	23	18	11														
CMV 15.60		3,9	18	1,6		40	37	33	28	22	14														
CMH 16.90	0,9	4,9	20	1,9		50	46	41	34	26	17														
CMH 23.75	0,75	4,2	16	1,8	1"	38	37	36	35	33	29	19	10												
CMH 24.80	0,8	5,4	16	2,3		52	51	48	46	43	39	27	15												
CMH 25.120	1,2	7,2	20	2,8		H - meters	67	65,5	63	59	56	51	39	24											
CMH 26.120		7,8	25	3,5		78	76,5	74	71	67	62	46	29												
CMH 27.150	1,5	8,6	25	3,8		91	89	86	84	80	75	59	39												
CMH 33.90	0,9	7	25	3,3	1 1/4"	40	39,5	39	38	37	36	32	28	13,5	4,5										
CMH 34.110	1,1	9	35	3,5		50	49,5	49	48,5	48	47	43	39	20	7,5										
CMH 35.150	1,5	11,8	40	4,2		66	65,5	65	64	63	62	57	52	28	11										
CMH 36.120	2,2	12,4	50	5		81	80,5	79,5	78	76	75	69	63	36	14,5										
CMV 43.220	2,2	11	40	3,6	1 1/2"	36	35,5	35	34,5	34	33	32	30	26	24	22	16	10	6						
CMV 44.220		12	40	4,2		46	45,5	45	44,5	44	43	42	40	35	33	30	24	15	9						
CMV 45.300.3	3	-	-	6	57	56,5	56	55,5	55	54	53	50	44	41	38	30	22	13							

COMPONENTS AND MATERIALS

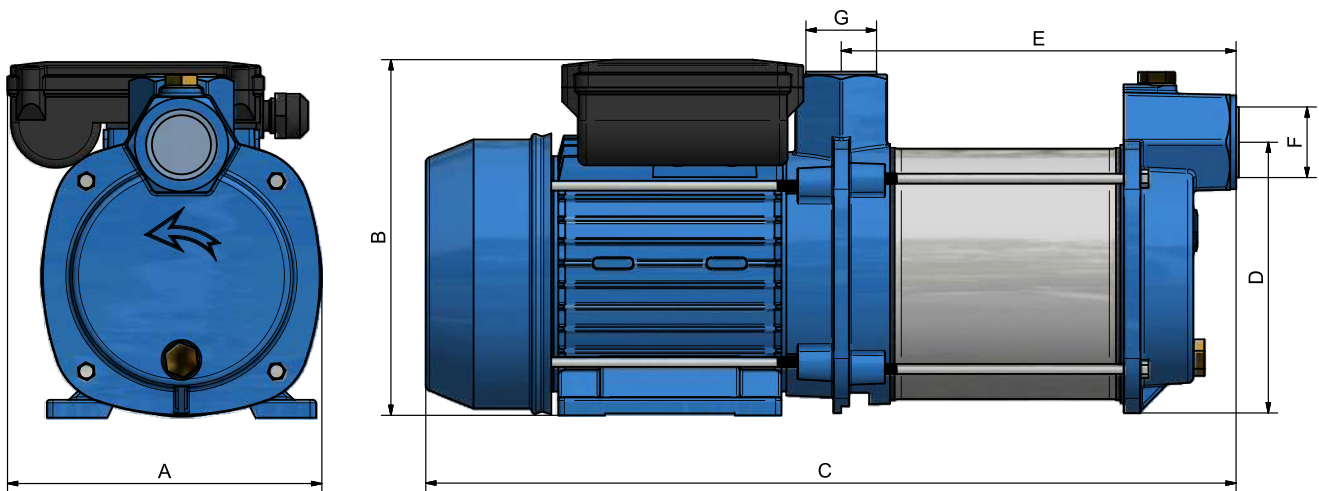


POS. COMPONENT

MATERIALS

1	Stator on Casing	
2	Capacitor	
3	Rotor / Shaft	Steel and Aluminium / Stainless Steel
4	Bearing	Steel
5	Bearing	Steel
6	Cover	Aluminium
7	Body Impulse	Iron Cast
8	Mechanical Seal Fixe	Noryl
9	Mechanical Seal Mobile	Nitrile Rubber / Ceramics
10	Diffuser Cover	Graphite Steel
11	Motor Casing	Noryl
12	Aspiration Body	Stainless Steel
13	Initial Diffuser	Iron Cast
14	Impeller	Noryl
15	Bushing Noryl For Impeller	Stainless Steel
16	Diffuser Lid Welded	Stainless Steel

DIMENSIONS AND WEIGHT



TYPE	DIMENSIONS (mm)						WEIGHT Kg
	A1	A2	R	I	L	M	
CMH 12.37	108	147	128,5	155	320	165	8,2
CMH 13.37			154		338		8,3
CMH 14.60			179		355		8,5
CMH 15.60			204		373		9,0
CMH 16.90			229		400		9,2
CMH 23.75	37	171	176	170	400	193	13,0
CMH 24.80			205		424		13,5
CMH 25.120			234		448		14,0
CMH 26.120			263		472		14,5
CMH 27.150			292		496		16,0
CMH 33.90	160	190	202	188	447	215	17,0
CMH 34.110			236		475		17,5
CMH 35.150			269		503		19,0
CMH 36.120			303		531		20,0
CMH 43.220	160	200	250	170	500	200	20
CMH 44.220			290		540		22
CMH 45.300.3			325		610		26

SURFACE PRESSURE CMV

surface pump multistage



clean water



domestic use

Vertical outlet

DN 1" - **CMV 20**

Aspiration 1" 1/2 - Discharge 1"1/4 -
CMV 30, CMV 40



CHARACTERISTICS OF A CMV PUMP

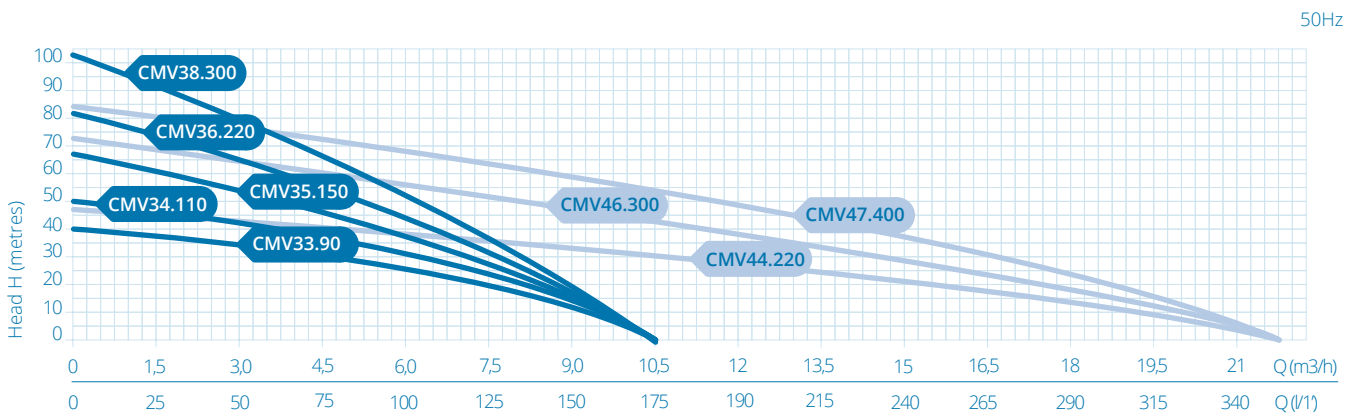
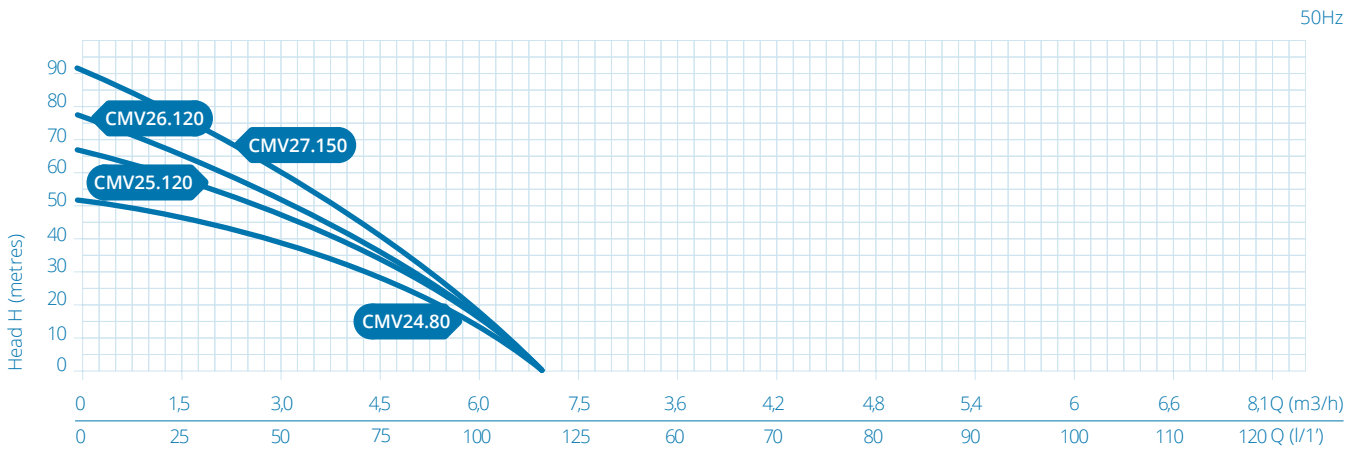
1. CONSTRUCTION

Suction and discharge body in cast iron
Exterior shell, shaft and impeller in stainless steel, diffuser in Noryl
Sealing by mechanical seal carbon ceramic
Possibility of SIC / SiC on request

2. MOTOR

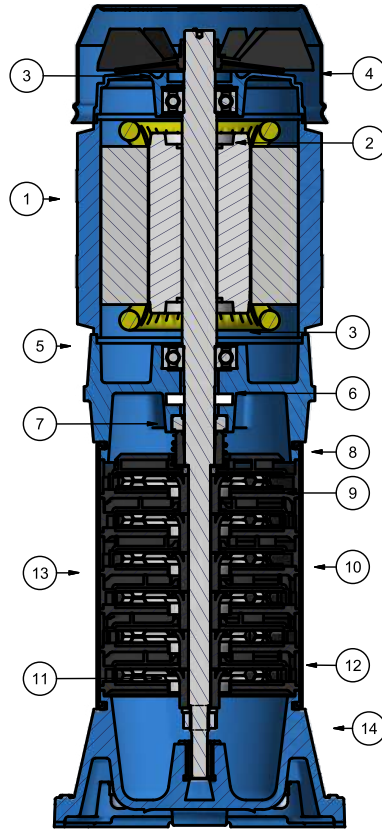
Protection IP44, insulation class F
Capacitor incorporated in single phase
Maximum water temperature 35°

CHARACTERISTIC CURVES AND PERFORMANCE DATA



TYPE	POWER kW	MOTOR			PORT			Q	m³/h																	
		1~ A	μF	3~ A	DN	DNA	DNC		0	0,6	1,2	1,8	2,4	3	4,5	5,7	9	10,5	12	15	18	19,8				
								l/min	0	10	20	30	40	50	75	95	150	175	200	250	300	330				
CMV 24.80	0,8	5,4	16	2,3	1"	-	-		52	51	48	46	43	39	27	15										
CMV 25.120	1,2	7,2	20	2,8							67	65,5	63	59	56	51	39	24								
CMV 26.120		7,8	25	3,5							78	76,5	74	71	67	62	46	29								
CMV 27.150		1,5	8,6	25				3,8				91	89	86	84	80	75	59	39							
CMV 33.90	0,9	6,2	25	3,7	-	1"½	1"¼		40	39,5	39	38	37	36	32	28	13,5	4,5								
CMV 34.110	1,1	8,9	35	3,9							50	49,5	49	48,5	48	47	43	39	20	7,5						
CMV 35.150	1,5	11,2	40	4,6							66	65,5	65	64	63	62	57	52	28	11						
CMV 36.220	2,2	12	50	5							81	80,5	79,5	78	76	75	69	63	36	14,5						
CMV 38.300	3	-	-	6							103	102	99	97	96	94	88	78	32	10						
CMV 44.220	2,2	3	4,5	-							48	47,5	47	46	45	44	42	40	35	33	30	24	15	9		
CMV 46.300	3	4	7,6	-				72	71	70	69	67	66	63	60	54	50	46	36	25	15					
CMV 47.400	4	5,5	11	-				84	83	82	81	80	78	76	72	65	62	57	46	40	23					

COMPONENTS AND MATERIALS

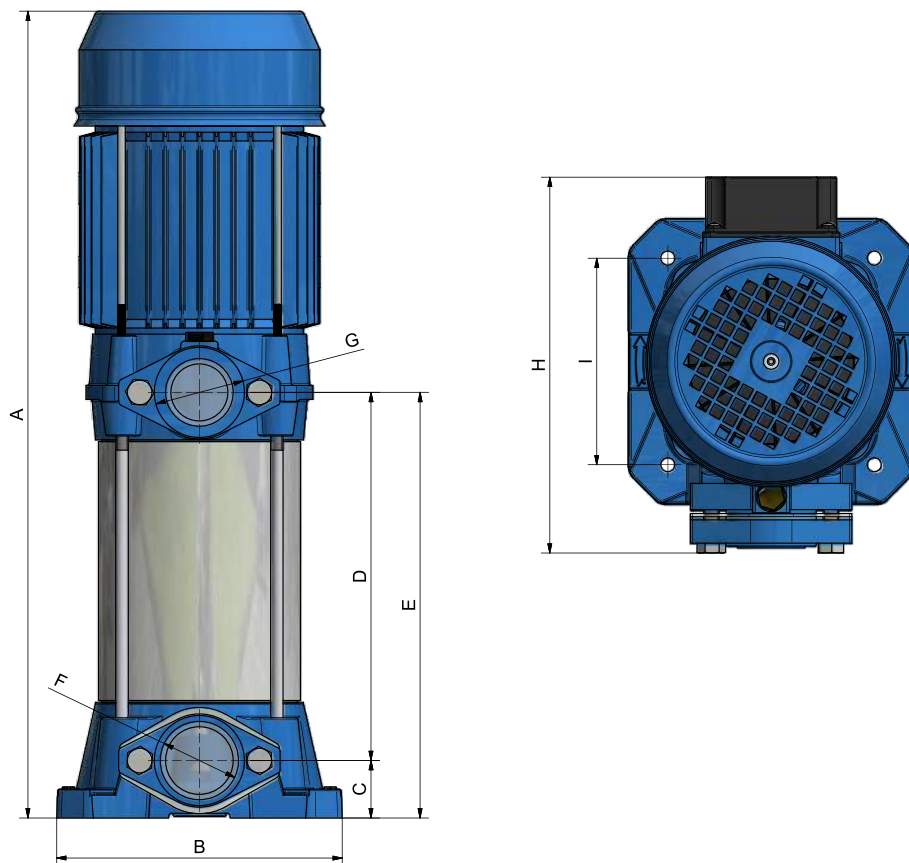


POS. COMPONENT

MATERIALS

1	Stator on Casing	
2	Rotor / Shaft	Steel and Aluminum / Stainless Steel
3	Bearing	Steel
4	Cover	Aluminium
5	Body Impulse	Iron Cast
6	Mechanical Seal Fixe	Nitrile Rubber / Ceramics
7	Mechanical Seal Mobile	Graphite Steel
8	Initial Diffuser	Noryl
9	Impeller	Stainless Steel
10	Diffuser Lid Welded	Noryl
11	Busching Impeller	Plastic
12	Diffuser Cover	Noryl
13	Motor Casing	Stainless Steel
14	Pump Aspiration	Iron Cast

DIMENSIONS AND WEIGHT



TYPE	DIMENSIONS (mm)							WEIGHT	
	A	R1	R2	ØL1	ØL2	L3	M	ØF	Kg
CMV 24.80	21,5	156	177	160	125	177	380	9,5	14,5
CMV 25.120		170	192				400		15
CMV 26.120		190	212				420		15,5
CMV 27.150		210	232				440		17
CMV 33.90	37	164	201	184	133	212	447	9	21,0
CMV 34.110		188,5	226				470		22,0
CMV 35.150		213,5	250,5				495		24,0
CMV 36.220		238	275				520		24,5
CMV 38.300.3		286	323				607		28,0
CMV 44.220.3	37	248	285	184	133	212	596	9	33
CMV 46.300.3		325	362				719		37
CMV 47.400.3		365	402				800		45



CATALOG 2018

Rua da Mariana, n° 362
3885-466 Esmoriz
+ 351 256 181 301
info@oliju.com

www.oliju.com

