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FLUIDMIM

Pumping systems

CENTRIFUGAL PUMPS

SELF-PRIMING CENTRIFUGAL PUMPS

GEAR AND LOBE PUMPS

SCREW PUMPS

PERISTALTIC PUMPS

OTHER APPLICATIONS

Centrifugal pumps

FL20C

Simplified centrifugal pump

FL30CI

Industrial centrifugal pump

FL50CI

Food/sanitary centrifugal pump

FLUID

Hygienic centrifugal pump

FL--CH

Centrifugal pumps with helical impeller

FL20C Simplified centrifugal pump

APPLIACATIONS

The FL20C centrifugal pump is well known for its small size and high performance. Despite their small size, these pumps can provide flows up to 12 m^3/h with good outcomes. FL20C pumps can be used in transferring and handling applications of low viscosity products such as water, oils, glycols and wines.

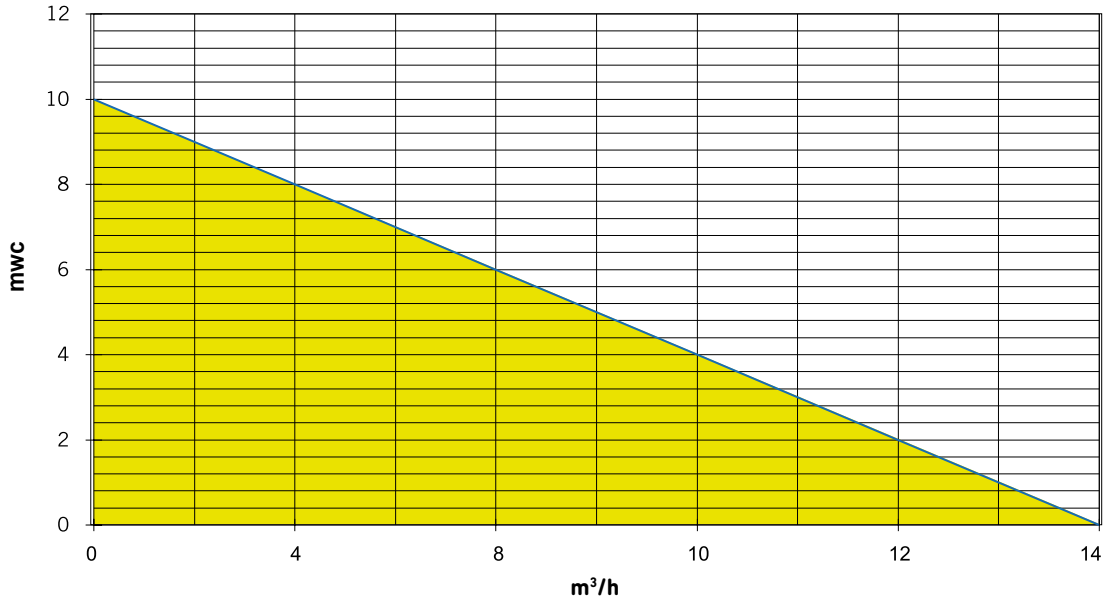
CHARACTERISTICS

Level of finish: Industrial
Material: SS AISI 316
0.37kW motor at 3000 turnovers per minute
0.25kW motor at 1500 turnovers per minute
Impeller: ø90 Half-open impeller
Suction / Discharge: 1" / ¾" BSP

OPTIONS

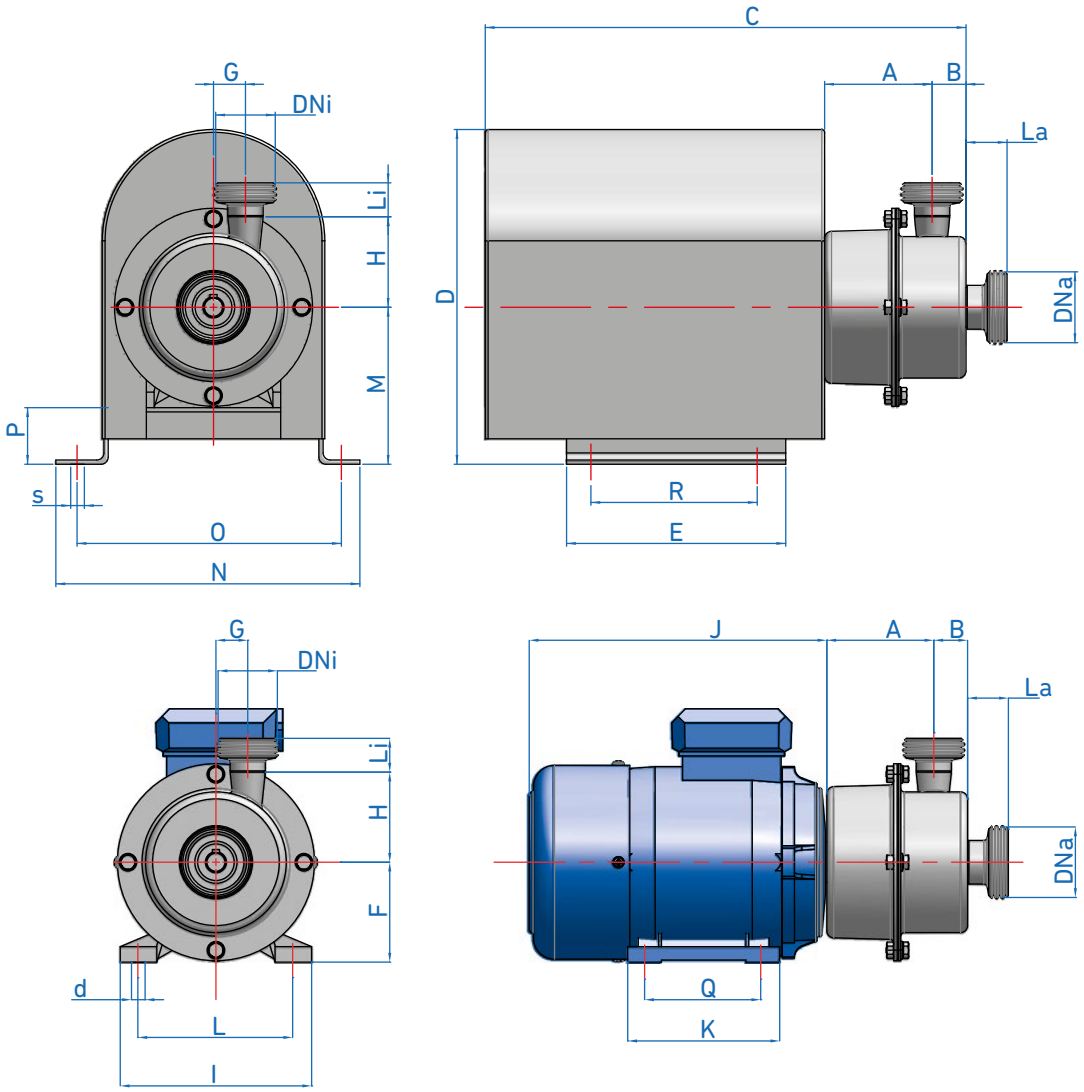
Motor covering
Other connections: DIN 11851, CLAMP, SMS, etc.
Platform, trolley

PERFORMANCE CURVE FL20C



(for other impeller and motor combinations, please ask)

DIMENSIONS AND CHARACTERISTICS OF FL20C MODEL

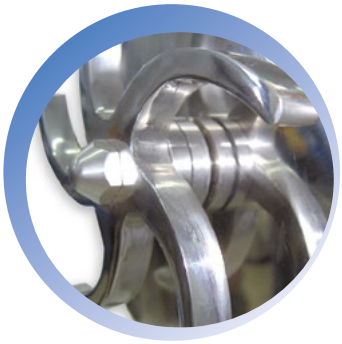


MODEL	MOTOR		DIMENSIONS																								
	T	KW	DN a	DN i	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	d	s	weight (Kg) MR	
FL20C	71	0.25_4P 0.37_2P	25	20	83	12	240	237	155	71	22.5	70	136	215	108	112	126	215	185	55	90	135	7	9	12	8

* Note : dimension J and the weight could vary depending upon the motor manufacturer.

RACORD	Dna	Dni	La	Li
DIN 11851	25	20	29	24
CLAMP	1"	3/4 "	21	21
SMS	25	25	19	19
Flange	25	20	40	30
Gas	1 "	3/4 "	40	30

FL31CI Industrial centrifugal pump



APPLICATIONS

FL31CI industrial centrifugal pumps are used mainly for decanting liquids in the food, chemical and winery industries. The simplicity of the pump parts allows straightforward maintenance.

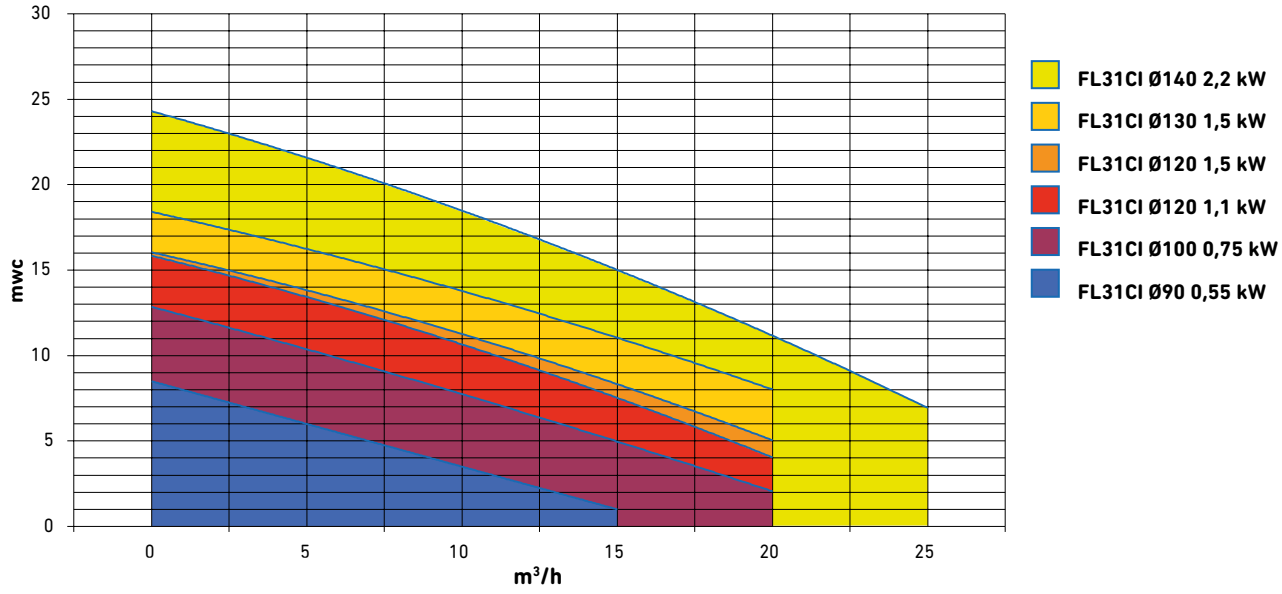
CHARACTERISTICS

Level of finish: Industrial / Foodstuff
Open impeller
Hygienic seal
Simplicity of parts
BSP/DIN 11851 connections

OPTIONS

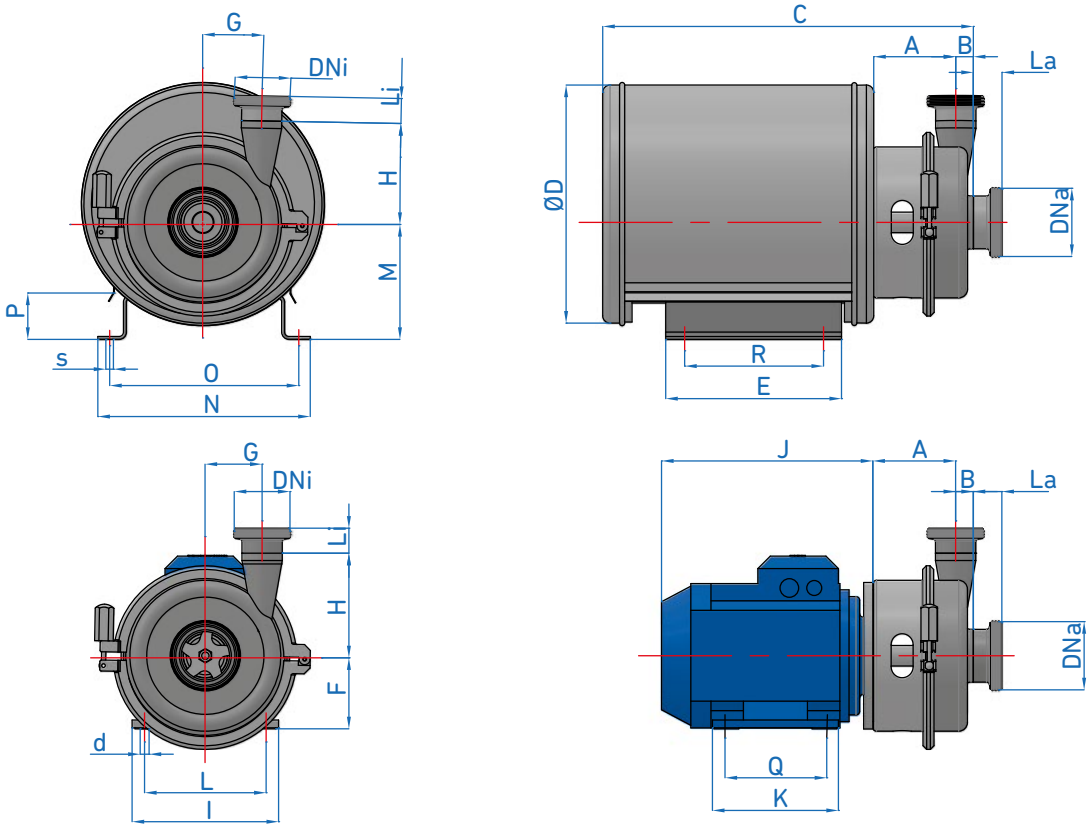
Half-open impeller
Cover
Other connections: DIN 2576, CLAMP, SMS, RJT, etc.
Trolley, platform

PERFORMANCE CURVES FL31CI



(for other impeller and motor combinations, please ask)

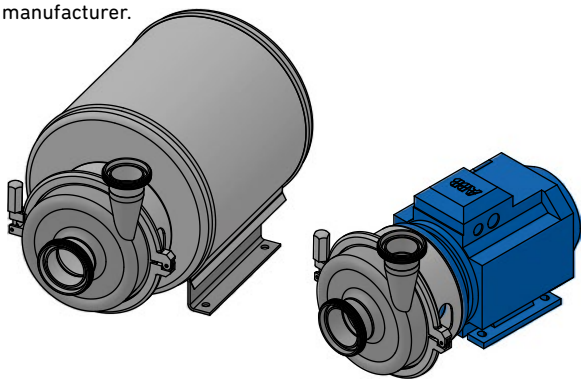
DIMENSIONS AND CHARACTERISTICS OF FL31CI MODEL



MODEL	MOTOR T	MOTOR KW	DIMENSIONS DNa	DNi	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	d	s	WEIGHT (Kg) MR	
FL31CI	71	0.37	40	32	99	20	430	250	180	71	65	123	136	225	110	112	126	245	215	55	90	135	7	10	14.5	12.5
		0.55								80															18.5	14.5
	80	0.75								90			155	255	125	125	135				100		9		19.5	15.5
		1.1																							21	17
	90	1.5	40	40									174	295	155	140	145				125				26.5	22.5
		2.2																							26.5	22.5

* Note : dimension J and the weight could vary depending upon the motor manufacturer.

RACORD	Dna	Dni	La	Li
DIN 11851	40	32	33	32
CLAMP	1 1/2 "	1 1/4 "	28.6	28.1
SMS	38	32	23	19
Flange	40	32	33	32
Gas	1 1/2 "	1 1/4 "	50	50



MATERIALS LIST

PUMP

Lamp	STAINLESS STEEL AISI 304
Body Impeller Shaft Connections	STAINLESS STEEL AISI 316

MECHANICAL SEAL

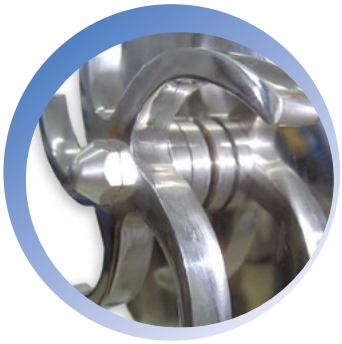
Fixed part	Graphite	Tungsten	Graphite
Rotatory part	SS	Tungsten	SS
Gaskets	NBR	Nitrile	Viton

(For other materials, please ask)

MOTOR

Protection IP55	50 Hz 220-380V/380-690V

FL32CI Industrial centrifugal pump



APPLIACATIONS

FL32CI industrial centrifugal pumps are used mainly for decanting liquids in the food, chemical and winery industries. The simplicity of the pump parts allows straightforward maintenance.

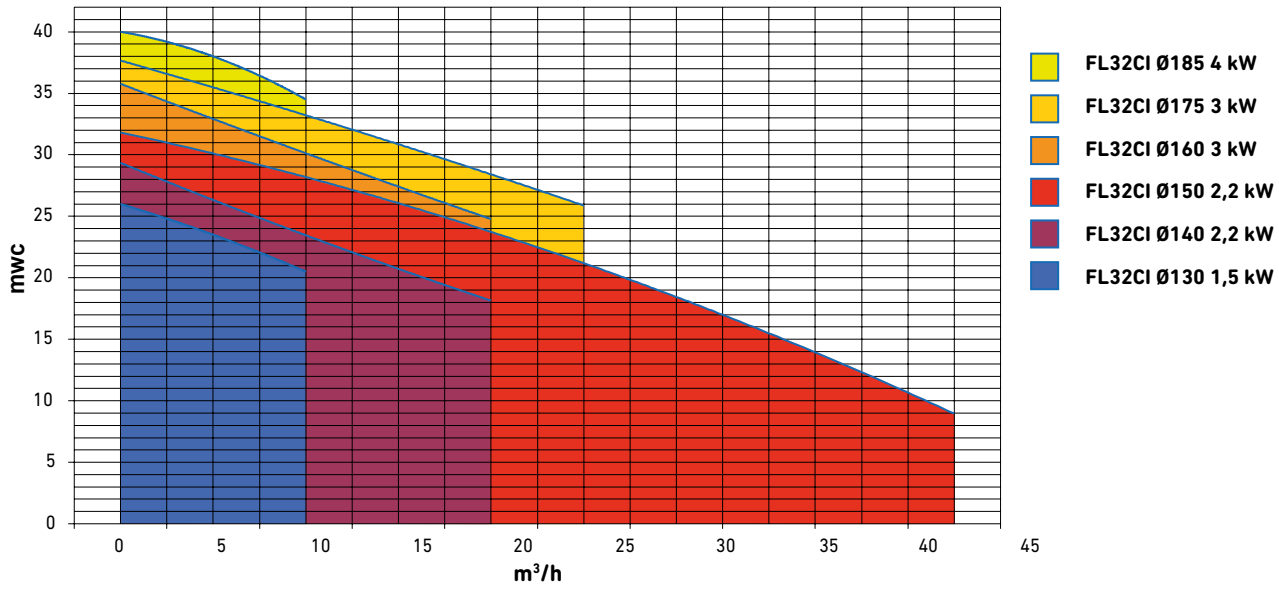
CHARACTERISTICS

Level of finish: Industrial / Foodstuff
Open impeller
Hygienic seal
Simplicity of parts
BSP/DIN 11851 connections

OPTIONS

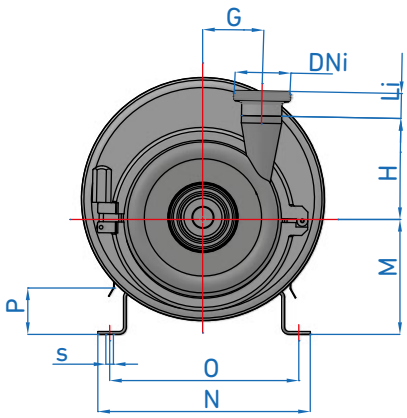
Half-open impeller
Cover
Other connections: DIN 2576, CLAMP, SMS, RJT, etc.
Trolley, platform
Dual mechanical seal with thermosiphon cooling system

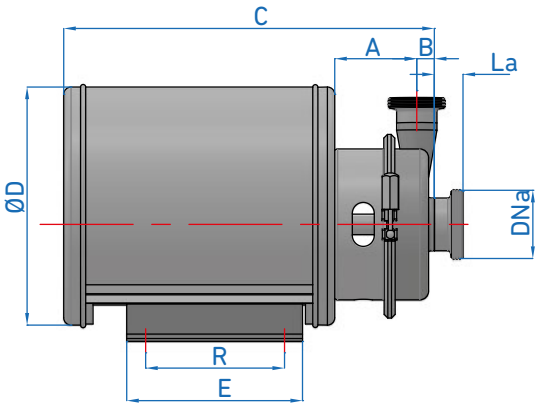
PERFORMANCE CURVES FL32CI

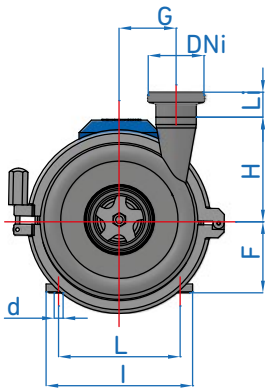


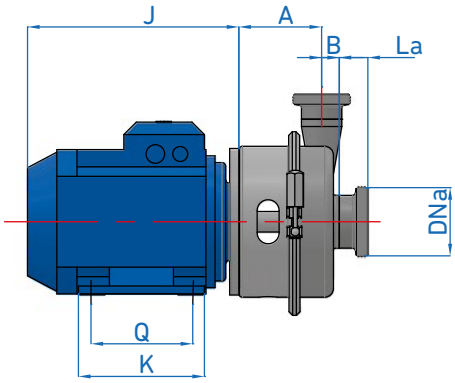
(for other impeller and motor combinations, please ask)

DIMENSIONS AND CHARACTERISTICS OF FL32CI MODEL





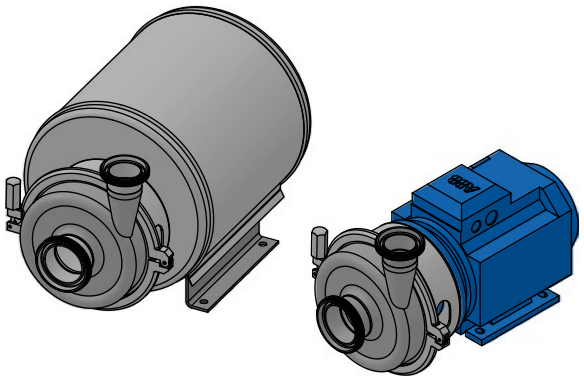




MODEL	MOTOR T	MOTOR KW	DIMENSIONS DNa	DNi	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	d	s	WEIGHT (Kg) MR	
FL32CI	90	1.5	50	40	112	24	506	325	180	90	100	140	174	295	155	140	145	245	215	55	125	135	9	10	31.5	27.5
		2.2																							33	29
	100	3							240	100			194	325	180	160	160	290	255	60	140	200	11	12	42	36
	112	4	65	50						112			224	350		190	172	310	275						46	40
	132	5.5			133		587	375	325	132			252	430	226	216	192	350	310			225			69	63
		7.5																							82	76

* Note : dimension J and the weight could vary depending upon the motor manufacturer.

RACORD	Dna	Dni	La	Li
DIN 11851	65	50	40	35
CLAMP	2 1/2 "	2 "	28.6	28.6
SMS	63	51	27	23
Flange	65	50	40	35
Gas	2 1/2 "	2 "	60	50



MATERIALS LIST

PUMP

Lamp	STAINLESS STEEL AISI 304
Body Impeller Shaft Connections	STAINLESS STEEL AISI 316

MECHANICAL SEAL

Fixed part	Graphite	Tungsten	Graphite
Rotatory part	SS	Tungsten	SS
Gaskets	NBR	Nitrile	Viton

(For other materials, please ask)

MOTOR

Protection IP55	50 Hz 220-380V/380-690V

FL33CI

Industrial centrifugal pump

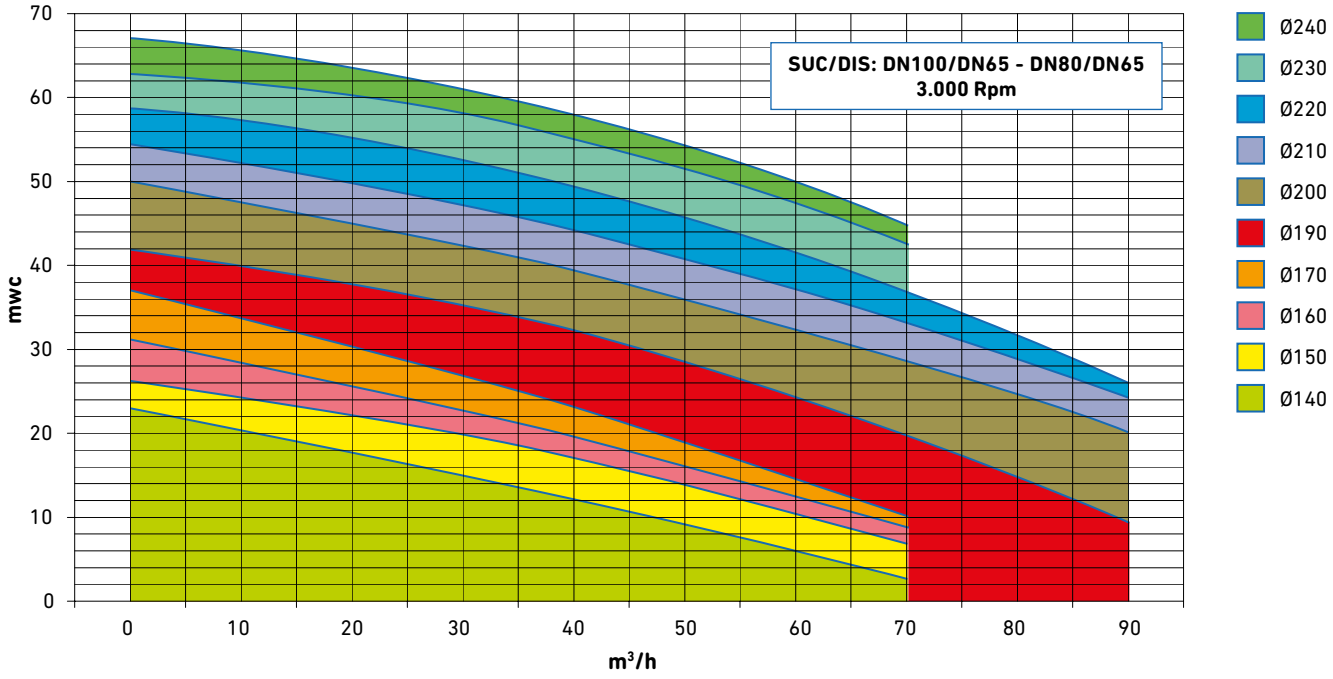
APPLIACATIONS

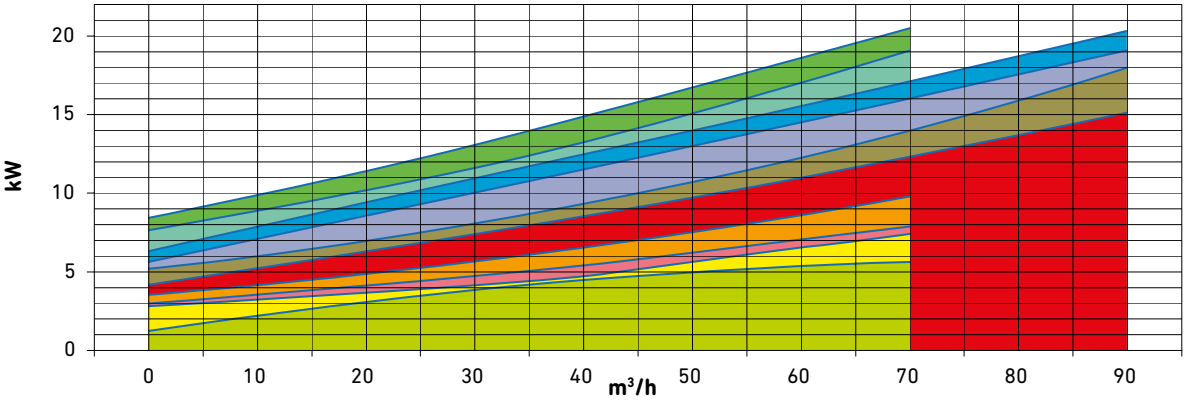
FL33CI industrial centrifugal pumps are used mainly for decanting liquids in the food, chemical and winery industries. The simplicity of the pump parts allows straightforward maintenance.

CHARACTERISTICS

Level of finish: Industrial / Foodstuff
Half-open impeller
Hygienic seal
Simplicity of parts
BSP/DIN 11851 connectionsz

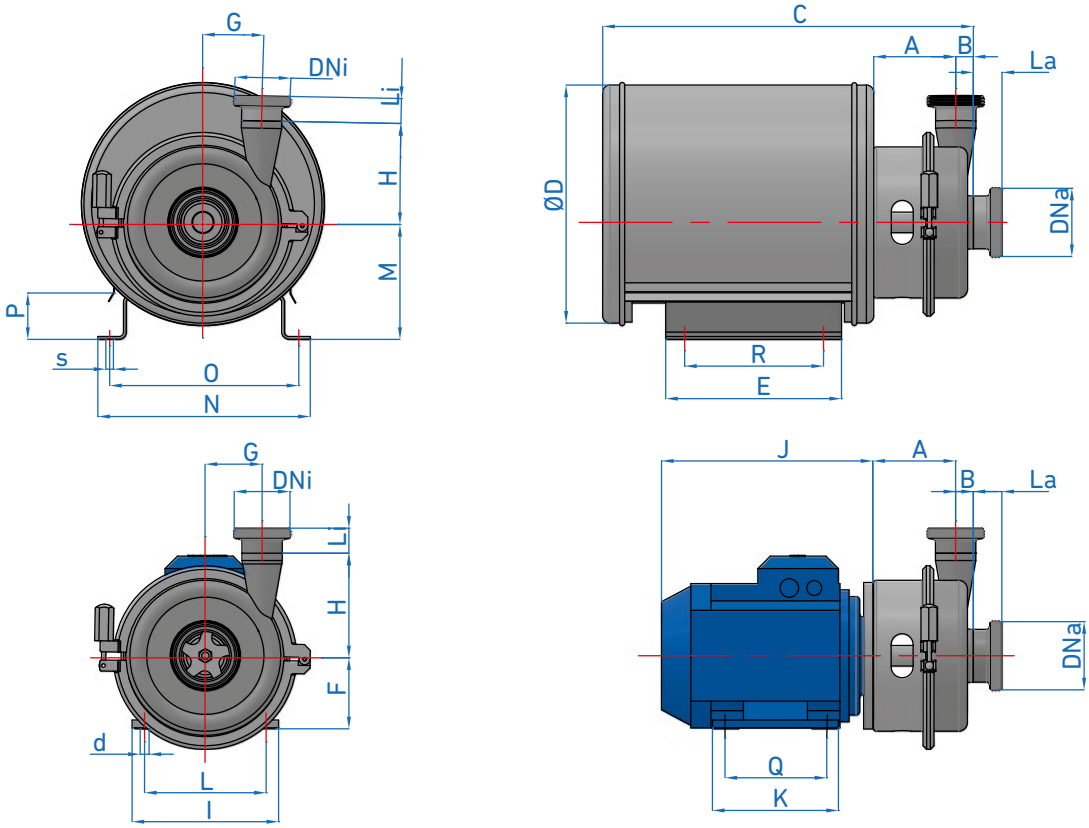
PERFORMANCE CURVES FL33CI





(for other impeller and motor combinations, please ask)

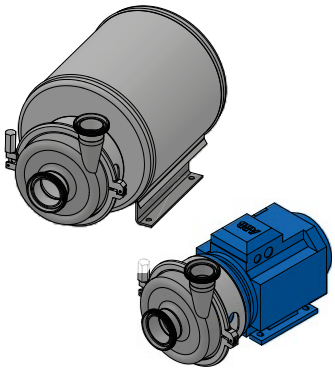
DIMENSIONS AND CHARACTERISTICS OF FL33CI MODEL



MODEL	MOTOR		DIMENSIONS																							
	T	KW	DN a	DN i	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	d	s	WEIGHT (Kg) MR	
FL33CI	112	4	80	65	152	35	557	325	240	112	100	200	224	350	180	160	172	310	275	60	140	200	11	12	62	56
	132	5.5					617	375	325	132			252	430	226	190	192	370	335			225			77	71
		7.5																							89	83
	160	11			182		947	550	500	160			296	590	296	254	260	375	345	100	210	400	14.5	14	134	114
		15																							146	126
		18.5																			254				160	140
	180	22							550	180			321	680	283	279	280	455	420		241	450			180	160

* Note : dimension J and the weight could vary depending upon the motor manufacturer.

RACORD	Dna	Dni	La	Li
DIN 11851	80	65	45	40
CLAMP	3 "	2 1/2 "	28.6	28.6
SMS	76	63	27	27
Flange	80	65	45	40
Gas	3 "	2 1/2 "	70	60



OPTIONS

- Half-open impeller
- Motor cover
- Other connections: DIN 2576, CLAMP, SMS, RJT, etc.
- Trolley, platform

MATERIALS LIST

PUMP

Lamp	STAINLESS STEEL AISI 304
Body Impeller Shaft Connections	STAINLESS STEEL AISI 316

MECHANICAL SEAL

Fixed part	Graphite	Tungsten	Graphite
Rotatory part	SS	Tungsten	SS
Gaskets	NBR	Nitrile	Viton

(For other materials, please ask)

MOTOR

Protection IP55	50 Hz 220-380V/380-690V

FL51CI Food/sanitary centrifugal pump

APPLIACATIONS

FL51CI food/sanitary centrifugal pumps are used mainly for decanting liquids in the food, pharmaceutics and cosmetics industries. The simplicity of the pump parts allows straightforward maintenance. The level of the finish and the pump design ensure a high degree of hygiene.

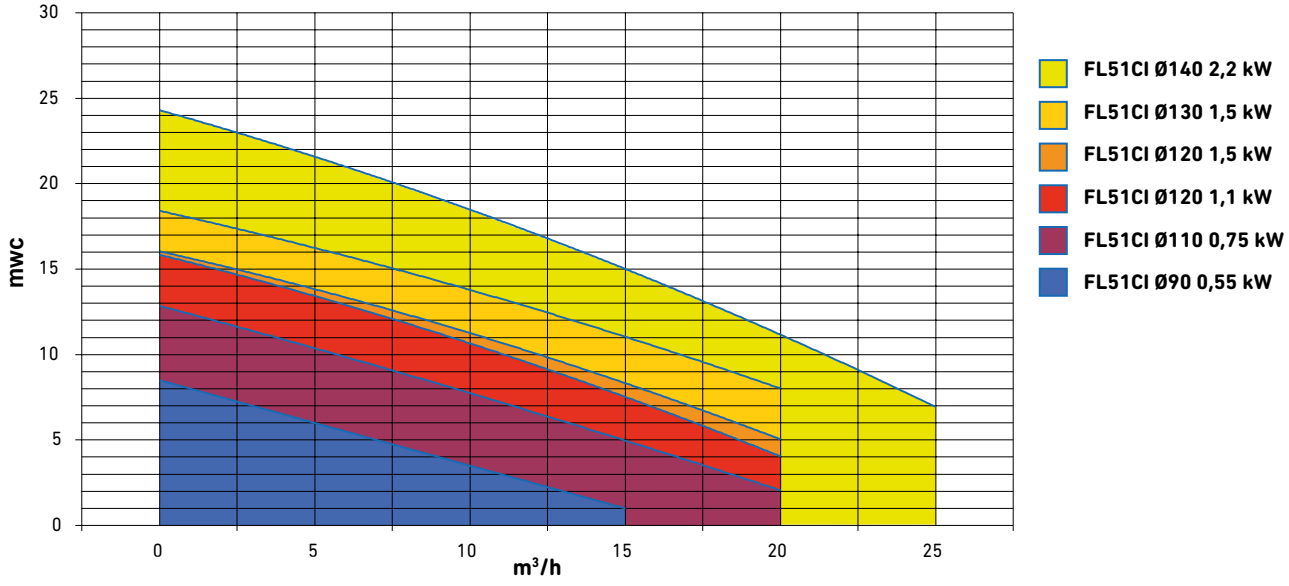
CHARACTERISTICS

Level of finish: Sanitary / Foodstuff
Open impeller
Sanitary seal
Easy cleaning
DIN 11851 connections

OPTIONS

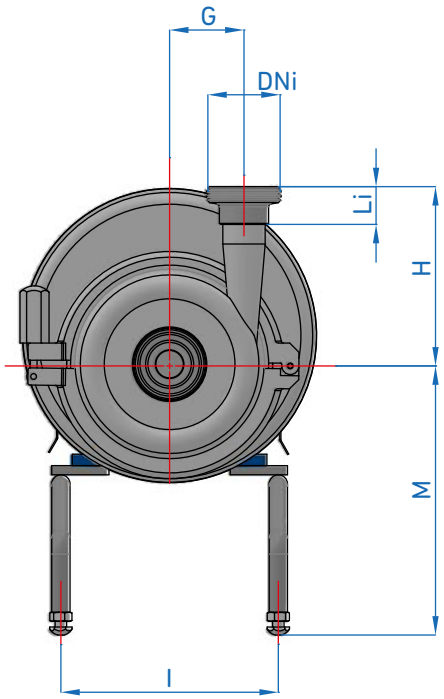
Other connections: DIN 11861, BSP, CLAMP, SMS, RJT, etc.
Trolley, platform
Dual mechanical seal with thermosiphon cooling system

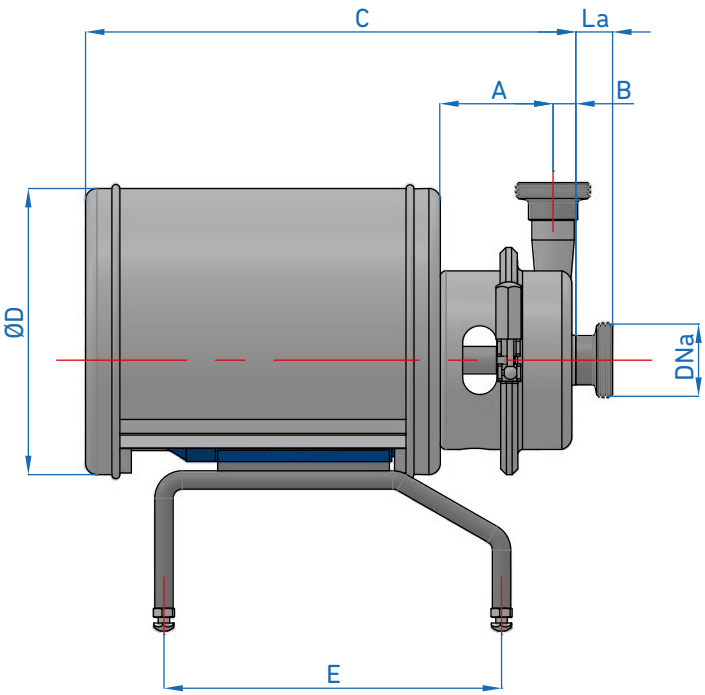
PERFORMANCE CURVES FL51CI



(for other impeller and motor combinations, please ask)

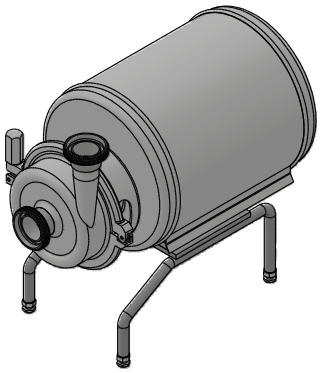
DIMENSIONS AND CHARACTERISTICS OF FL51CI MODEL





MODEL	MOTOR		DIMENSIONS											
	CV	KW	DN a	DN i	A	B	C	D	E	M min	G	H	I	WEIGHT (Kg)*
FL51CI	71	0.37	40	32	99	20	430	250	295	209	65	123	180	16.5
		0.55												18.5
	80	0.75								218			135	19.5
		1.1												21
	90	1.5	40	40						228			150	26.5
		2.2												26.5

RACORD	Dna	Dni	La	Li
DIN 11851	40	32	33	32
CLAMP	1 1/2 "	1 1/4 "	28,6	28,1
SMS	38	32	23	19



MATERIALS LIST

PUMP

Lamp, covering and tripod	STAINLESS STEEL AISI 304
Body Impeller Shaft Connections	STAINLESS STEEL AISI 316

MECHANICAL SEAL

Fixed part	SS	Silicon	SS
Rotatory part	Graphite	Silicon	Graphite
Gaskets	NBR	Viton	EPDM

(For other materials, please ask)

MOTOR

Protection IP55	50 Hz 220-380V/380-690V

FL52CI Food/sanitary centrifugal pump

APPLIACATIONS

FL52CI food/sanitary centrifugal pumps are used mainly for decanting liquids in the food, pharmaceutics and cosmetics industries. The simplicity of the pump parts allows straightforward maintenance. The level of the finish and the pump design ensure a high degree of hygiene.

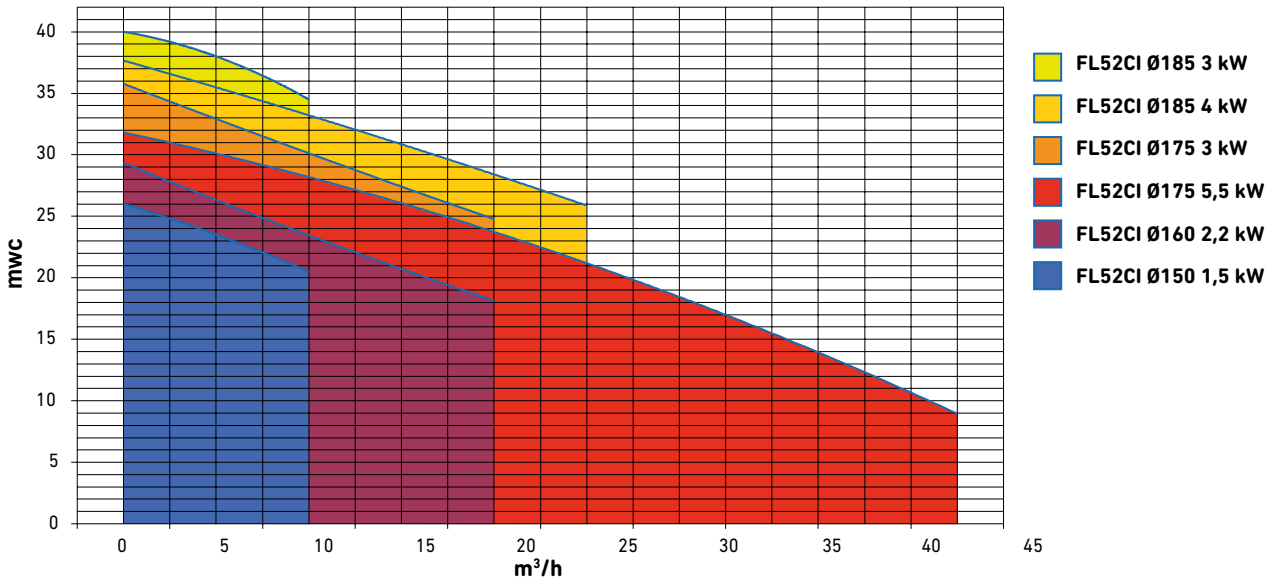
CHARACTERISTICS

Level of finish: Sanitary / Foodstuff
Open impeller
Sanitary seal
Easy cleaning
DIN 11851 connections

OPTIONS

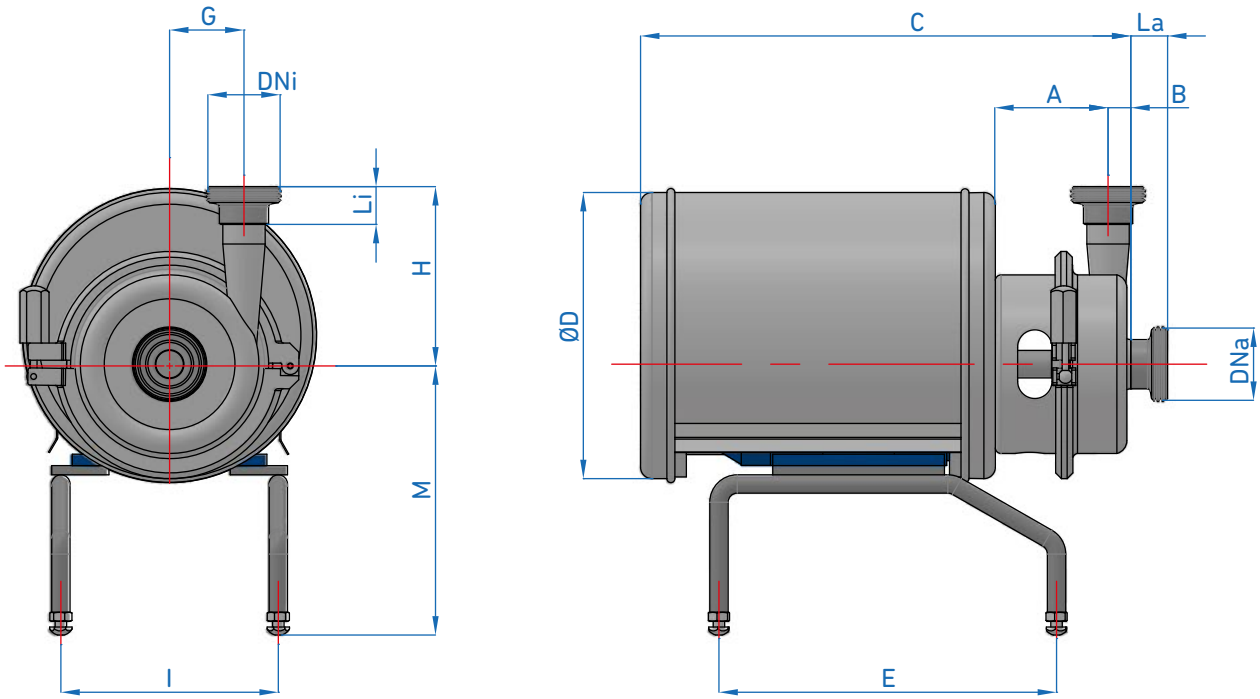
Other connections: DIN 11861, BSP, CLAMP, SMS, RJT, etc.
Trolley, platform
Dual mechanical seal with thermosiphon cooling system

PERFORMANCE CURVES FL52CI



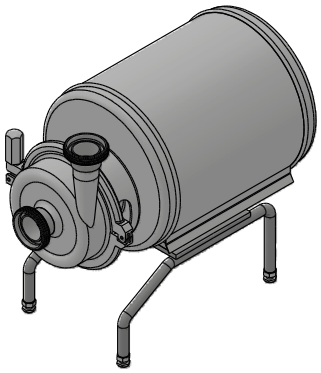
(for other impeller and motor combinations, please ask)

DIMENSIONS AND CHARACTERISTICS OF FL52CI MODEL



MODEL	MOTOR		DIMENSIONS											
	CV	KW	DN a	DN i	A	B	C	D	E	M min	G	H	I	WEIGHT (Kg)
FL52CI	90	1,5	50	40	112	24	506	325	295	228	100	140	224	31,5
		2,2												33
	100	3							361	248			208	45
	112	4	65	50						260			210	49
	132	5,5			133		566	375		280			236	72
		7,5												85

RACORD	Dna	Dni	La	Li
DIN 11851	65	50	40	35
CLAMP	2 1/2 "	2 "	28,6	28,6
SMS	63	51	27	23



MATERIALS LIST

PUMP

Lamp, covering and tripod	STAINLESS STEEL AISI 304
Body Impeller Shaft Connections	STAINLESS STEEL AISI 316

MECHANICAL SEAL

Fixed part	SS	Silicon	SS
Rotatory part	Graphite	Silicon	Graphite
Gaskets	NBR	Viton	EPDM

(For other materials, please ask)

MOTOR

Protection IP55	50 Hz 220-380V/380-690V

FL53CI

Food /sanitary centrifugal pump

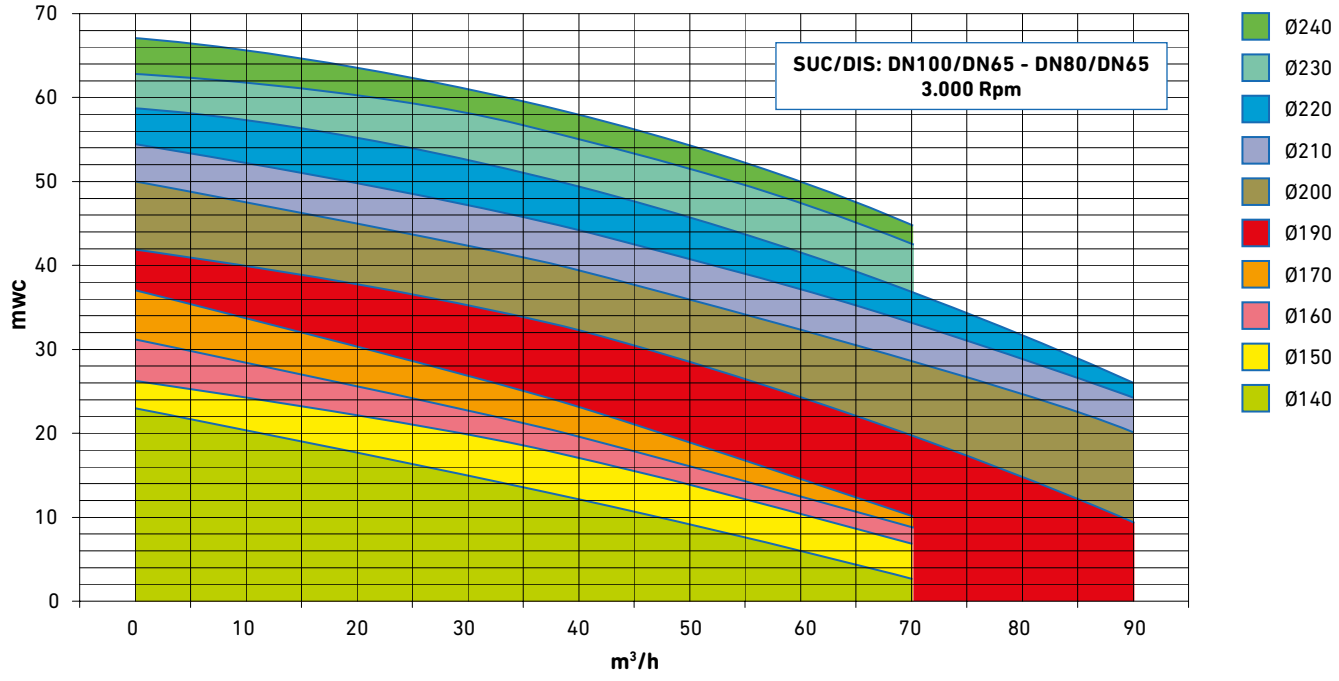
APPLIACATIONS

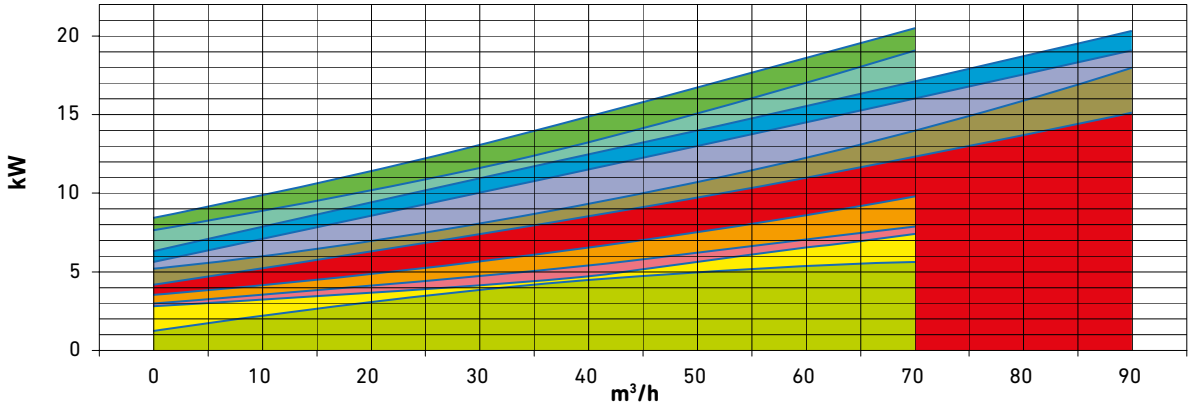
FL53CI food/sanitary centrifugal pumps are used mainly for decanting liquids in the food, pharmaceutics and cosmetics industries.
The simplicity of the pump parts allows straightforward maintenance. The level of the finish and the pump design ensure a high degree of hygiene.

CARACTERISTICAS

Level of finish: Sanitary / Foodstuff
Open impeller
Sanitary seal
Easy cleaning
DIN 11851 connections

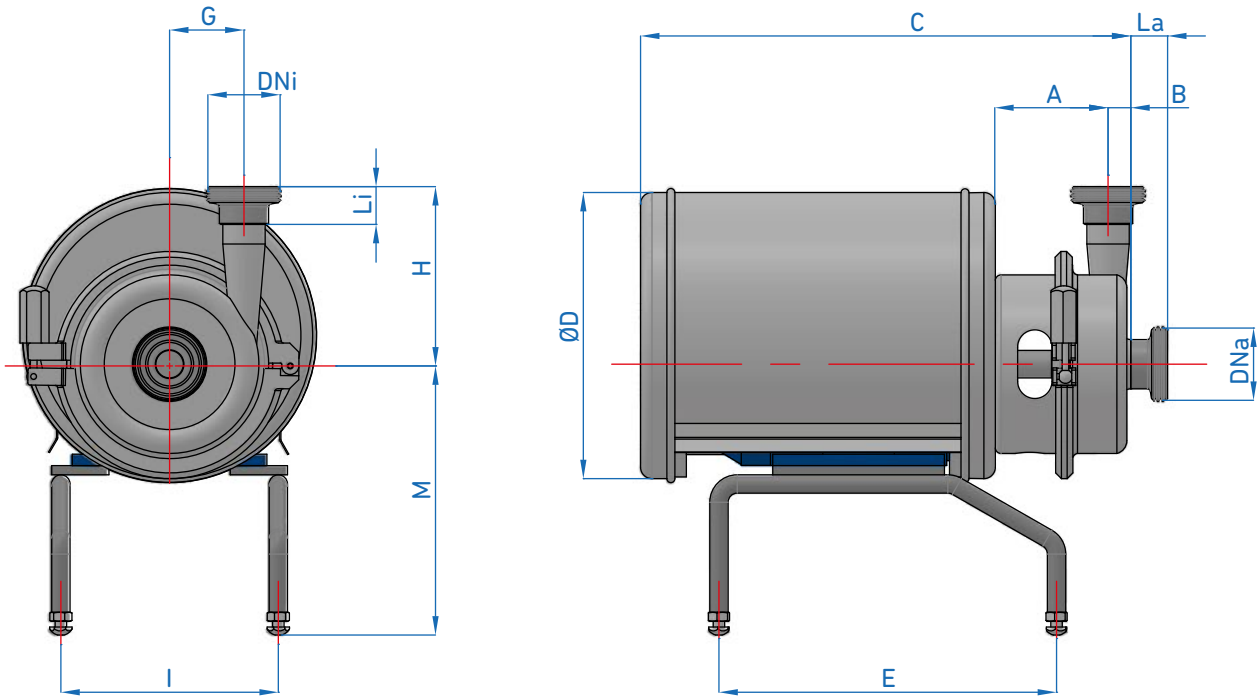
PERFORMANCE CURVES FL53CI





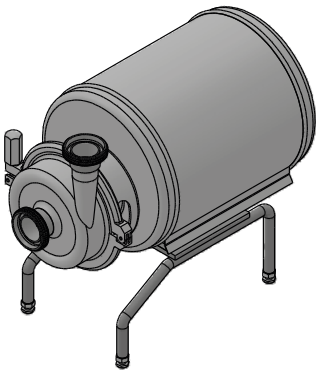
(for other impeller and motor combinations, please ask)

DIMENSIONS AND CHARACTERISTICS OF FL53CI MODEL



MODEL	MOTOR		DIMENSIONS											
	CV	KW	DN a	DN i	A	B	C	D	E	M min	G	H	I	WEIGHT (Kg)
FL53CI	112	4	80	65	152	35	557	325	361	260	100	200	210	65
	132	5,5					617	375		280			236	80
		7,5												92
	160	11			182		947	550	465	310			370	133
		15											304	145
		18,5												160
	180	22								330			329	180

RACORD	Dna	Dni	La	Li
DIN 11851	80	65	45	40
CLAMP	3 "	2 1/2 "	28,6	28,6
SMS	76	63	27	27



OPTIONS

- Other connections: DIN 11861, BSP, CLAMP, SMS, RJT, etc.
- Trolley, platform

MATERIALS LIST

PUMP

Lamp, covering and tripod	STAINLESS STEEL AISI 304
Body Impeller Shaft Connections	STAINLESS STEEL AISI 316

MECHANICAL SEAL

Fixed part	SS	Silicon	SS
Rotatory part	Graphite	Silicon	Graphite
Gaskets	NBR	Viton	EPDM

(For other materials, please ask)

MOTOR

Protection IP55	50 Hz 220-380V/380-690V

FLUID Centrifugal pump with sanitary design

The new range of FLUID centrifugal pumps has been developed for the transfer of all types of products in the chemical, food, pharmaceutical and cosmetics industries.

Its internal design has been developed with particular attention to geometry in order to obtain a unit with a very high degree of hygiene levels that meets the requirements of EHEDG regulations. All this allows the pumps in this range to be used with a guarantee of total cleanliness after undergoing a CIP or SIP cleaning and disinfecting process, without disassembly.

The FLUIDMIM technical department has developed a high-efficiency impeller design using computational design software and 3D printing that allows it to provide flow rates of up to 100 m^3/h with high performance and lower power consumption. The characteristics of the new impellers can reduce the NPSH required, lowering the risk of cavitation and improving safety during operation.

FLUID pumps are optionally equipped with a balanced single internal mechanical seal that is easy to assemble and offers a sanitary design while being EHEDG standards-compliant.

The motors used to drive the FLUID pump range comply with IEC standards both in terms of energy efficiency and in terms of its configuration with B5 flanges and B3 foot mounts.

All this means that the FLUID pumps are efficient pumping units that offer high performance and guarantee a very high level of sanitation.

CHARACTERISTICS

Final finish level: Sanitary
High-performance semi-open impeller
C/SS/EPDM mechanical seal
Simplicity of parts
CLAMP
DIN 11851 connections
EHEDG standards-compliant

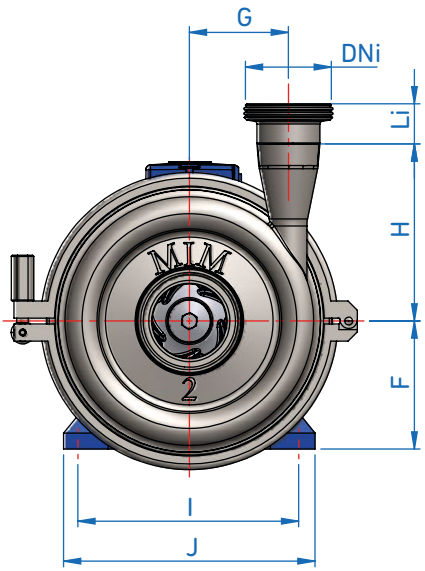
MATERIALS

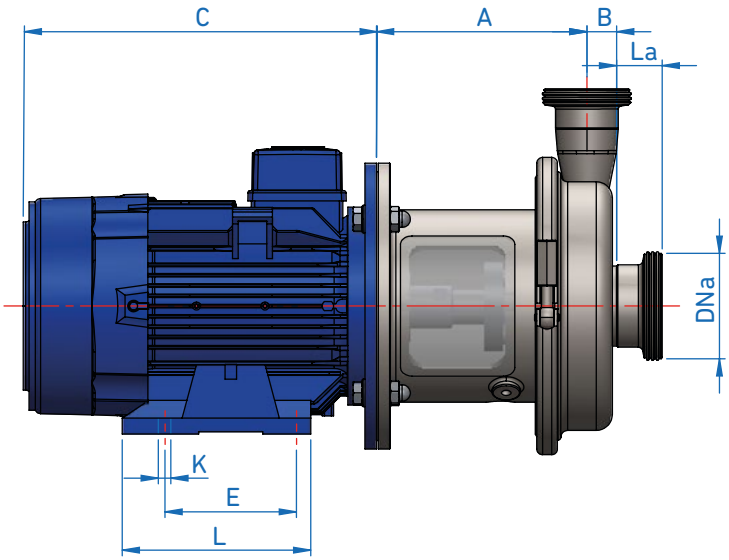
Impeller, body and flange made of AISI 316L stainless steel
Lantern ring, feet and cover in AISI 304L stainless steel
EPDM gaskets

OPTIONS

Other connections: DIN 11861, GAS, CLAMP, SMS, RJT, etc.
Gaskets available in nitrile, Viton and other materials
Contact surfaces: Tungsten carbide, silicon carbide, etc.
Sanitary mechanical seal, EHEDG standards-compliant
Double mechanical seal cooled by thermosyphon
Sanitary surface finish with Ra<0.5 µm
Body with heating chamber
Control box
Variable frequency drive
Motor available with different voltages, frequencies and protections
Motor for explosive atmospheres or increased safety
Drainage
Feet and motor cover
Base plate, trolley

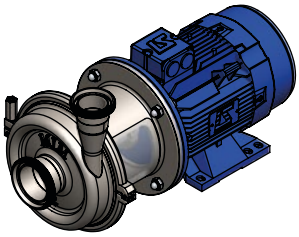
FLUID MODEL GENERAL DIMENSIONS



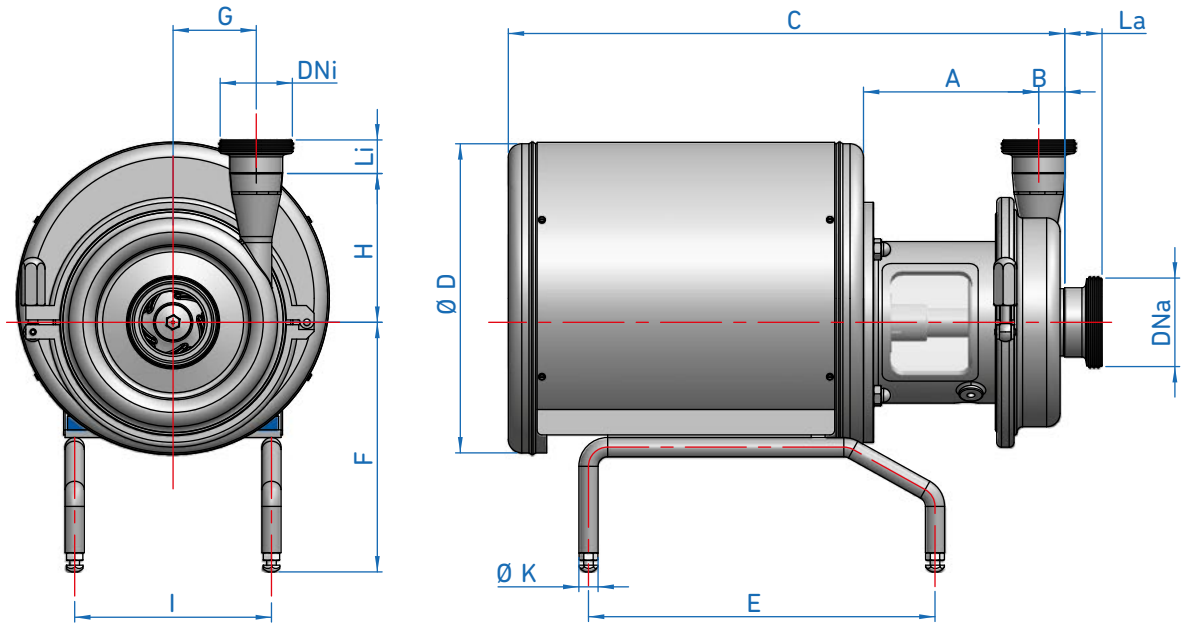


MODEL	MOTOR		DIMENSIONS													
	T	KW	Dna	Dni	A	B	C*	E*	F	G	H	I*	J*	K*	L*	WEIGHT (Kg)
FLUID 101	71	0.37	50	40	140	21	210	90	71	68.5	143	112	136	7	110	20
		0.55														21
	80	0.75			160		225	100	80			125	154	10	125	21.5
		1.1														22.5
	90	1.5					260	100	90			140	170	10	125	25
		2.2						125							150	30
FLUID 102	90	1.5	65	50	169	26	240	100	90	86.5	155	140	174	10	155	35
		2.2					260	125								37
	100	3			184		290	140	100			160	195	12	180	45
	112	4					335		112			190	225			50
	132	5.5			208		470		132			216	252		226	75
		7.5						178						14		85
FLUID 103	112	4	80	65	195	29	533	140	195	107	195	190	225	12	190	55
	132	5.5			220		495		220			216	252		226	83
		7.5						178						14		90
	160	11			250		581	210	250			254	296		296	165
		15														182
		18.5					620	154								190
FLUID 104	112	4	80	65	202.5	33.5	533	140	112	125.5	215	190	225	12	190	67
	132	5.5			227.5		505		132			216	252		226	98
		7.5						178						14		104
	160	11			255		581	210	160			254	296		296	180
		15														196
		18.5					620	254								202
	180	22					650	279	180			179	341		319	212

RACCORD	FLUID 101				FLUID 102				FLUID 103/104			
	Dna	Dni	La	Li	Dna	Dni	La	Li	Dna	Dni	La	Li
DIN 11851	50	40	23	22	65	50	25	23	80	65	45	40
CLAMP	2"	1 ½"	21.5	21.5	2½"	2"	28,5	21,5	3"	2½"	49	49
SMS	51	38	25	25	63	51	30	25	71	51	30	25



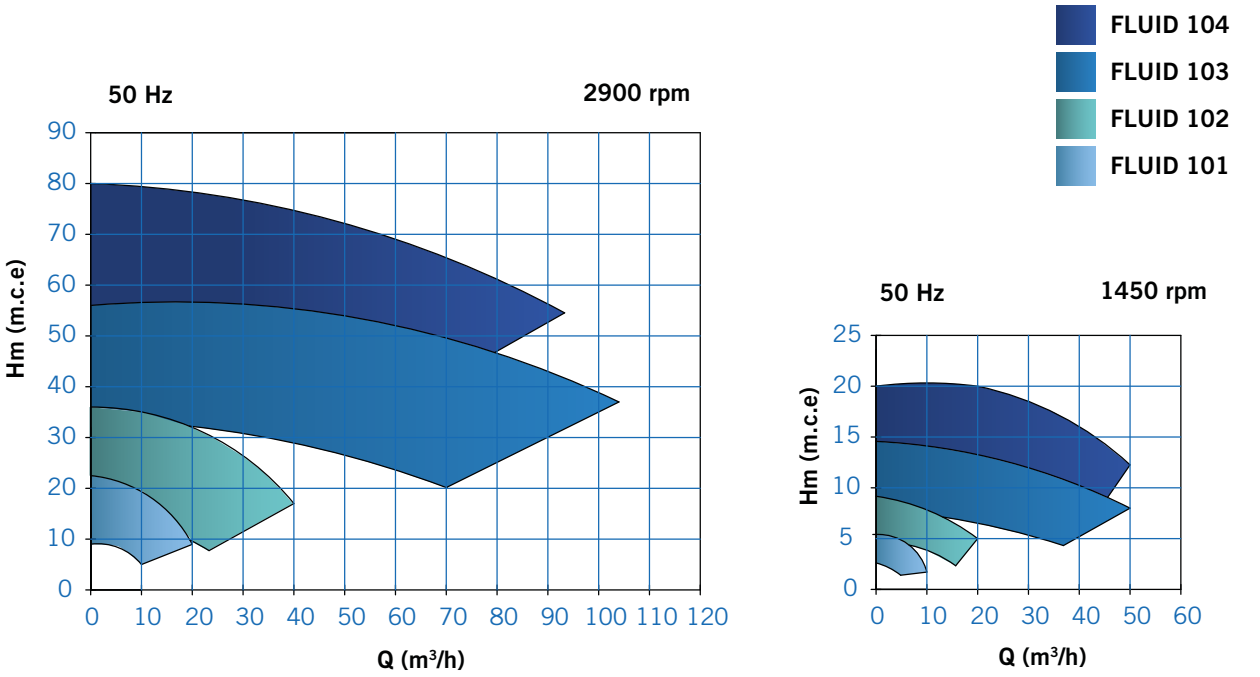
FLUID MODEL GENERAL DIMENSIONS

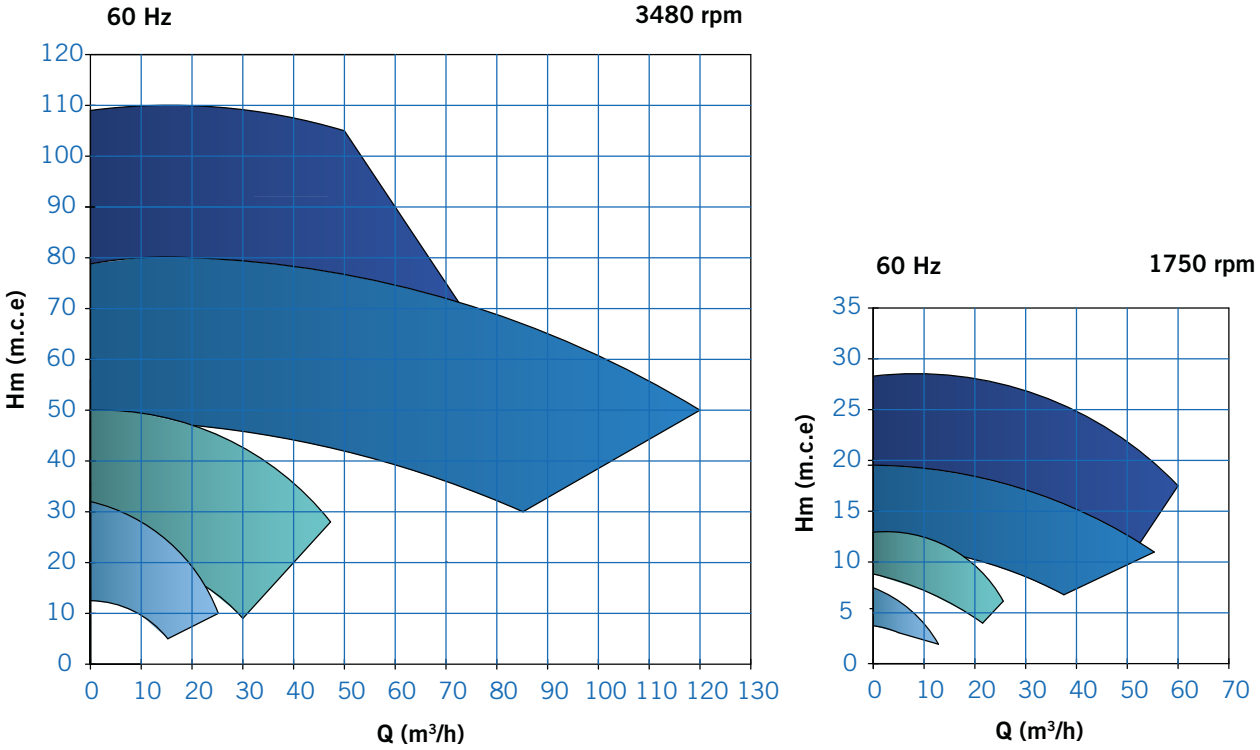


MODEL	MOTOR		DIMENSIONS												
	T	KW	Dna	Dni	A	B	C*	D*	E*	F	G	H	I*	K*	WEIGHT (Kg)
FLUID 101	71	0.37	50	40	140	21	410	250	295	209	68.5	143	180	16	23
		0.55													24
	80	0.75			160		430			218			135		25
		1.1													26.5
	90	1.5					480	325		228			150		29
		2.2													34
FLUID 102	90	1.5	65	50	169	26	493	325	295	228	86.5	155	150	20	36
		2.2													39
	100	3			184		550		361	248			205		45
	112	4					580			260			210		53
	132	5.5			208		816	375		280		216	236		81
		7.5													91
FLUID 103	112	4	80	65	195	29	593	325	361	260	107	195	210	25	60
	132	5.5			220		690	375		280			236		89
		7.5													96
	160	11			250		860	450	465	310			299		171
		15													189
		18.5													200
FLUID 104	112	4	80	65	202.5	33.5	596	325	361	260	125.5	215	210	25	73
	132	5.5			227.5		700	375		280			236		104
		7.5													110
	160	11			255		870	450	465	310			299		187
		15													203
		18.5													210
	180	22					890	475		330			324		220

	FLUID 101				FLUID 102				FLUID 103/104			
RACORD	**Dna**	**Dni**	**La**	**Li**	**Dna**	**Dni**	**La**	**Li**	**Dna**	**Dni**	**La**	**Li**
DIN 11851	50	40	23	22	65	50	25	23	80	65	45	40
CLAMP	2"	1 ½"	21.5	21.5	2½"	2"	28.5	21.5	3"	2½"	49	49
SMS	51	38	25	25	63	51	30	25	71	51	30	25

FLUID SELECTION DIAGRAM





FL--CH

Centrifugal pumps with helical impeller

APPLIACATIONS

Thanks to their helical impeller design, FL--CH pumps provide high pumping performance and careful treatment of fluids with mixed solids.
These pumps are used mainly in the pumping process in the wine sector. However, they are also used in the foodstuff industry to transfer olives, chickpeas, beans, etc. or liquids with solids in suspension.
Moreover, thanks to their high pumping capacity and their careful treatment during the transfer and handling of dairy products, they are also used to pump yoghurt, milk, cheese, curd, etc.

CHARACTERISTICS

Level of finish: Industrial / Foodstuff
High performance helical impeller
DIN 11851 connections
Joining clamp

MATERIALS

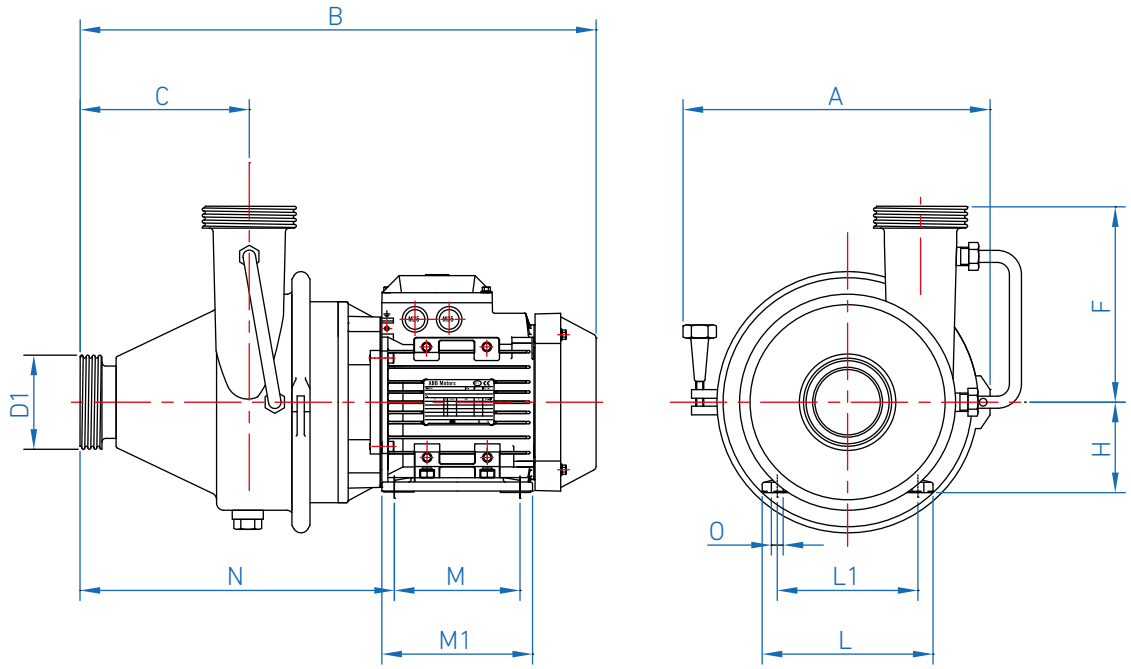
Parts in contact with the product in SS AISI 316
Clamp, tripod and cover in SS AISI 304
Nitrile gaskets
Mechanical seal SS/G/NBR

OPTIONS

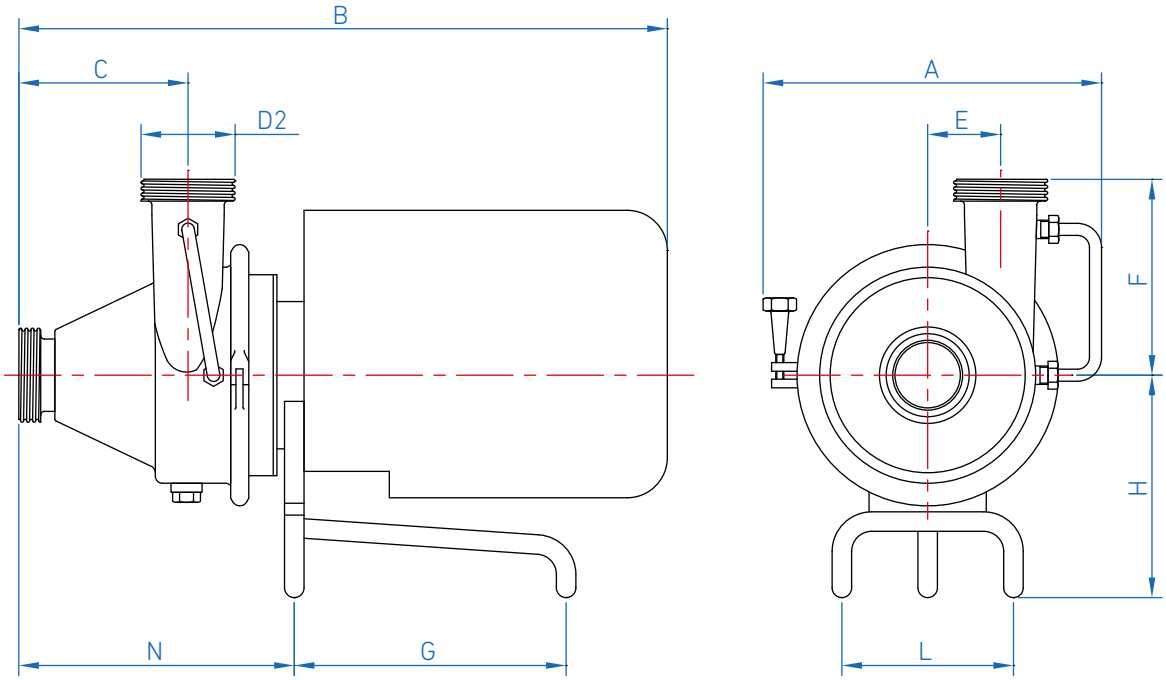
Control panel
Motor cover
Mechanical seal S/S/V
Dual mechanical seal
Trolley, platform
Tripod
Flushing of mechanical seal
Other connections: SMS, Garolla, BSP, CLAMP, etc.
Level of finish: Sanitary / Foodstuff with Ra < 0.8 µm

MODEL	kW	Rpm	H max. (m.w.c)	H min. (m.w.c)	Q max. (m^3/h)
FL20CH	1.5	1500	10	5	35
FL40CH	3	1500	12	5	55

DIMENSIONS OF THE FL--CH MODEL



MODEL	kW	Rpm	D1	D2	A	B	C	E	F	H	L	L1	M	M1	N	O
FL20CH	1.5	1500	DN65	DN65	260	535	160	60	190	90	140	180	125	55	310	10
FL40CH	3	1500	DN80	DN80	310	620	210	80	225	100	160	200	140	175	370	12

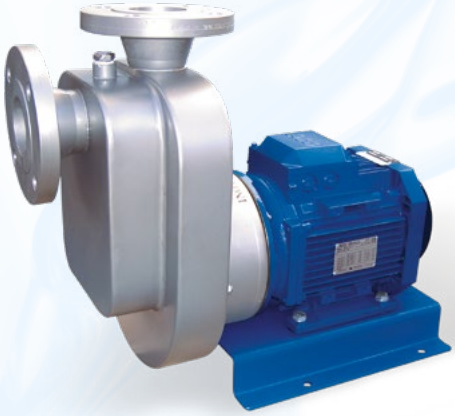


MODEL	kW	Rpm	D1	D2	A	B	C	E	F	H	L	N
FL20CH	1.5	1500	DN65	DN65	350	590	160	60	190	220	205	270
FL40CH	3	1500	DN80	DN80	380	680	210	80	225	260	255	320

Self-priming centrifugal pumps

FL80CAI

Sanitary grade self-priming centrifugal pump

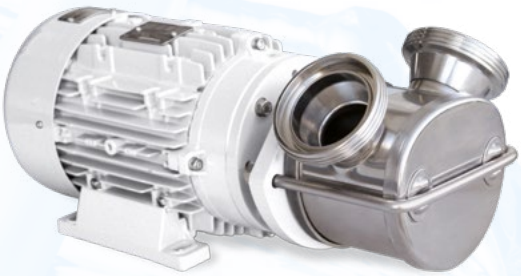


FL90CAI

Self-priming centrifugal pump

FL--AL

Liquid ring pump



FLM--RF

Flexible impeller pump

FL81CAI Self-priming centrifugal pump

APPLIACATIONS

FL81CAI food centrifugal pumps are used mainly for decanting liquids in the food, chemical and winery industries in applications where suction with load is not possible. The simplicity of the pump parts allows straightforward maintenance. The level of the finish and the pump design ensure a high degree of hygiene.

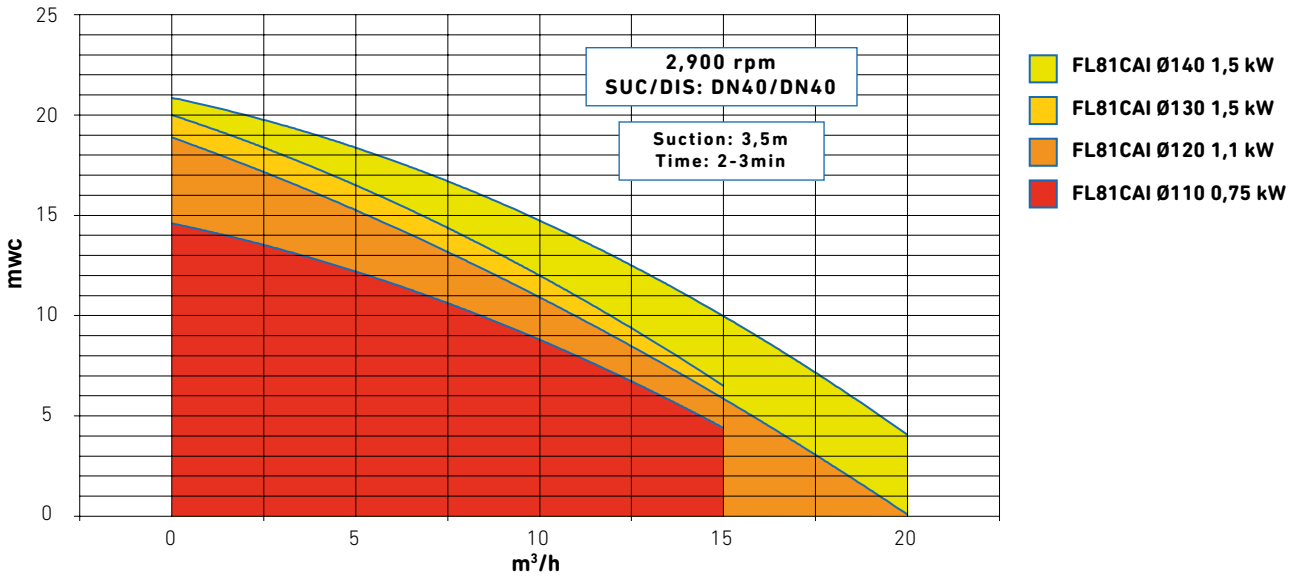
CHARACTERISTICS

Level of finish: Foodstuff / Industrial
Half-open impeller
Hygienic seal
Simplicity of parts
BSP/DIN 11851 connections

OPTIONS

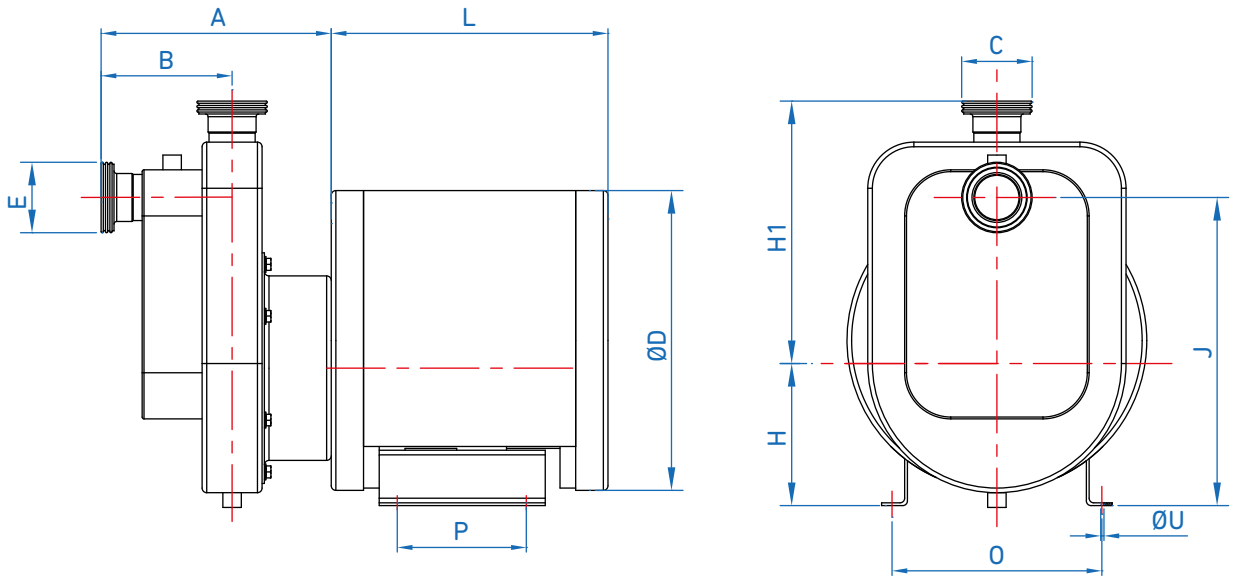
Open impeller
Other connections: DIN 11861, CLAMP, SMS, RJT, etc.
Trolley, platform
Dual mechanical seal with thermosiphon cooling system
Control panel

PERFORMANCE CURVES FL81CAI



(for other impeller and motor combinations, please ask)

DIMENSIONS AND CHARACTERISTICS OF FL81CAI MODEL



MODEL	MOTOR		DIMENSIONS											
	CV	kW	A	B	C	D	E	H	H1	J	L	O	P	U
FL81CAI	1	0.75	225	130	DN40	Ø 250	DN40	140	240	290	250	215	135	Ø 10
	1.5	1.1												
	2	1.5						150		300	300			
	3	2.2												

MATERIALS LIST

PUMP

Lamp	STAINLESS STEEL AISI 304
Body Impeller Shaft Connections	STAINLESS STEEL AISI 316

MECHANICAL SEAL

Fixed part	SS	Silicon	SS
Rotatory part	Graphite	Silicon	Graphite
Gaskets	NBR	Viton	EPDM

(For other materials, please ask)

MOTOR

Protection IP55	50 Hz 220-380V/380-690V

FL82CAI Self-priming centrifugal pump

APPLIACATIONS

FL82CAI food centrifugal pumps are used mainly for decanting liquids in the food, chemical and winery industries in applications where suction with load is not possible. The simplicity of the pump parts allows straightforward maintenance. The level of the finish and the pump design ensure a high degree of hygiene.

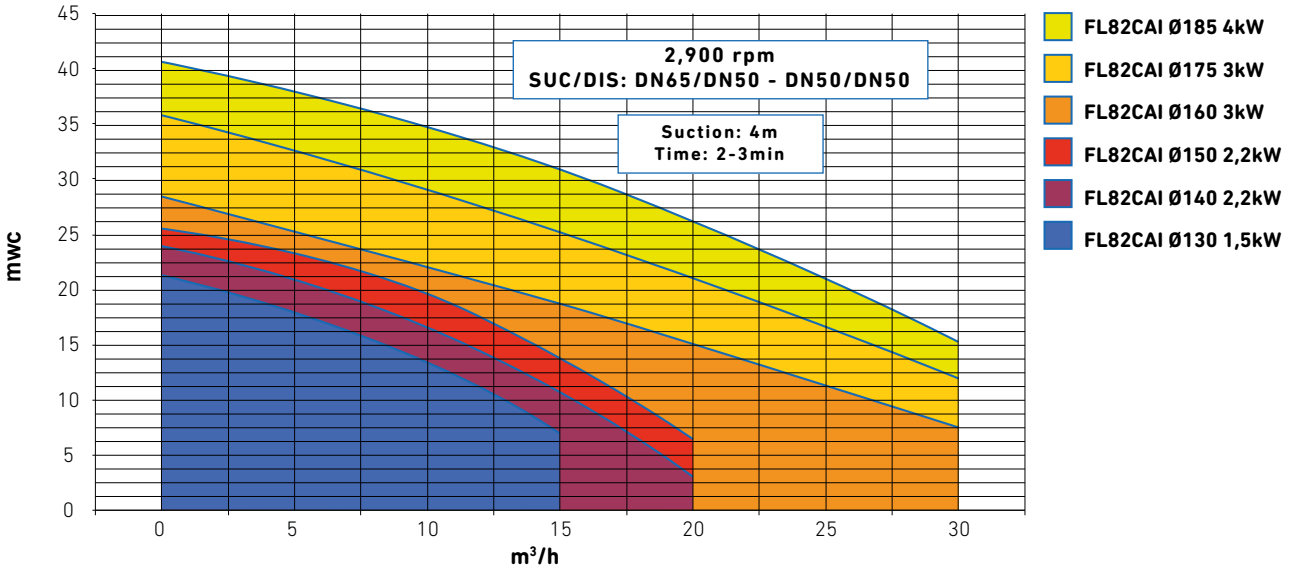
CHARACTERISTICS

Level of finish: Foodstuff / Industrial
Half-open impeller
Hygienic seal
Simplicity of parts
BSP/DIN 11851 connections

OPTIONS

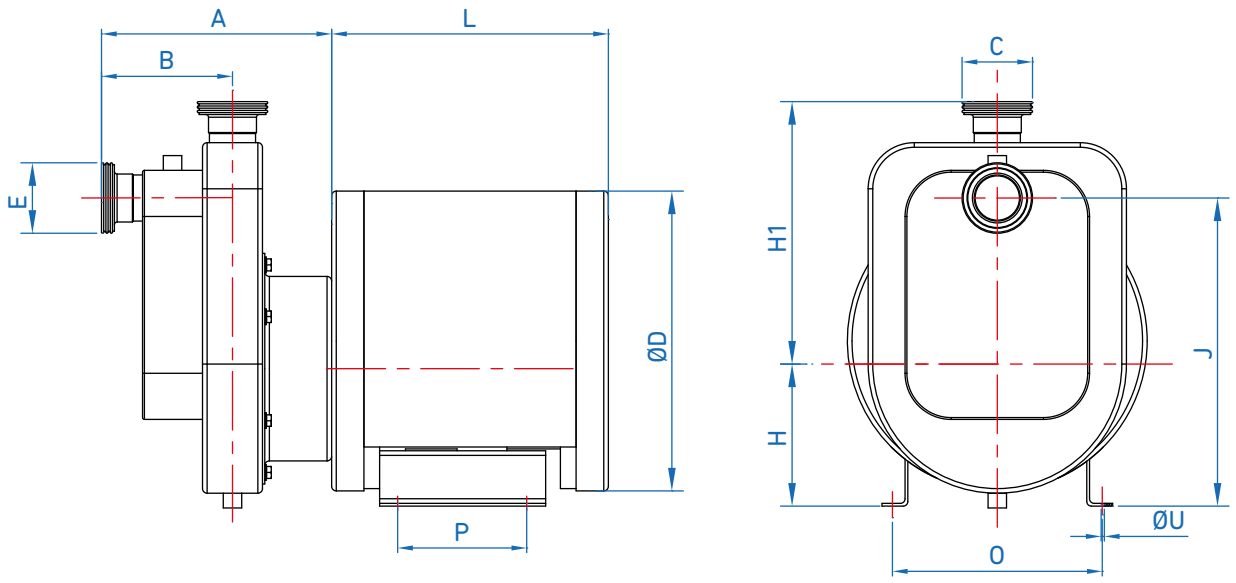
Open impeller
Other connections: DIN 11861, CLAMP, SMS, RJT, etc.
Trolley, platform
Dual mechanical seal with thermosiphon cooling system
Control panel

PERFORMANCE CURVES FL82CAI



(for other impeller and motor combinations, please ask)

DIMENSIONS AND CHARACTERISTICS OF FL82CAI MODEL



MODEL	MOTOR		DIMENSIONS											
	CV	kW	A	B	C	D	E	H	H1	J	L	O	P	U
FL82CAI	2	1.5	250	175	DN50	Ø325	DN50	150	240	425	300	215	200	Ø11
	3	2.2												
	4	3												
	5.5	4		200			DN65	175	290	450	500	275	250	
	7.5	5.5												

MATERIALS LIST

PUMP

Lamp	STAINLESS STEEL AISI 304
Body Impeller Shaft Connections	STAINLESS STEEL AISI 316

MECHANICAL SEAL

Fixed part	SS	Silicon	SS
Rotatory part	Graphite	Silicon	Graphite
Gaskets	NBR	Viton	EPDM

(For other materials, please ask)

MOTOR

Protection IP55	50 Hz 220-380V/380-690V

FL83CAI Self-priming centrifugal pump

APPLIACATIONS

FL83CAI food centrifugal pumps are used mainly for decanting liquids in the food, chemical and winery industries in applications where suction with load is not possible. The simplicity of the pump parts allows straightforward maintenance. The level of the finish and the pump design ensure a high degree of hygiene.

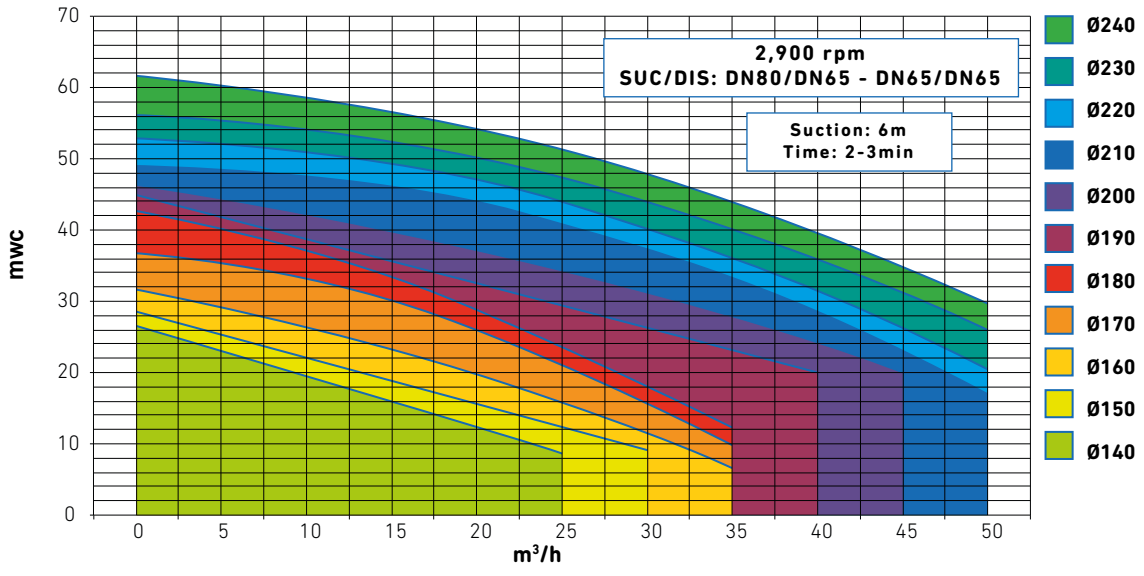
CHARACTERISTICS

Level of finish: Foodstuff / Industrial
Half-open impeller
Hygienic seal
Simplicity of parts
BSP/DIN 11851 connections

OPTIONS

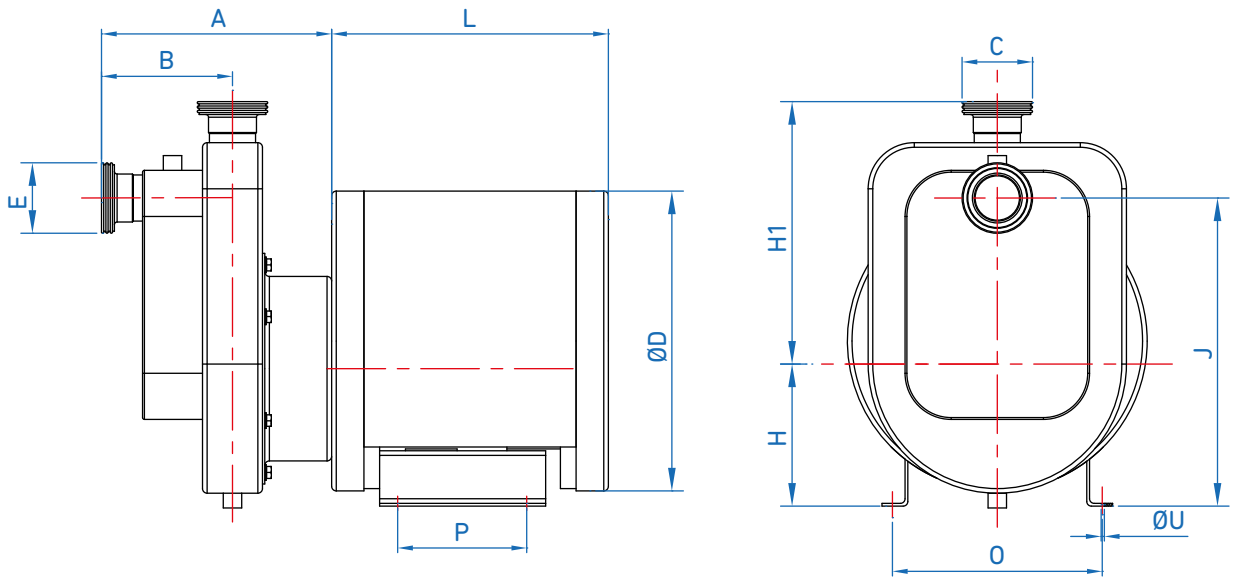
Open impeller
Other connections: DIN 11861, CLAMP, SMS, RJT, etc.
Trolley, platform
Dual mechanical seal with thermosiphon cooling system
Control panel

PERFORMANCE CURVES FL83CAI



(for other impeller and motor combinations, please ask)

DIMENSIONS AND CHARACTERISTICS OF FL83CAI MODEL



MODEL	MOTOR		DIMENSIONS											
	CV	kW	A	B	C	D	E	H	H1	J	L	O	P	U
FL83CAI	7.5	5.5	325	175	DN65	Ø375	DN65	192	390	450	500	335	500	Ø13
	10	7.5												
	12	11	550	200		Ø475	DN80	220	400					
	15	15												
	20	18.5												
	25	22												

MATERIALS LIST

PUMP

Lamp	STAINLESS STEEL AISI 304	
Body Impeller Shaft Connections	STAINLESS STEEL AISI 316	

MECHANICAL SEAL

Fixed part	SS	Silicon	SS
Rotatory part	Graphite	Silicon	Graphite
Gaskets	NBR	Viton	EPDM

(For other materials, please ask)

MOTOR

Protection IP55	50 Hz 220-380V/380-690V

FL91CAI Self-priming centrifugal pump

APPLIACATIONS

FL91CAI food centrifugal pumps are used mainly for decanting liquids in the food, chemical and winery industries in applications where suction with load is not possible. The simplicity of the pump parts allows straightforward maintenance. The level of the finish and the pump design ensure a high degree of hygiene.

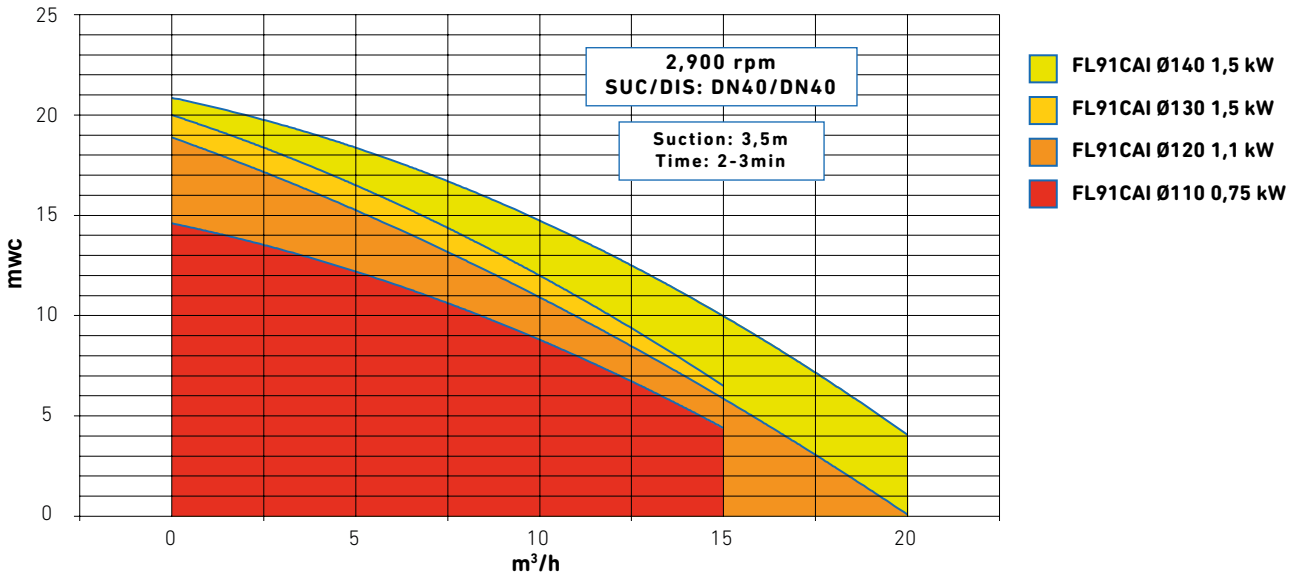
CHARACTERISTICS

Level of finish: Foodstuff / Industrial
Half-open impeller
Hygienic seal
Simplicity of parts
BSP/DIN 11851 connections

OPTIONS

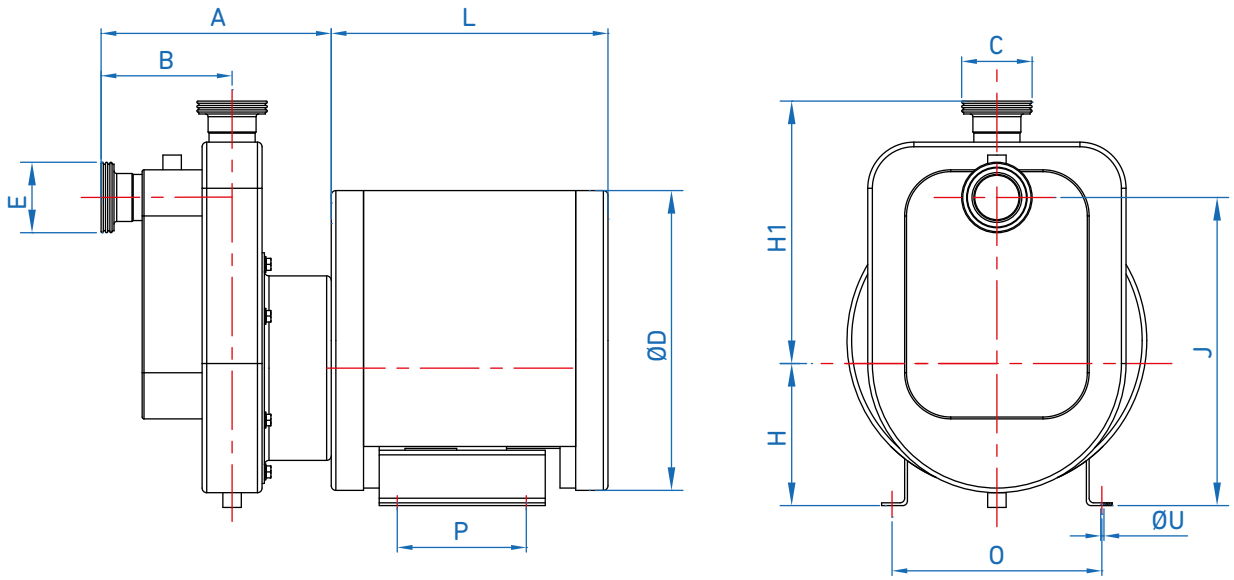
Cover
Open impeller
Other connections: DIN 2576, CLAMP, SMS, RJT, etc.
Trolley, platform
Dual mechanical seal with thermosiphon cooling system
Control panel

PERFORMANCE CURVES FL91CAI



(for other impeller and motor combinations, please ask)

DIMENSIONS AND CHARACTERISTICS OF FL91CAI MODEL



MODEL	MOTOR		DIMENSIONS											
	CV	kW	A	B	C	D	E	H	H1	J	L	O	P	U
FL91CAI	1	0.75	229.5	132.5	1 ½" BSP	Ø156	1 ½" BSP	135	240	280	215	215	135	Ø10
	1.5	1.1												
	2	1.5				Ø172		145		290	217.5			
	3	2.2									244.5			

MATERIALS LIST

PUMP

Lamp	STAINLESS STEEL AISI 304
Body Impeller Shaft Connections	STAINLESS STEEL AISI 316

MECHANICAL SEAL

Fixed part	Graphite	Tungsten	Graphite
Rotatory part	SS	Tungsten	SS
Gaskets	NBR	Nitrile	Viton

(For other materials, please ask)

MOTOR

Protection IP55	50 Hz 220-380V/380-690V

FL92CAI Self-priming centrifugal pump

APPLIACATIONS

FL92CAI food centrifugal pumps are used mainly for decanting liquids in the food, chemical and winery industries in applications where suction with load is not possible. The simplicity of the pump parts allows straightforward maintenance. The level of the finish and the pump design ensure a high degree of hygiene.

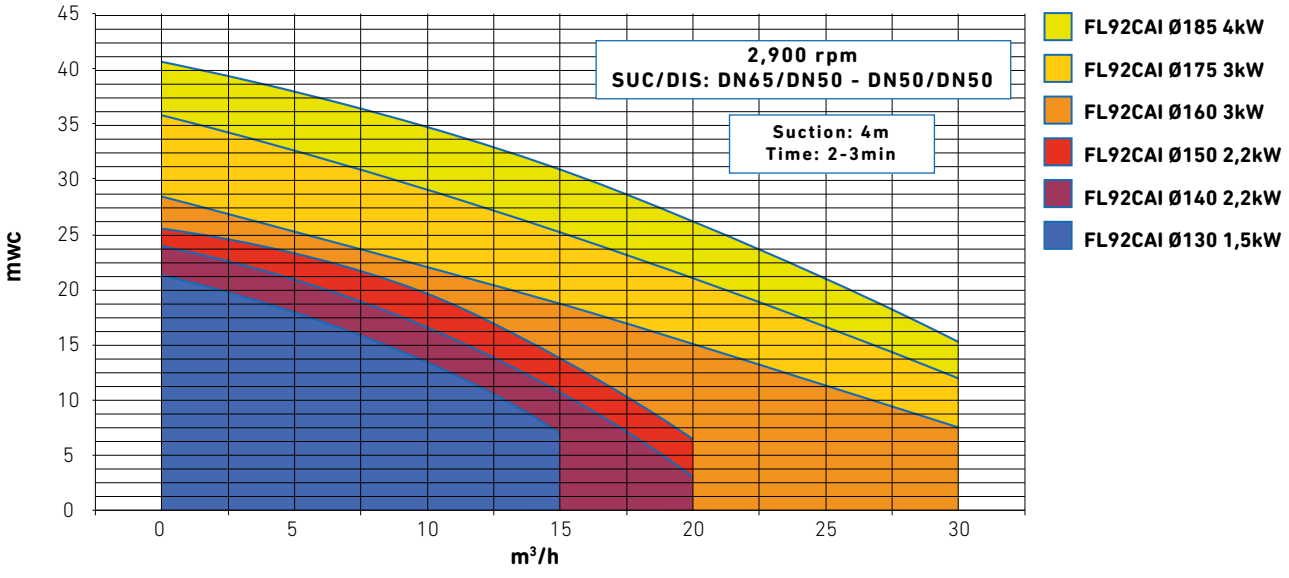
CHARACTERISTICS

Level of finish: Foodstuff / Industrial
Half-open impeller
Hygienic seal
Simplicity of parts
BSP/DIN 11851 connections

OPTIONS

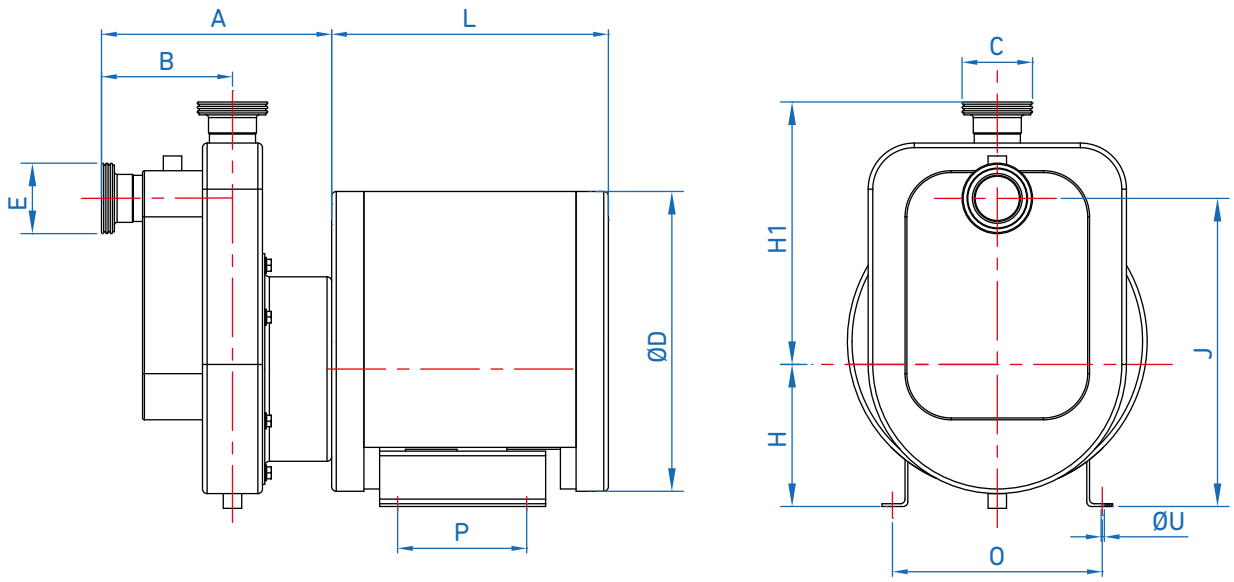
Cover
Open impeller
Other connections: DIN 2576, CLAMP, SMS, RJT, etc.
Trolley, platform
Dual mechanical seal with thermosiphon cooling system
Control pane

PERFORMANCE CURVES FL92CAI



(for other impeller and motor combinations, please ask)

DIMENSIONS AND CHARACTERISTICS OF FL92CAI MODEL



MODEL	MOTOR		DIMENSIONS											
	CV	kW	A	B	C	D	E	H	H1	J	L	O	P	U
FL92CAI	2	1.5	255	147.5	2" BSP	Ø175	2" BSP	150	295	335.5	237.5	215	135	Ø10
	3	2.2				Ø175		150		335.5	264.5	215	135	Ø10
	4	3				Ø190		160		345.5	337	255	200	Ø12
	5.5	4				Ø195	2 ½" BSP	172		357.5	356	275	200	Ø12
	7.5	5.5				Ø220		192		377.5	361	315	200	Ø12

MATERIALS LIST

PUMP

Lamp	STAINLESS STEEL AISI 304
Body Impeller Shaft Connections	STAINLESS STEEL AISI 316

MECHANICAL SEAL

Fixed part	Graphite	Tungsten	Graphite
Rotatory part	SS	Tungsten	SS
Gaskets	NBR	Nitrile	Viton

(For other materials, please ask)

MOTOR

Protection IP55	50 Hz 220-380V/380-690V

FL93CAI Self-priming centrifugal pump

APPLIACATIONS

FL93CAI food centrifugal pumps are used mainly for decanting liquids in the food, chemical and winery industries in applications where suction with load is not possible. The simplicity of the pump parts allows straightforward maintenance. The level of the finish and the pump design ensure a high degree of hygiene.

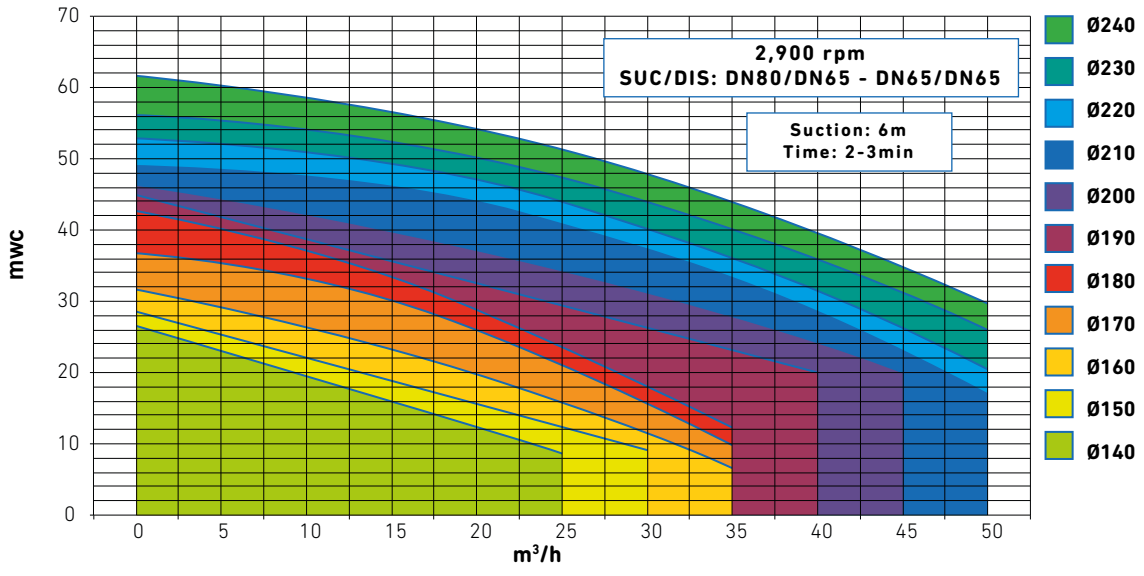
CHARACTERISTICS

Level of finish: Foodstuff / Industrial
Half-open impeller
Hygienic seal
Simplicity of parts
BSP/DIN 11851 connections

OPTIONS

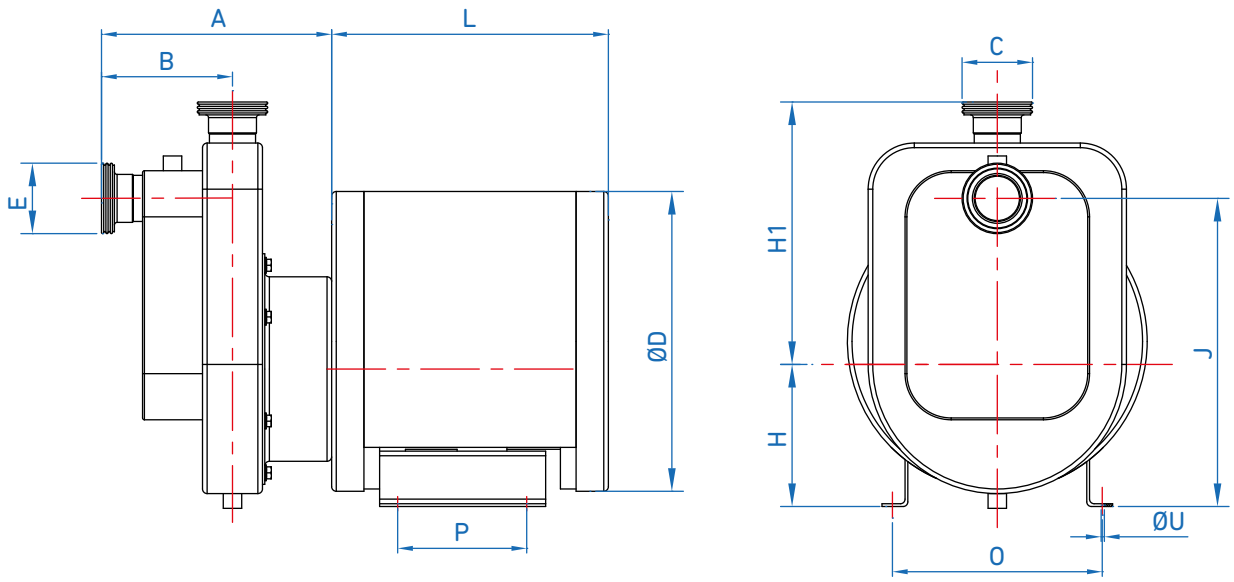
Cover
Open impeller
Other connections: DIN 2576, CLAMP, SMS, RJT, etc.
Trolley, platform
Dual mechanical seal with thermosiphon cooling system
Control panel

PERFORMANCE CURVES FL93CAI



(for other impeller and motor combinations, please ask)

DIMENSIONS AND CHARACTERISTICS OF FL93CAI MODEL



MODEL	MOTOR		DIMENSIONS											
	CV	kW	A	B	C	D	E	H	H1	J	L	O	P	U
FL93CAI	7.5	5.5	369	210	2 ½" BSP	Ø220	2 ½" BSP	150	386	450	350	335	300	Ø12
	10	7.5				Ø220		150		450	377	335	300	Ø12
	12	11	398			Ø264		160		478	468	375	400	Ø12
	20	15				Ø264	3" BSP	172		478	495	375	400	Ø12
	25	18.5				Ø310		192		478	495	375	400	Ø12
	30	22				Ø310		192		497.5	495	420	450	Ø14

MATERIALS LIST

PUMP

Lamp	STAINLESS STEEL AISI 304
Body Impeller Shaft Connections	STAINLESS STEEL AISI 316

MECHANICAL SEAL

Fixed part	Graphite	Tungsten	Graphite
Rotatory part	SS	Tungsten	SS
Gaskets	NBR	Nitrile	Viton

(For other materials, please ask)

MOTOR

Protection IP55	50 Hz 220-380V/380-690V

FL--AL

Liquid ring pump

APLICATIONS

The liquid ring pumps FL--AL have been designed for transferring and handling of clean fluids, fluids without any suspended solid particles. This kind of pumps, which are self-priming and reversible, can work with a wide range of products and fields like, wine and oils industry (wines, must, vinegar and olive oil), lactic products industry (milk, whey, etc.) and chemical industry (acids, solvents, detergents, inks, etc.).

CHARACTERISTICS

DIN 11851 connections
Level of finish: Industrial / Food grade
Hygienic seal

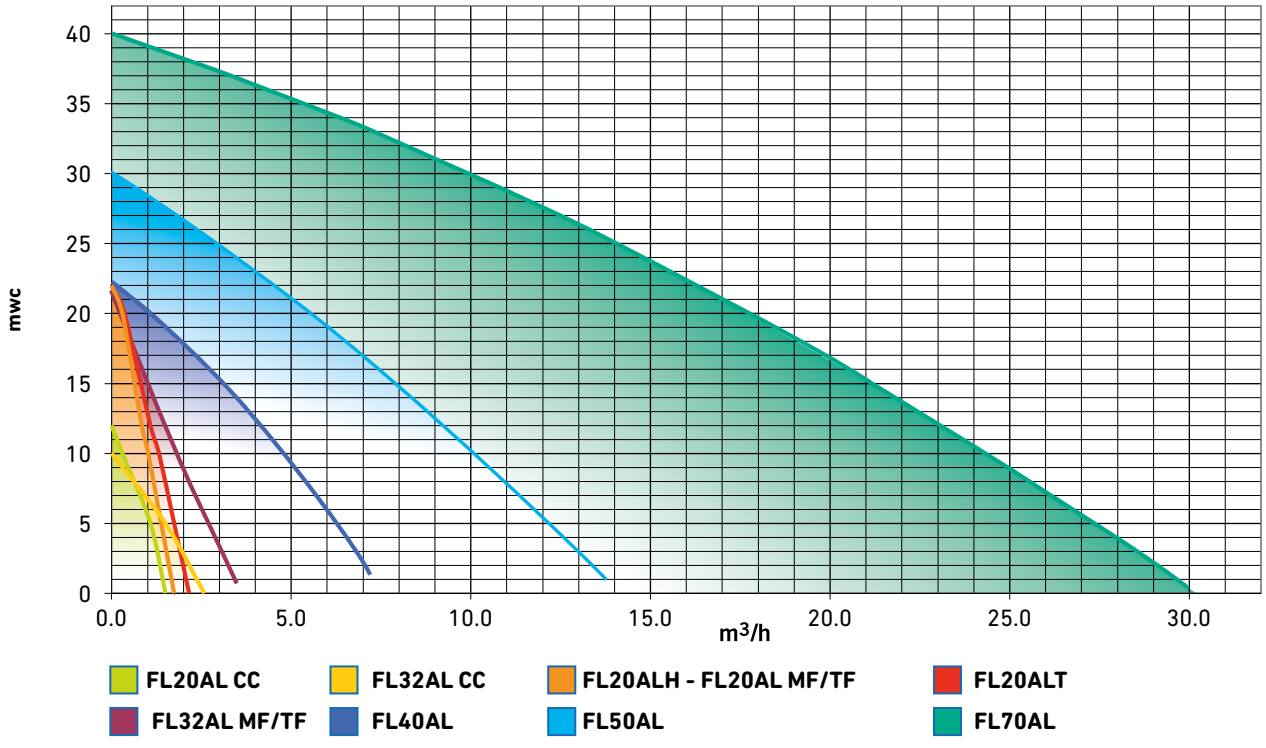
MATERIALS

Parts in contact with the fluid in SS AISI 316
NBR gaskets
Mechanical seal C/C/N

OPCIONES

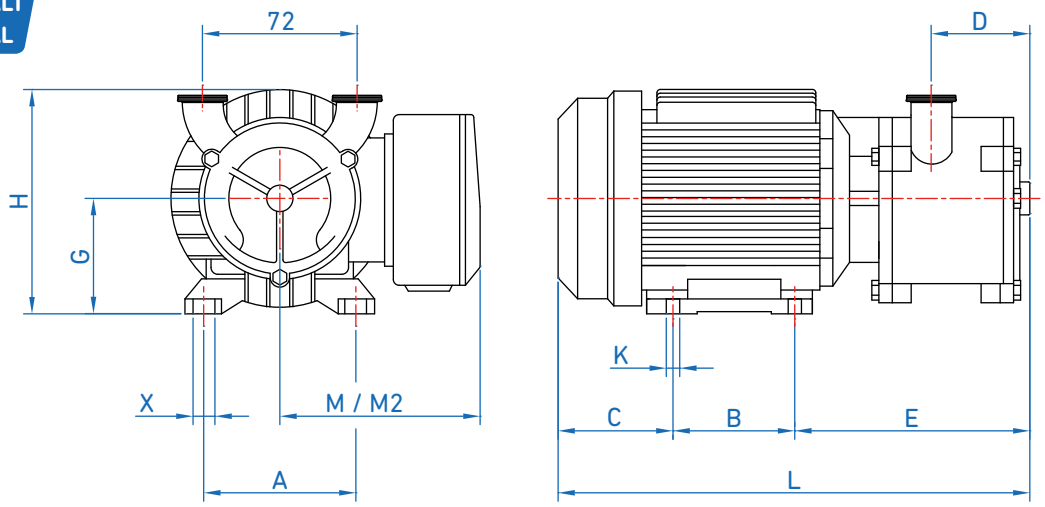
Other connections: BSP, SMS, GAROLLA, RJT, MACON, etc.
Control panel
Mechanical seal S/S/V
Viton gaskets
Trolley, Platform

PERFORMANCE CURVES FL--AL

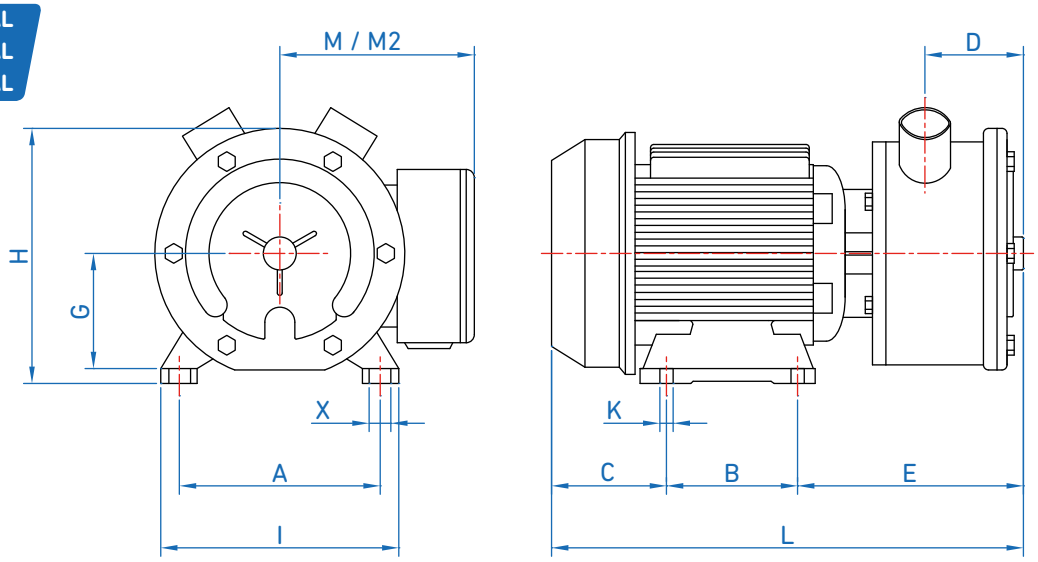


DIMENSIONS OF THE FL--AL MODEL

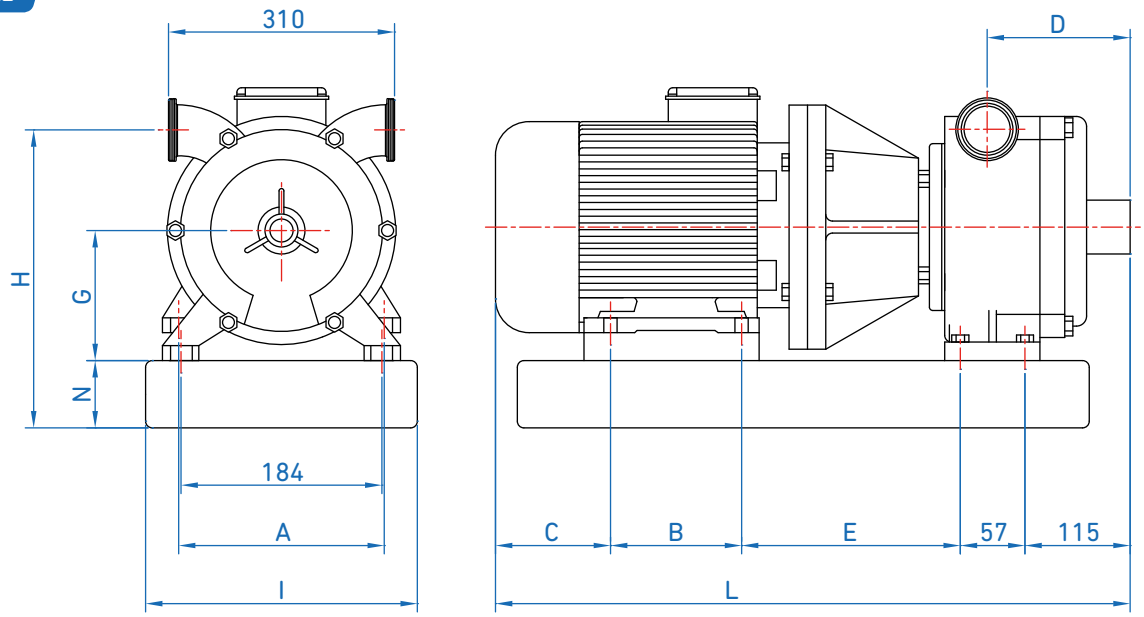
FL20ALH
FL20ALT
FL20AL



FL32AL
FL40AL
FL50AL



FL70AL



DIMENSIONS OF THE FL--AL MODEL

MODEL	RACCORD	MOTOR	DIMENSIONS (mm)												
				B	C	D	E	G	H	I	K	L	M**	M2*	X
FL20ALH	DN20	MF	90	71	73	37	107	56	113	-	5.5	251	110	-	8
FL20AL	DN 20	CC	100	80	100	34	115	71	123	-	7	295	-	110	12
		MF/TF	90	71	73	34	107	56	113	-	5.5	251	135	100	8
FL32AL	DN 32	CC	112	90	102	50	168	71	137	136	8	360	-	110	12
		MF/TF	112	90	78	50	168	71	137	136	8	336	145	110	12
FL40AL	DN 40	CC	140	125	185	76	190	90	165	175	10	500	-	130	17.5
		MF/TF	125	100	90	76	170	80	165	155	10	360	155	125	17.5
FL50AL	DN 50	CC	140	125	137	94	185	90	193	175	10	447	-	-	17.5
		MF/TF	140	125	100	94	215	90	193	175	10	440	160	130	17.5
FL70AL	DN65	TF 5.5 kW	190	140	148	144	245	128	306	280	11	705	-	-	18
	DN65	TF 7.5 kW	216	178	155	144	280	156	334	280	11	785	-	-	18

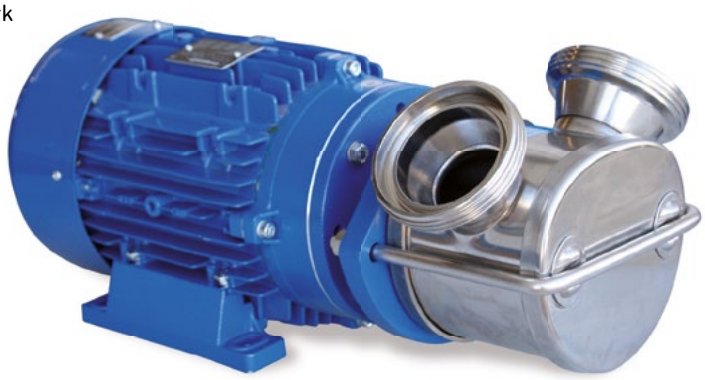
MODEL	MOTOR (*)	HP	kW	VOLTAGE	WEIGHT (Kg)	RPM	HEAD (m.w.c)								FLOW
							0	5	10	15	20	22	30	40	
FL20ALH	MF	0.6	0.45	230V	4.9	2800	1.74	1.38	1.02	0.84	0.60	0			Q (m^3/h)
FL20ALT	CC	0.6	0.45	12V/26A	4.7	3000	2.16	1.80	1.20	1.02	0.18	0			
				24V/14A											
FL20AL	CC	0.45	0.33	12V/26A	4.7	2000	1.50	1.08	0.30	0					
				24V/14A											
	MF	0.3	0.22	230V	5.1	2800	1.74	1.38	1.02	0.84	0.60	0			
	TF	0.35	0.26	230-400V	5.1	2800	1.74	1.38	1.02	0.84	0.60	0			
					4.7										
FL32AL	CC	0.5	0.37	12V/32A	9.1	2000	2.58	1.5	0						
		0.5	0.37	24V/20A	9.3	2000	2.58	1.5	0						
	MF	0.6	0.45	230V	9.5	2800	3.48	2.82	2.04	1.14	0.3	0			
	TF	0.75	0.56	230-400V	9.6	2800	3.48	2.82	2.04	1.14	0.3	0			
					8.7										
FL40AL	CC	1.5	1.12	24V/45A	19.9	1400	7.2	6.6	5.1	3.3	1.8	0			
	MF	1	0.75	230V	15.9	1400	7.2	6.6	5.1	3.3	1.8	0			
		1.5	1.12	230V	17.5	1400	7.2	6.6	5.1	3.3	1.8	0			
	TF	1	0.75	230-400V	15.6	1400	7.2	6.6	5.1	3.3	1.8	0			
		1.5	1.12	230-400V	17.6	1400	7.2	6.6	5.1	3.3	1.8	0			
					16.9										
FL50AL	CC	2	1.5	24V/105A	35.5	1400	13.8	12.6	10.5	8.4	5.4	5.1	0		
	MF	2.5	1.86	230V	27.5	1400	13.8	12.6	10.5	8.4	5.4	5.1	0		
	TF	2.5	1.86	230-400V	26.5	1400	13.8	12.6	10.5	8.4	5.4	5.1	0		
		2.5	1.86	230-400V	26.0	1400									
FL70AL	TF	7.5	5.5	230-400V	75.0	1400	30	27.6	24.9	22.2	17.7	16.8	9.9	0	
		10	7.5	230-400V	87.0	1400	30	27.6	24.9	22.2	17.7	16.8	9.9	0	

(*) MF = Single-phase / TF = three-phase / CC = direct current

FLM--RF

Flexible impeller pump

FLM--RF flexible impeller pumps have been specially designed to be reversible and self-priming. Due to the wide range of impeller materials, these pumps are able to handle and pump products like wine, lactic products and oils. Furthermore, flexible impeller pumps can work with high viscosity products such as cosmetic products, jams, syrups and liquid with solid particles or gases (carbonated beverages).



CHARACTERISTICS

Direct motor / Gearbox / Variable speed gear motor
BSP connections
Mechanical seal SS/G/N
Level of finish: Industrial / Foodstuff
Types of impeller rubber: Nitrile / EPDM / Silicone / Polyurethane / Natural rubber / Neoprene

MATERIALS

Material SS AISI 304
NBR gaskets

OPTIONS

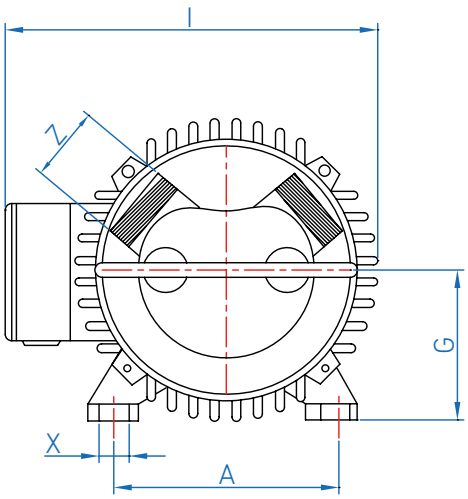
Iron/stainless steel trolley
Pump in SS AISI 316
Control panel with start/stop, 10m of wire, electric connections, etc.
Other connections: DIN 11851, RJT, MACON, SMS, CLAMP, etc.
Mechanical seal V/V/M o W/W/V
Bare shaft
By-pass

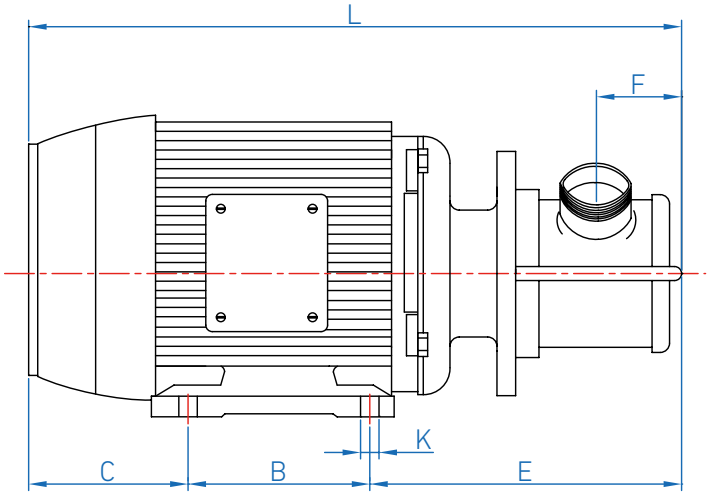
FLOW RATE AND PRESSURE PROVIDED

MODEL	MOTOR					WORKING CONDITIONS									
	CV	kW	Rpm	Type	H (head) (m.w.c.)	0	4	8	12	16	18	24	27	30	32
FLM20RF	0.5	0.37	900	MF/TF	Q (L/h)	1000	900	840	720	540	450	0			
	0.75	0.56	1400	MF/TF		1620	1440	1320	1140	1020	900	600	400	180	0
	0.4	0.3	1400	cc12-24V		1620	1440	1320	1140	1020	900	600	400	180	0
FLM32RF	0.75	0.56	900	MF/TF		3840	3480	3180	2760	2160	1800	720	0		
	1	0.75	1400			5760	5160	4800	4320	3600	3180	1920	1200	0	
	0.75	0.56	1400	TF/2Vel		5760	5160	4800	4320	3600	3180	1920	1200	0	
	0.5	0.37	700			2880	2600	2300	1900	1400	1100	0			
	0.75	0.5	900	cc24V		3840	3480	3180	2760	2160	1800	720	0		
FLM40RF	2	1.5	900	MF/TF		6900	6200	5760	5040	4200	3660	1800	0		
	2	1.5	1400	TF		10000	9000	8000	6900	5500	4900	2600	1700	0	
	2.5	1.87	1400	TF/2Vel		10000	9000	8000	6900	5500	4900	2600	1700	0	
	1.82	1.35	900			6900	6200	5760	5040	4200	3660	1800	0		
FLM60RF	1.5	1.1	470	TF		12000	10500	8700	5100	0					
	2	1.5	700			18000	15000	12000	8400	2500					
	2.5	1.87	900			22500	19560	15000	11220	300					
FLM80RF	4.5	3.4	470	TF		36000	34200	30000	24000	12000					
	4.5	3.4	600			43800	41400	36000	30000	16000					

(*) MF= single-phase / TF= three-phase / cc= direct current / 2vel= two velocities

DIMENSIONS AND CHARACTERISTICS OF FLM--RF MODEL





MODEL	MOTOR			DIMENSIONS												
	CV	kW	Rpm	A	B	C	E	F	G	H	I	L	K	X	Z	DN
FLM20RF	0.5	0.37	900	112	90	80	106	26	70	140	180	276	ø7	12	¾"	25
	0.75	0.56	1400													
	0.4	0.3	1400													
FLM32RF	0.75	0.56	900	125	100	85	153	38	70	159	215	338	ø8	16	1 ¼"	32
	1	0.75	1400													
	0.75	0.56	1400													
	0.5	0.37	700													
	0.75	0.5	900													
FLM40RF	2	1.5	900	140	125	95	200	60	84	180	238	420	ø10	16	1 ½"	40
	2	1.5	1400													
	2.5	1.87	1400	160	140	107	208	60	94	198	250	455	ø12	21		
	1.82	1.35	900													
FLM60RF	1.5	1.1	470	190	140	115	259	70	82	225	275	514	ø12	22	2"	65
	2	1.5	700	160	140	107	243	70	82	198	250	490	ø12	21		
	2.5	1.87	900													
FLM80RF	4.5	3.4	470	216	178	143	309	90	115	261	330	630	ø12	22	2 ½"	80
	4.5	3.4	600													

Gear and Lobe pumps

FL--ENM

Monobloc external gears pump

FL--ENC

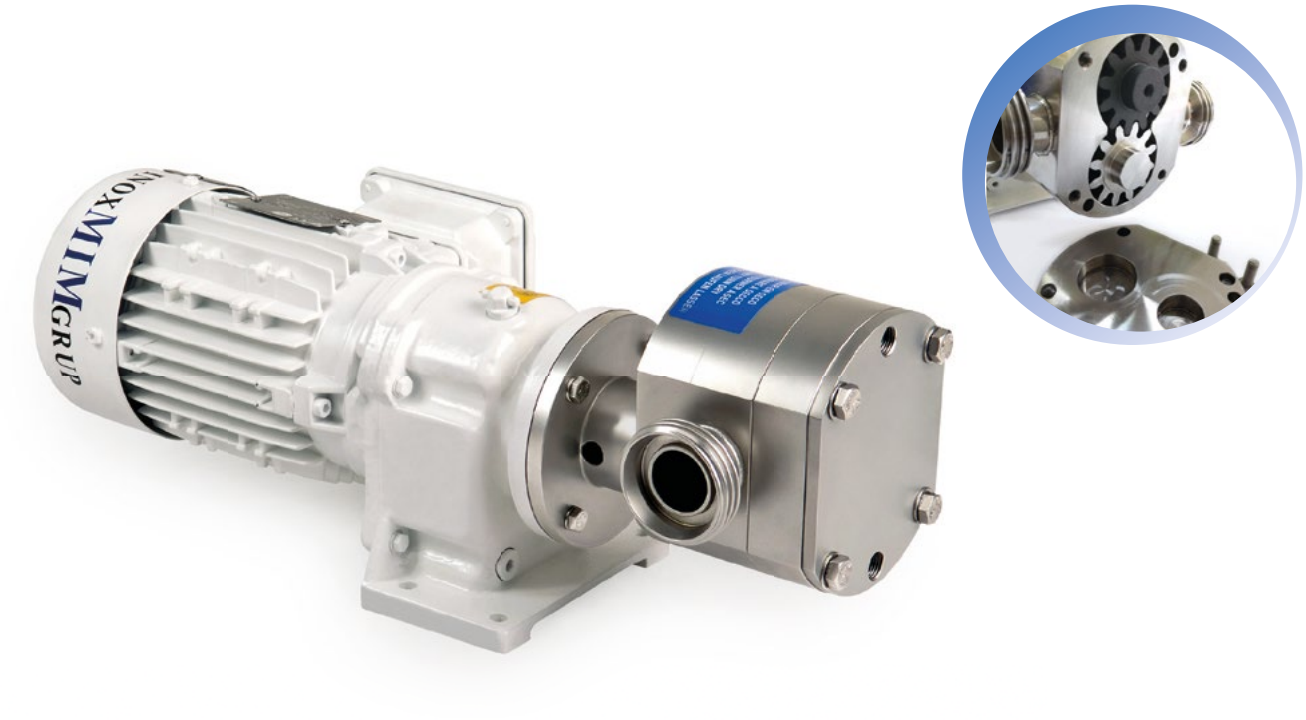
External gears pump

FL--PRL

Lobe Pump

FL--ENM

Monobloc gears pump



FL--ENM external gear pumps are robust, reliable machines which provide a precise, constant flow. This characteristic is very useful in a wide range of applications.

They can be applied in operations such as: dosing of anchovy paste, oils, fats, creams, chocolates and other products.

OPERATING PRINCIPLE

Movement of the product comes from the flow of the liquid between the teeth of two coupled gears. The main gear (driving gear) is moved by the motor shaft and forces the follower gear (free gear) to turn; this volume displacement is proportional to the turning speed and provides the required flow equally in both directions.

This pump is highly recommended for dosing and transferring high viscosity products, along with other products which need to be handled at controlled temperature, thanks to the option of including a heating chamber in the front in order to prevent solidification or crystallization.

CARACTERISTICS

Reversible
High performance and capability to work with high temperatures
Low noise level
Long life in extreme working conditions
High versatility and reliability
Completely watertight
Monobloc design and compact size
DIN 11851 connections

MATERIALS

Teflon follower gear
Driving gear in SS AISI 316
Parts in contact with the product are made of SS AISI 316
Level of finish: Foodstuff

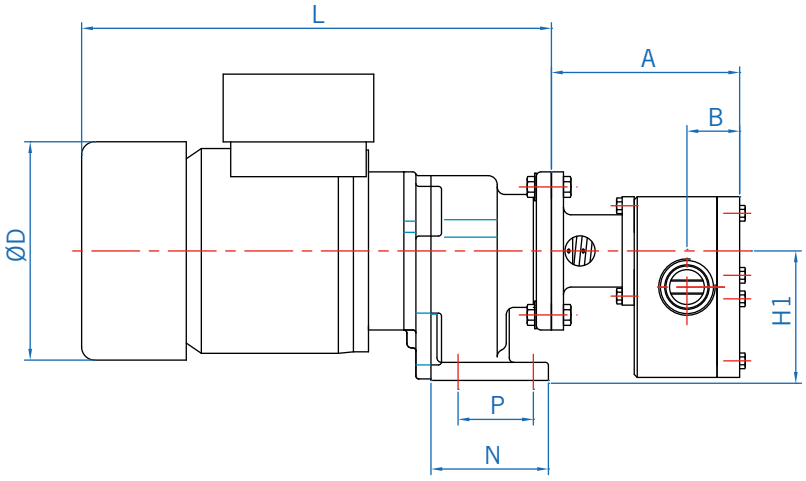
OPTIONS

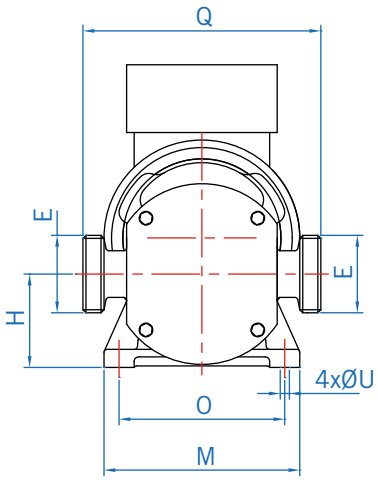
Control panel
Heating chamber through electrical elements, steam or hot water
Pressure control device with pressure switch
Temperature control device with temperature probes
Iron/stainless steel trolley, platform
CE control panel with start/stop device, inverter, 10 m of wire, electrical connectors
Other connections: FLANGE, BSP, CLAMP, RJT, etc.

CAPACITY OF FL--ENC PUMPS

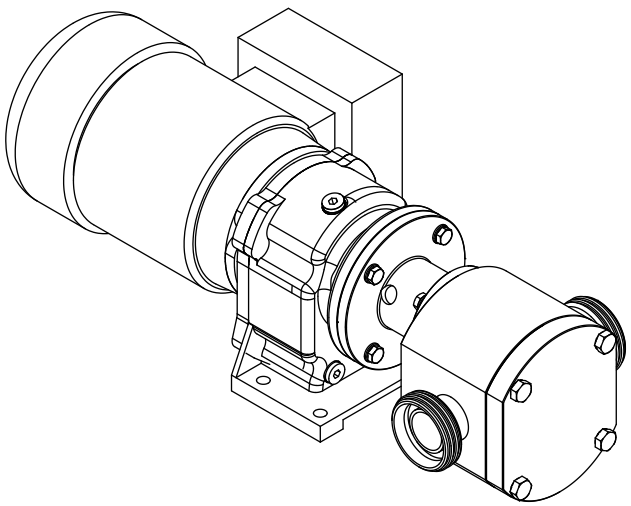
MODEL	Min. Flow (L/h)	Max. Flow (L/h)	Max. Pressure (bar)	DIN 11851	BSP	CLAMP
FL40ENM	200	1.000	2	DN25 - DN32	1" - 1¼"	1" - 1¼"
FL60ENM	400	2.000	2	DN25 - DN32	1" - 1¼"	1" - 1¼"

DIMENSIONS OF FL--ENM MODEL





MODEL	A	B	D	E	H	H1	L	M	N	O	P	Q	U
FL40ENM	125	35	130	DN25 - DN32	62	86	290	130	78	110	50	158	8.5
FL60ENM	165	45	145	DN25 - DN32	62	86	312	130	78	110	50	158	8.5



FL--ENC

External gears pump

With their robust design, FL--ENC gear pumps can provide a constant flow and allow working with high pressures. FL--ENC pumps can work with flows up to 25 m^3/h.

The gear pump external casting combines high reliability and high-efficiency seal technology. These features together make FL--ENC pumps suitable for use in the chemical and foodstuff industries with products such as oils, fats, molasses, starch, cellulose, creams, chocolate, etc.

OPERATING PRINCIPLE

Movement of the fluid comes from the flow of the liquid between the teeth of two coupled gears produced by the external gear pumps. One of the gears (driving gear) is moved by the motor shaft, whilst the other (free gear) rotates due to the movement of the driving gear, thus allowing the product to flow.

This positive volumetric displacement pump system is very useful in dosing and transferring high viscosity products and in applications with fluids which have to be handled with temperature; FL--ENC pumps are manufactured with heating chambers on the front and rear part of the gears in order to avoid product solidification.

CHARACTERISTICS

Reversible
DIN 2576 connections
Platform
High performance and capability to work with high temperatures
Low noise level
Long life in extreme working conditions
High versatility and reliability
Compact design

MATERIALS

Pump body in nodular casting
Gears in F-127 tempered carbon steal
Shafts in carbon steel F-5
Shaft covering in SS AISI 304L or 316L
Iron platform

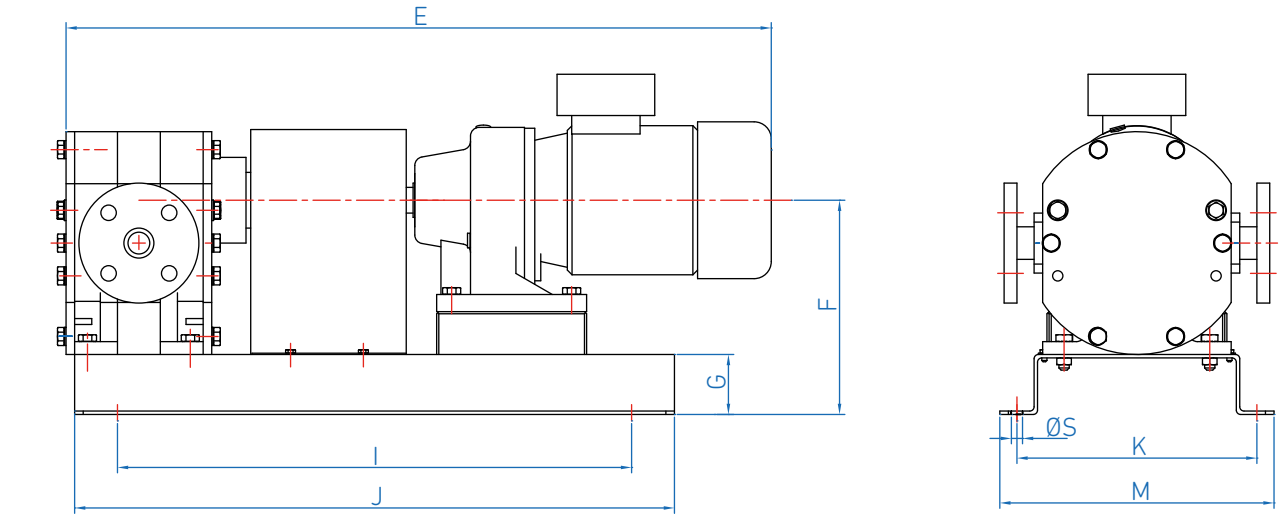
OPTIONS

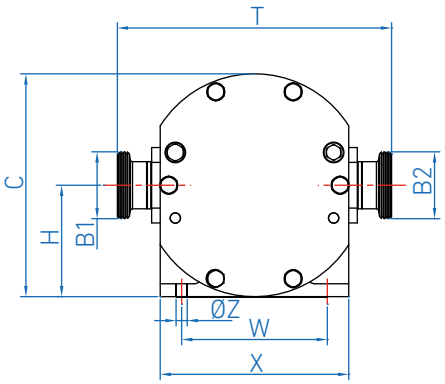
Heating chamber through electrical elements, steam or hot water
Pressure control device with pressure switch
Temperature control device with temperature probes
Iron/stainless steel trolley,
CE control panel with start/stop device, inverter, 10 m of wire, electrical connectors
Other connections: DIN 11851, BSP, CLAMP, RJT, etc.

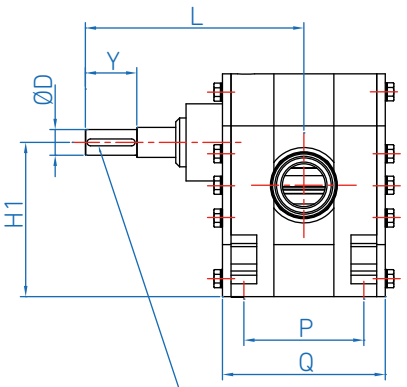
CAPACITY OF FL--ENC PUMPS

MODEL	Min. Flow (L/h)	Max. Flow (L/h)	Max. Pressure (bar)	Ø Free (mm)	DIN 11851	CLAMP	BSP
FL50ENC	500	4.000	18	29	DN25 - DN32	1"	1" - 1¼"
FL70ENC	1.000	7.000	18	50	DN40 - DN50	1 ½" - 2"	1 ½" - 2"
FL100ENC	3.000	10.000	18	67	DN65 - DN80	2" - 2 ½"	2" - 2 ½"
FL140ENC	5.000	15.000	18	80	DN80 - DN100	3" - 4"	3"

DIMENSIONS OF FL--ENC MODEL

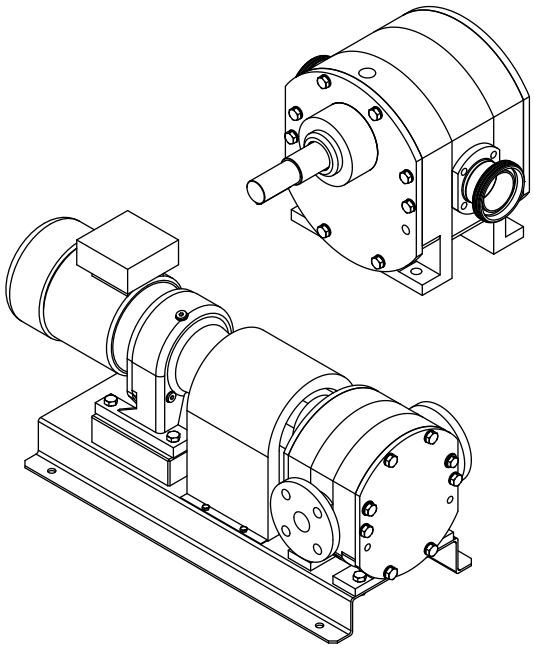






DIMENSIONS SHAFT KEYWAYS
AND KEYS S/DIN 6885/1

MODEL	B1	B2	C	D	E	F	G	H	H1	I	J	K	L	M	P	Q	S	T	W	X	Y	Z
FL50ENC	DN32	DN32	260	30	825	190	60	130	180	500	700	340	245	370	245	170	14	300	170	220	60	13
FL70ENC	DN50	DN50	260	30	843	190	60	130	180	500	700	340	255	370	255	190	14	320	170	220	60	13
FL100ENC	DN80	DN80	260	34	932	190	60	130	180	500	700	340	270	370	270	220	14	340	170	220	60	13
FL140ENC	DN80	DN80	260	34	1086	190	60	130	180	500	700	340	290	370	290	260	14	340	170	220	60	13



MODEL	WEIGHT (kg) Bare shaft pump
FL50ENC	48.5
FL70ENC	54
FL100ENC	63
FL140ENC	73.5

FL--PRL

Lobe Pump

FL--PRL lobe pumps are made from stainless steel and are highly suitable for pumping viscous fluids.

CHARACTERISTICS

Flow rates up to 70 m^3/h
Pressures up to 12 bar
Viscosities up to 100.000 cP
Mechanical seal Sic/Sic/EPDM
DIN 11851 connections

TEMPERATURES

Standard up to 90°C
With special rotors up to 165°C

MATERIALS

Parts in contact with the product are manufactured in SS AISI 316
EPDM gaskets

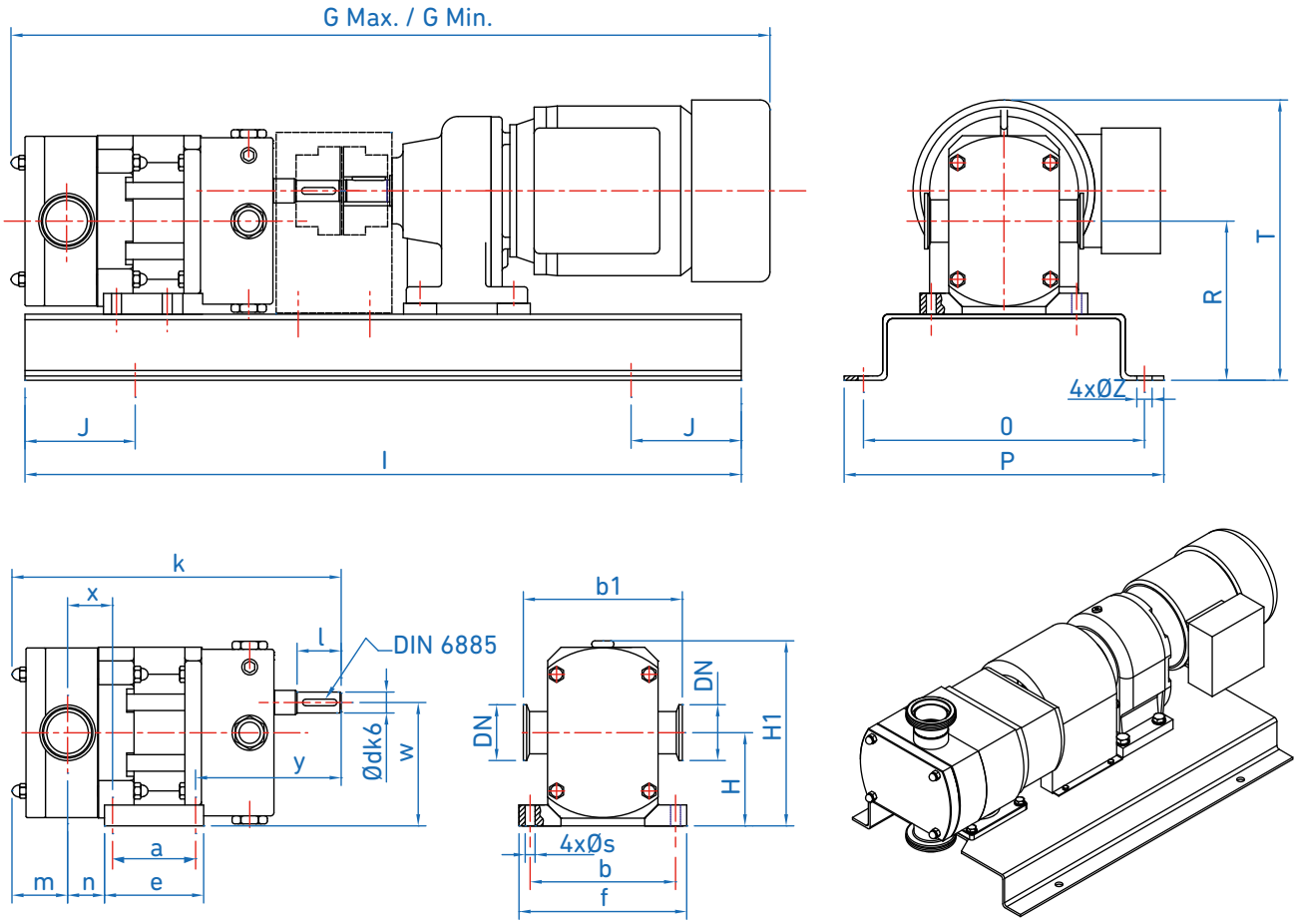
OPTIONS

Safety by-pass
Dual or single mechanical seal Tc/Tc/V
Other connections: CLAMP, Flange, SMS, etc.
Heating chambers
Operation by geared motor drive, variable speed motor or frequency converter.
Cooling system by thermosiphon
Trolley, platform

APPLICATIONS

The characteristics of FL--PRL pumps make them suitable for a wide range of products such as:
Milk cream / Curd / Cheese / Concentrated milk / Condensed milk
Liquid sugar / Molasses / Glucose / Fructose / Starches / Honey
Fruit or vegetable concentrates / Pulps / Juices / Syrups
Animal oils and fats / Vegetable oil and fats
Mayonnaise / Mustard / Tomato sauce / Condiments / Eggs / Broths
Concentrated must / Musts / Yeasts / Brewery mashes
Creams / Gels / Lotions / Extracts / Liquid detergents
Nutrient solutions / Enzymes / Stock cultures / Cell suspensions
Glues / Starch solutions / Resins / Photographic emulsions

DIMENSIONS OF FL--PRL MODEL



MODEL	DN	a	b	b1	c	Ød	e	f	G Min.	G Max.	H	H1	I	J	K	l	m	n
FL55SPRL	25	46	126	144	20	19	72	146	641	728	84.5	166	650	100	298	40	52	28
FL55LPRL	40	46	126	144	20	19	72	146	654	741	84.5	166	650	100	311	40	62	30
FL75SPRL	40/50	56	156	174/244	24	28	82	176	726	894	102.5	210	700	100	342	60	64	30
FL75LPRL	50	56	156	180	24	28	82	176	741	909	102.5	210	700	100	357	60	71.5	37.5
FL100SPRL	50/60	66	200	223/285	28	40	98	228	887	1098	140	282	1000	150	432	74	76.5	41.5
FL100LPRL	80	66	200	243	28	40	98	228	917	1128	140	282	1000	150	462	74	88	60
FL130SPRL	80	124	254	294	32	50	164	284	985	1196	185	360	1100	150	530	82	111	55
FL130PRL	100	124	254	294	32	50	164	284	1020	1231	185	360	1100	150	565	82	121	80

MODEL	O	P	R	Øs	T	w	x	y	ØZ
FL55SPRL	255	290	144.5	9	255	112	41	160	9
FL55LPRL	255	290	144.5	9	255	112	43	160	9
FL75SPRL	260	290	162.5	9	285	140	43	179	12
FL75LPRL	260	290	162.5	9	285	140	50.5	179	12
FL100SPRL	320	350	285	10.5	359	190	57.5	232	14
FL100LPRL	320	350	285	10.5	359	190	76	232	14
FL130SPRL	340	370	385	10.5	465	250	75	220	18
FL130PRL	340	370	385	10.5	465	250	100	220	18

MODEL	Connections	Flow (L/rev)	Max Pressure (bar)
FL55SPRL	DN25	0.106	9
FL55LPRL	DN40	0.152	6
FL75SPRL	DN40/50	0.283	12
FL75LPRL	DN50	0.389	8
FL100SPRL	DN50/65	0.690	12
FL100LPRL	DN80	1.070	8
FL130SPRL	DN80	1.80	12
FL130PRL	DN100	2.54	8

FLUIDMIM PUMPING SYSTEMS

Screw pumps

FL--ERBY

Screw pump with by-pass

FL--EF

Screw pump with floating stator

FL--ERT

Screw pump with hopper

FL--ERB

Sanitary grade stainless steel screw pump

FL--ERTA

Helicoidal pump with hopper and feeder

FL--ERBL

Stainless steel screw pump

FL--ERTV

Screw pump for grape reception

MONOBLOC

Stainless steel screw pump

FL--EREX

Enological helicoidal pump with feeder

FL--ERL

Stainless steel sanitary screw pump

FL--ERBE

Foodstuff /Sanitary vertical screw pumps

FL--EF

Screw pump with floating stator

APPLICATIONS

The FL--EF screw pumps are designed specifically for pumping fluids that require special care in handling like: wine, must, oil, juice, canned food, etc.

CHARACTERISTICS

BSP connections
Level of finish: Foodstuff / Industrial

MATERIALS

Parts in contact with product in SS AISI 316
Stator and gaskets in Nitrile
Mechanical seal C/C/N

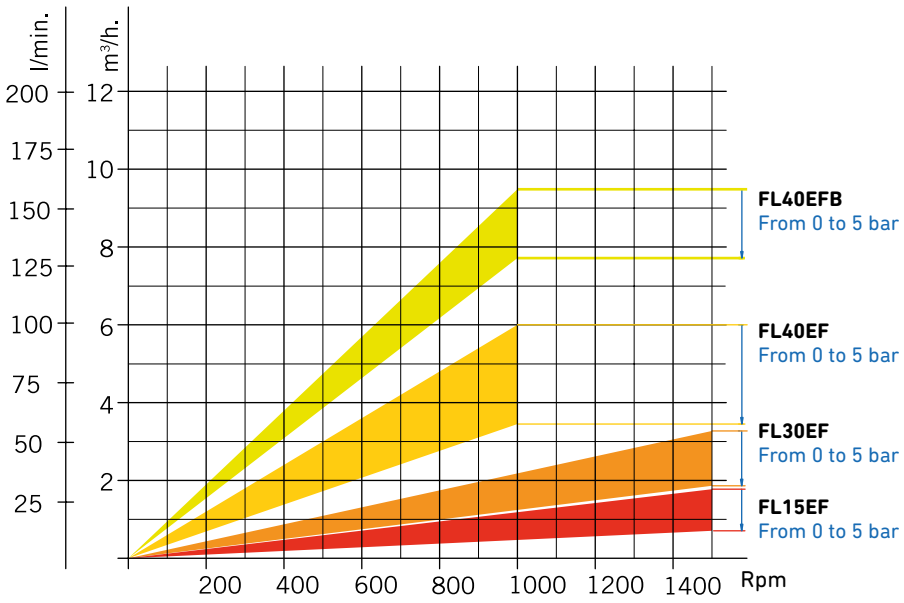
OPTIONS

Other connections: DIN 11851, SMS, CLAMP, RJT, etc.
Mechanical adjustable speed disc drive
Trolley, platform

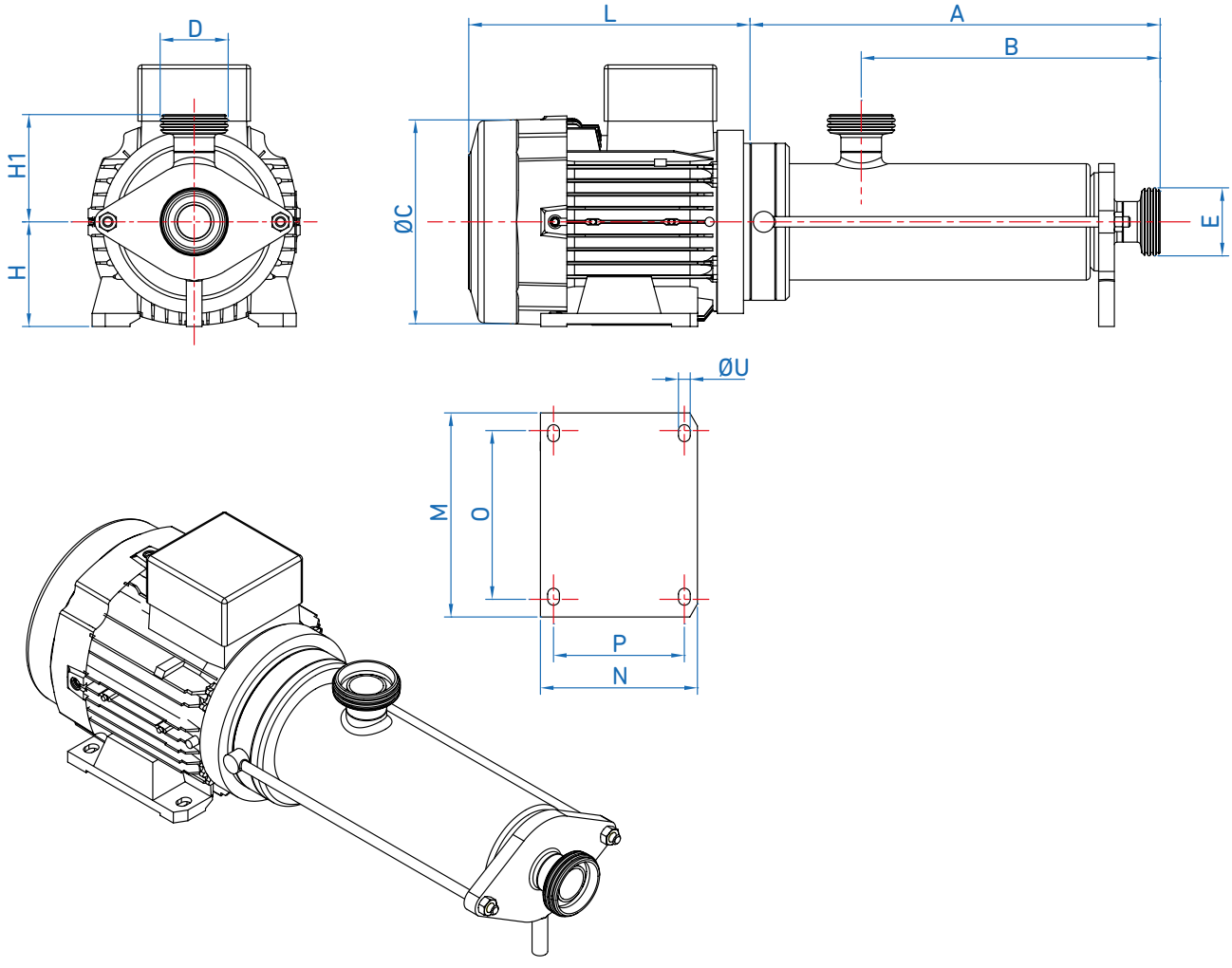
MODEL	kW	Speed (Rpm)	Max. height (m.w.c.)	Flow (m^3/h)
FL15EF	0.25	1.500	50	0.3
FL30EF	0.75	1.500	50	2.5
FL40EF	1.1	1.000	50	3.8
FL40EFB	2.2	615	50	8.0

DIMENSIONS AND CHARACTERISTICS OF FL--EF MODEL

SELECTION ZONE



MODEL	A	B	D	E	H	H1	L	M	N	O	P	U
FL15EF	248	156	122	1" BSP	63	75	85	136	110	112	90	7
FL30EF	345	240	161	1 ¼ " BSP	80	105	235	160	125	125	100	9.5
FL40EF	435	285	181	2" BSP	90	125	280	182	155	140	125	9.5
FL40EFB	500	370	181	2 ½ " BSP	100	140	400	185	210	160	80	11

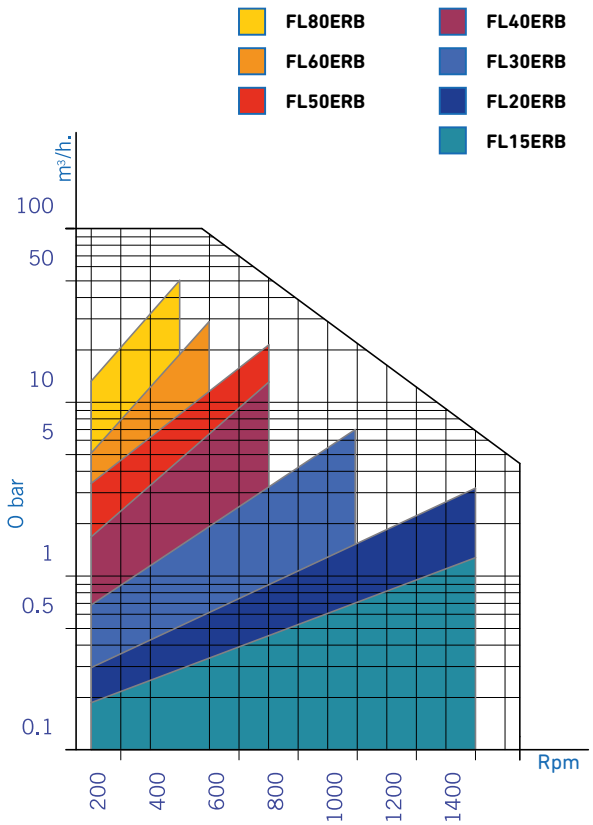


FL--ERB

Stainless steel screw pump

FL--ERBL

SELECTION ZONES



APPLICATIONS

The screw pumps FL--ERBS have been designed for pumping products that require careful treatment like wine, must, oil, juice, chemical products, etc.

CHARACTERISTICS

DIN 11851 connections
Level of finish: Sanitary
Monobloc / free shaft assembly
1 - 2 - 3 - 4 stages (up to 24 bar)

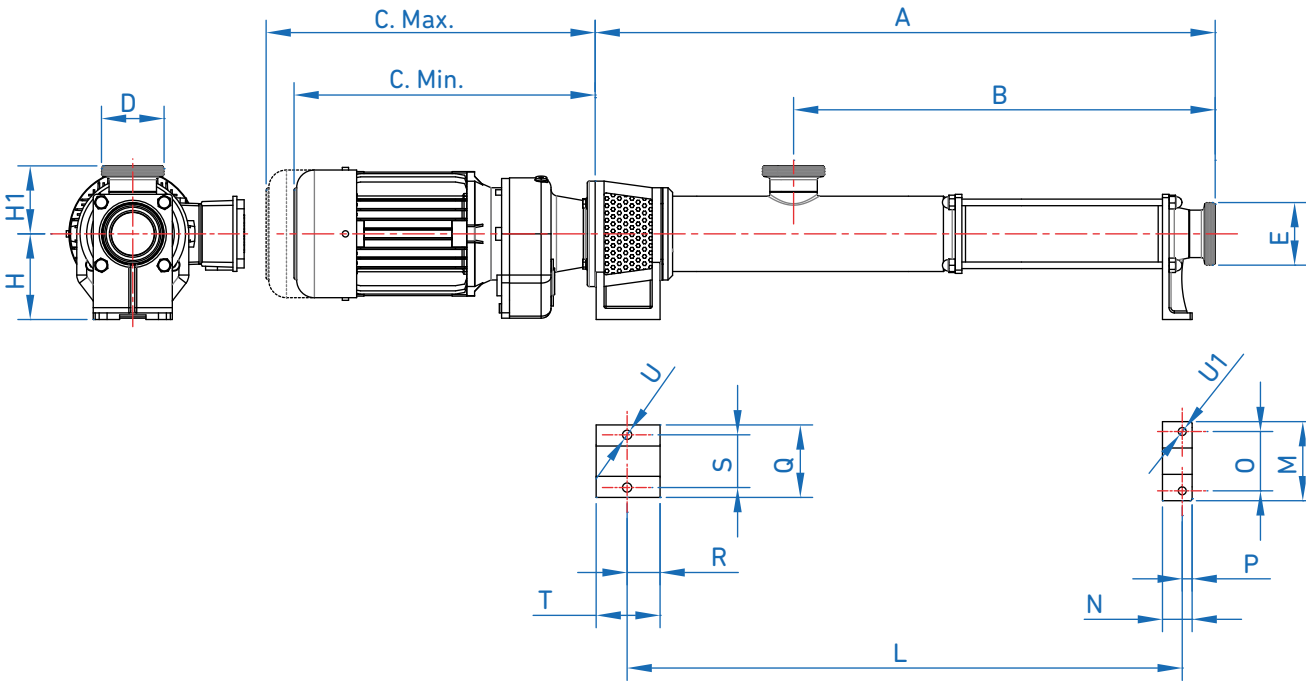
MATERIALS

Metal parts in contact with the product in SS AISI 316
White Perbunan stator and EPDM gaskets
Mechanical seal C/C/N

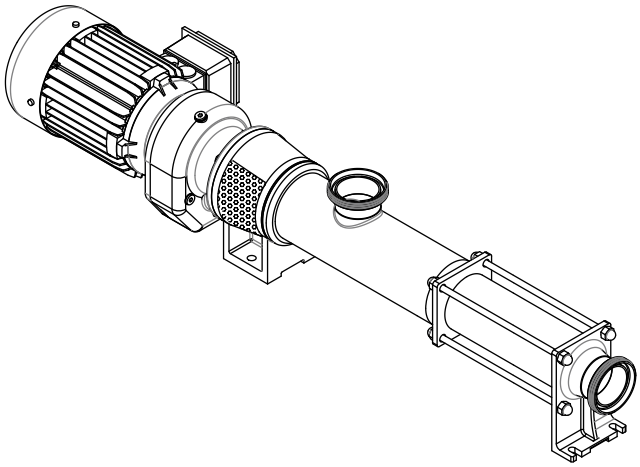
OPTIONS

Other connections: BSP, SMS, FIL, CLAMP, FLANGE, RJT, etc.
Mechanical variator
Frequency converter
Liquid presence / Thermal probes
Control panel
Mechanical seal S/S/V
Stator in other rubbers: Viton / Silicon / EPDM / Nitrile / Hypalon, etc.
Trolley, platform

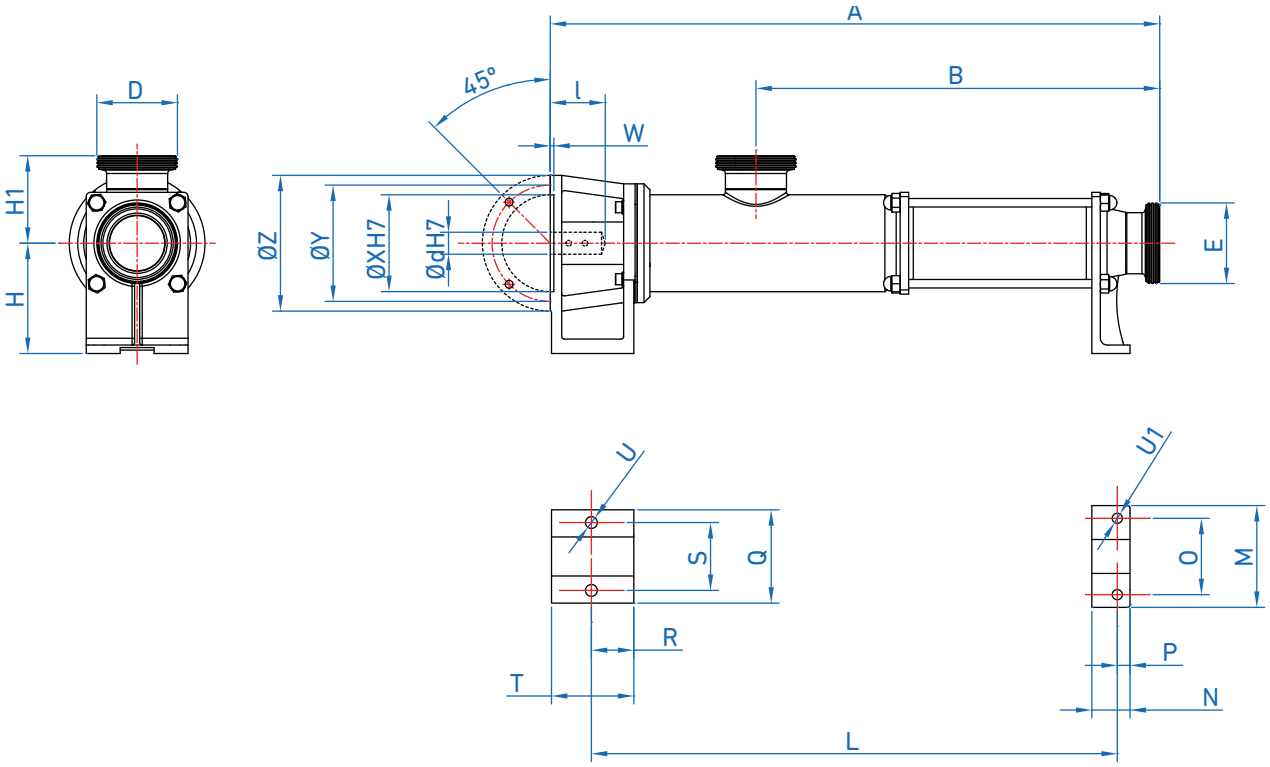
DIMENSIONS OF FL--ERB AND FL--ERB2 MODELS



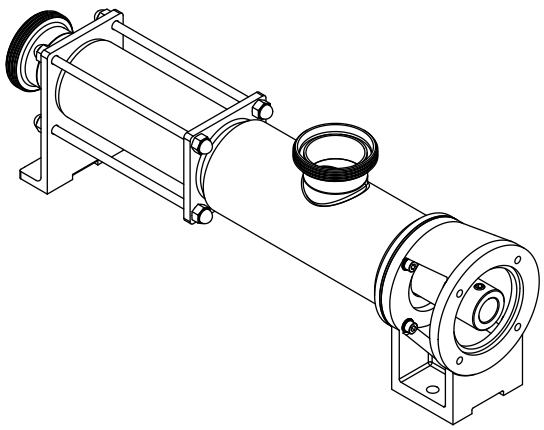
MODEL	A	B	C.Min	C.Max	D/E	H	H1	L	M	N	O	P	Q	R	S	T	U	U1
FL15ERB	377	247	301	385	DN25	102	90	307	80	40	63	15	70	20	53	50	Ø9	Ø9
FL20ERB	412	283	301	385	DN32	102	77.5	339	80	40	63	15	70	20	53	50	Ø9	Ø9
FL30ERB	611	401	319	433	DN50	125	85	516	105	45	75	15	110	50	80	100	Ø14	Ø12
FL40ERB	716	476	382	477	DN65	130	105	616	120	45	90	15	110	50	80	100	Ø14	Ø12
FL50ERB	860	565	380	475	DN80	155	110	740	140	50	100	20	150	60	110	115	Ø18	Ø14
FL60ERB	1151	781	446	581	DN100	175	130	1032	160	60	120	20	150	60	110	115	Ø18	Ø14
FL80ERB	1269	899	446	581	DN100	175	145	1158	180	60	140	20	150	60	110	115	Ø18	Ø14
FL15ERB2	457	327	301	385	DN25	102	90	387	80	40	63	15	70	20	53	50	Ø9	Ø9
FL20ERB2	513	384	301	385	DN32	102	77.5	408	80	40	63	15	70	20	53	50	Ø9	Ø9
FL30ERB2	762	552	319	433	DN50	125	85	667	105	45	75	15	110	50	80	100	Ø14	Ø12
FL40ERB2	916	676	382	477	DN65	130	105	816	120	45	90	15	110	50	80	100	Ø14	Ø12
FL50ERB2	1102	807	380	475	DN80	155	110	982	140	50	100	20	150	60	110	115	Ø18	Ø14
FL60ERB2	1451	1081	446	581	DN100	175	130	1382	160	60	120	20	150	60	110	115	Ø18	Ø14
FL80ERB2	1686	1316	446	581	DN100	175	145	1575	180	60	140	20	150	60	110	115	Ø18	Ø14



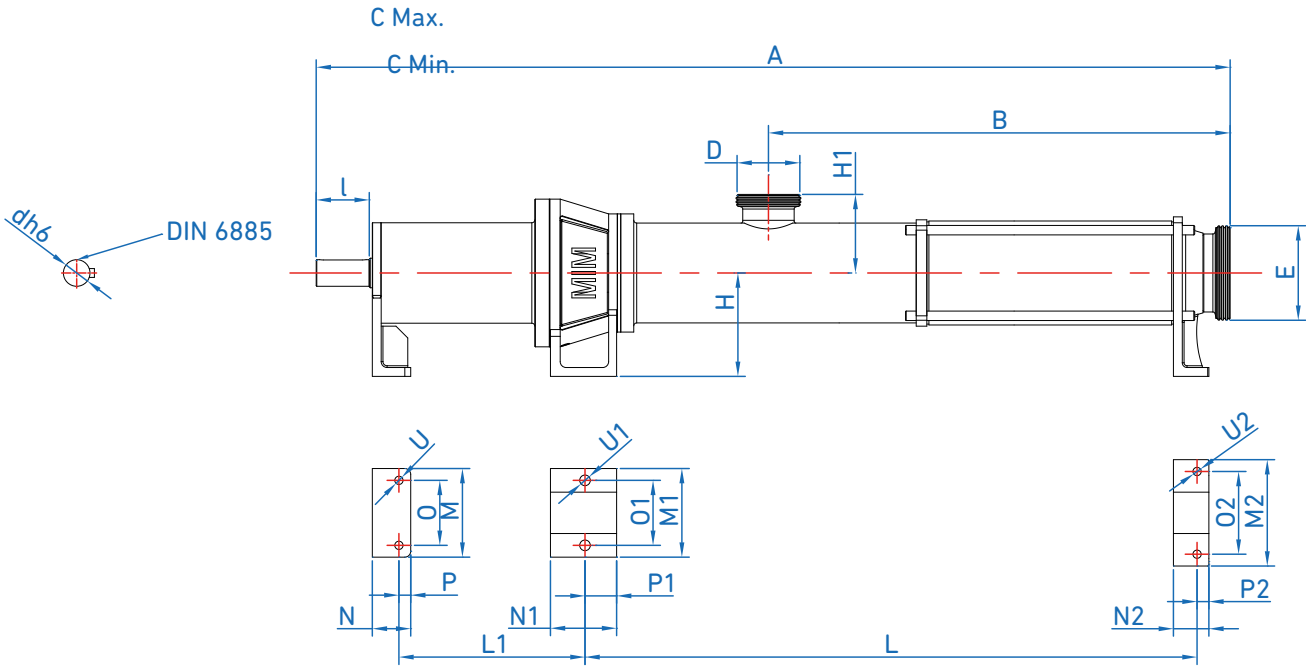
DIMENSIONS OF MONOBLOC FL--ERB AND FL--ERB2 MODELS



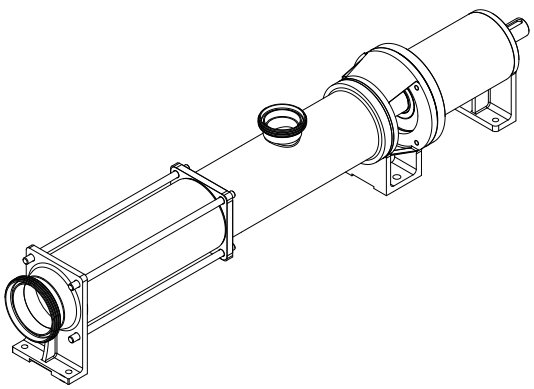
MODEL	A	B	D/E	H	H1	L	M	N	O	P	U	U1	Q	S	T
FL15Monobloc	377	247	DN25	102	90	307	80	40	63	15	Ø9	Ø9	70	53	50
FL20Monobloc	412	283	DN32	102	77,5	339	80	40	63	15	Ø9	Ø9	70	53	50
FL30Monobloc	611	401	DN50	125	85	516	105	45	75	15	Ø14	Ø12	110	80	100
FL40Monobloc	716	476	DN65	130	105	616	120	45	90	15	Ø14	Ø12	110	80	100
FL50Monobloc	860	565	DN80	155	110	740	140	50	100	20	Ø18	Ø14	150	110	115
FL60Monobloc	1151	781	DN100	175	130	1032	160	60	120	20	Ø18	Ø14	150	110	115
FL80Monobloc	1269	899	DN100	175	145	1158	180	60	140	20	Ø18	Ø14	150	110	115
FL15Monobloc2	457	327	DN25	102	90	387	80	40	63	15	Ø9	Ø9	70	53	50
FL20Monobloc2	513	384	DN32	102	77,5	408	80	40	63	15	Ø9	Ø9	70	53	50
FL30Monobloc2	762	552	DN50	125	85	667	105	45	75	15	Ø14	Ø12	110	80	100
FL40Monobloc2	916	676	DN65	130	105	816	120	45	90	15	Ø14	Ø12	110	80	100
FL50Monobloc2	1102	807	DN80	155	110	982	140	50	100	20	Ø18	Ø14	150	110	115
FL60Monobloc2	1451	1081	DN100	175	130	1382	160	60	120	20	Ø18	Ø14	150	110	115
FL80Monobloc2	1686	1316	DN100	175	145	1575	180	60	140	20	Ø18	Ø14	150	110	115



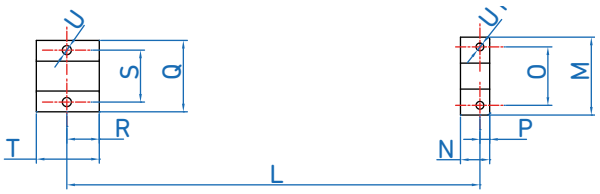
DIMENSIONS OF FL--ERBL AND FL--ERBL2 MODELS

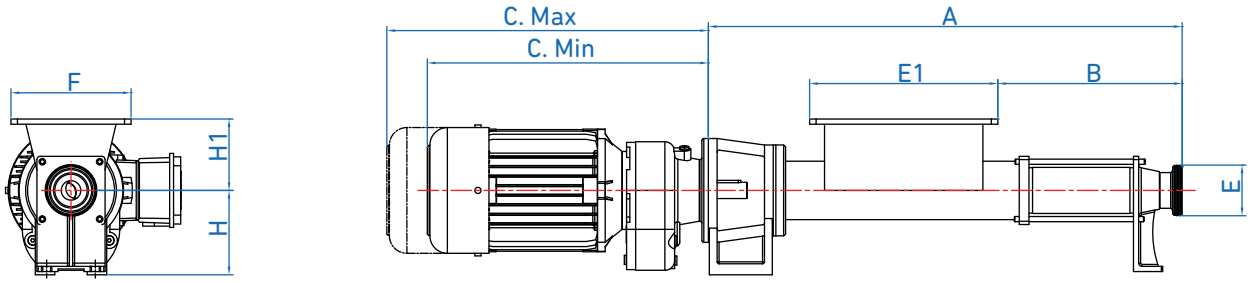


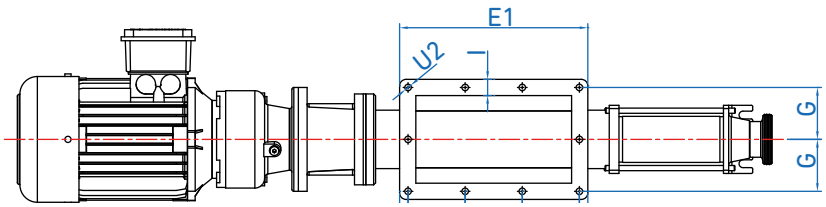
MODEL	A	B	H	H1	L	L1	M	M1	M2	N	N1	N2	D/E	O	O1	O2	P	P1	P2	U	U1	U2	l	d
FL15ERBL	570	247	102	90	307	-	-	70	80	-	50	40	DN25	-	53	63	-	20	15	-	Ø9	Ø9	50	20
FL20ERBL	605	283	102	78	339	-	-	70	80	-	50	40	DN32	-	53	63	-	20	15	-	Ø9	Ø9	50	20
FL30ERBL	829	401	125	85	516	-	-	110	105	-	100	45	DN50	-	80	75	-	50	15	-	Ø14	Ø12	60	25
FL40ERBL	934	476	130	105	616	-	-	110	120	-	100	45	DN65	-	80	90	-	50	15	-	Ø14	Ø12	60	25
FL50ERBL	1181	565	155	110	740	248	150	150	140	65	115	50	DN80	110	110	100	20	60	20	14	Ø18	Ø14	75	35
FL60ERBL	1546	781	175	130	1032	315	150	150	160	65	115	60	DN100	110	110	120	20	60	20	14	Ø18	Ø14	90	45
FL80ERBL	1664	899	175	145	1158	315	150	150	180	65	115	60	DN125	110	110	140	20	60	20	14	Ø18	Ø14	90	45
FL15ERBL2	650	327	102	90	387	-	-	70	80	-	50	40	DN25	-	53	63	-	20	15	-	Ø9	Ø9	50	20
FL20ERBL2	706	384	102	78	408	-	-	70	80	-	50	40	DN32	-	53	63	-	20	15	-	Ø9	Ø9	50	20
FL30ERBL2	980	552	125	85	667	-	-	110	105	-	100	45	DN50	-	80	75	-	50	15	-	Ø14	Ø12	60	25
FL40ERBL2	1134	676	130	105	816	-	-	110	120	-	100	45	DN65	-	80	90	-	50	15	-	Ø14	Ø12	60	25
FL50ERBL2	1423	807	155	110	982	248	150	150	140	65	115	50	DN80	110	110	100	20	60	20	14	Ø18	Ø14	75	35
FL60ERBL2	1846	1081	175	130	1382	315	150	150	160	65	115	60	DN100	110	110	120	20	60	20	14	Ø18	Ø14	90	45
FL80ERBL2	2081	1316	175	145	1575	315	150	150	180	65	115	60	DN125	110	110	140	20	60	20	14	Ø18	Ø14	90	45



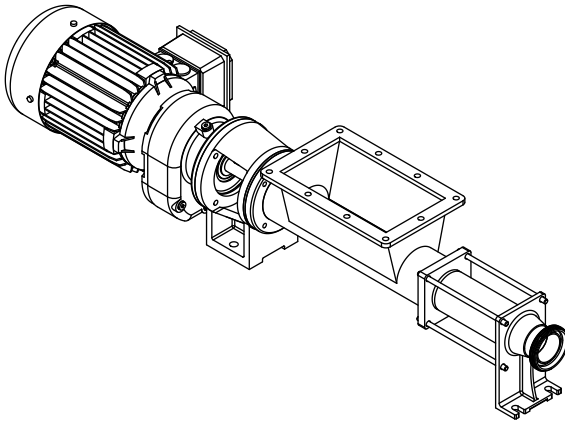
DIMENSIONS OF FL--ERBT AND FL--ERBT2 MODELS





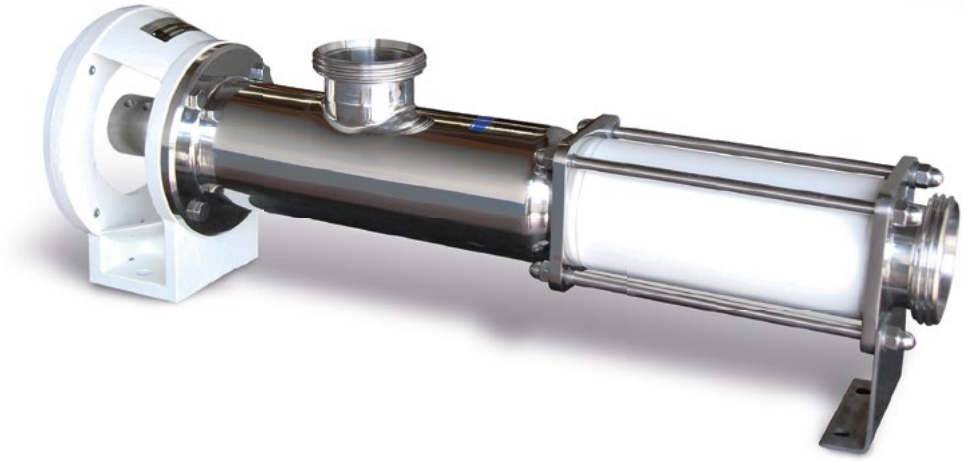


MODEL	A	B	C Min.	C Max.	E	E1	F	G	H	H1	I	J	K	L	M	N	O	P	Q	R	S	T	U	U1	U2
FL15ERBT	497	192	301	385	DN25	194	145	60	102	75	25	56	13	427	80	40	63	15	70	20	53	50	Ø9	Ø9	10
FL20ERBT	522	217	301	385	DN32	194	145	60	102	75	25	56	13	449	80	40	63	15	70	20	53	50	Ø9	Ø9	10
FL30ERBT	726	284	319	433	DN50	290	185	80	125	110	25	88	13	631	105	45	75	15	110	50	80	100	Ø14	Ø12	10
FL40ERBT	846	357	382	477	DN65	350	225	99	130	110	30	107	15	746	120	45	90	15	110	50	80	100	Ø14	Ø12	12
FL50ERBT	955	427	380	475	DN80	400	255	112	155	125	32	123	15	835	140	50	100	20	150	60	110	115	Ø18	Ø14	12
FL60ERBT	1225	530	446	581	DN100	500	320	143	175	140	35	155	18	1106	160	60	120	20	150	60	110	115	Ø18	Ø14	12
FL80ERBT	1323	627	446	581	DN100	500	320	143	175	140	35	155	18	1213	180	60	140	20	150	60	110	115	Ø18	Ø14	12
FL15ERBT2	577	252	301	385	DN25	194	145	60	102	75	25	56	13	507	80	40	63	15	70	20	53	50	Ø9	Ø9	10
FL20ERBT2	623	318	301	385	DN32	194	145	60	102	75	25	56	13	550	80	40	63	15	70	20	53	50	Ø9	Ø9	10
FL30ERBT2	877	435	319	433	DN50	290	185	80	125	110	25	88	13	782	105	45	75	15	110	50	80	100	Ø14	Ø12	10
FL40ERBT2	1046	558	382	477	DN65	350	225	99	130	110	30	107	15	947	120	45	90	15	110	50	80	100	Ø14	Ø12	12
FL50ERBT2	1197	669	380	475	DN80	400	255	112	155	125	32	123	15	1077	140	50	100	20	150	60	110	115	Ø18	Ø14	12
FL60ERBT2	1525	830	446	581	DN100	500	320	143	175	140	35	155	18	1406	160	60	120	20	150	60	110	115	Ø18	Ø14	12
FL80ERBT2	1740	1026	446	581	DN100	500	320	143	175	140	35	155	18	1611	180	60	140	20	150	60	110	115	Ø18	Ø14	12

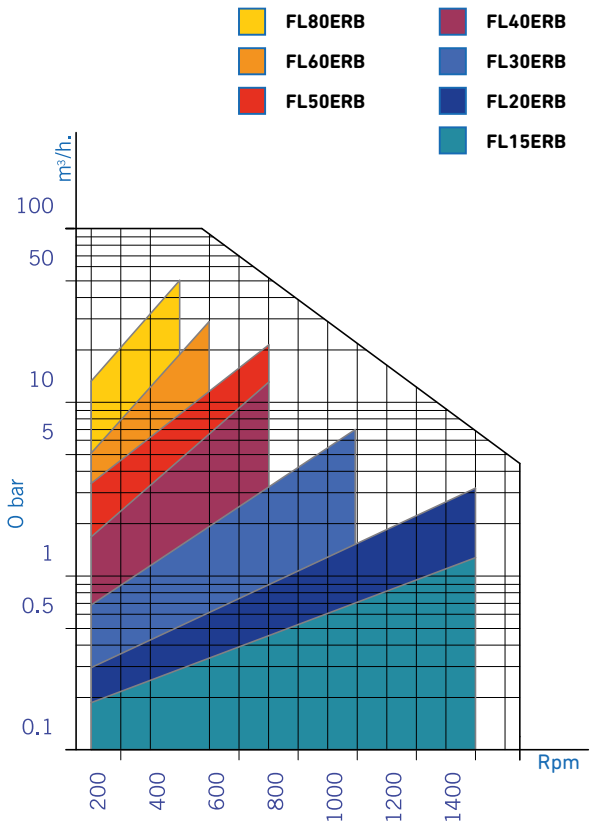


FL--ERB Stainless steel screw pump

MONOBLOC



SELECTION ZONES



APPLICATIONS

The screw pumps FL--ERBS have been designed for pumping products that require careful treatment like wine, must, oil, juice, chemical products, etc.

CHARACTERISTICS

DIN 11851 connections
Level of finish: Sanitary
Monobloc / free shaft assembly
1 - 2 - 3 - 4 stages (up to 24 bar)

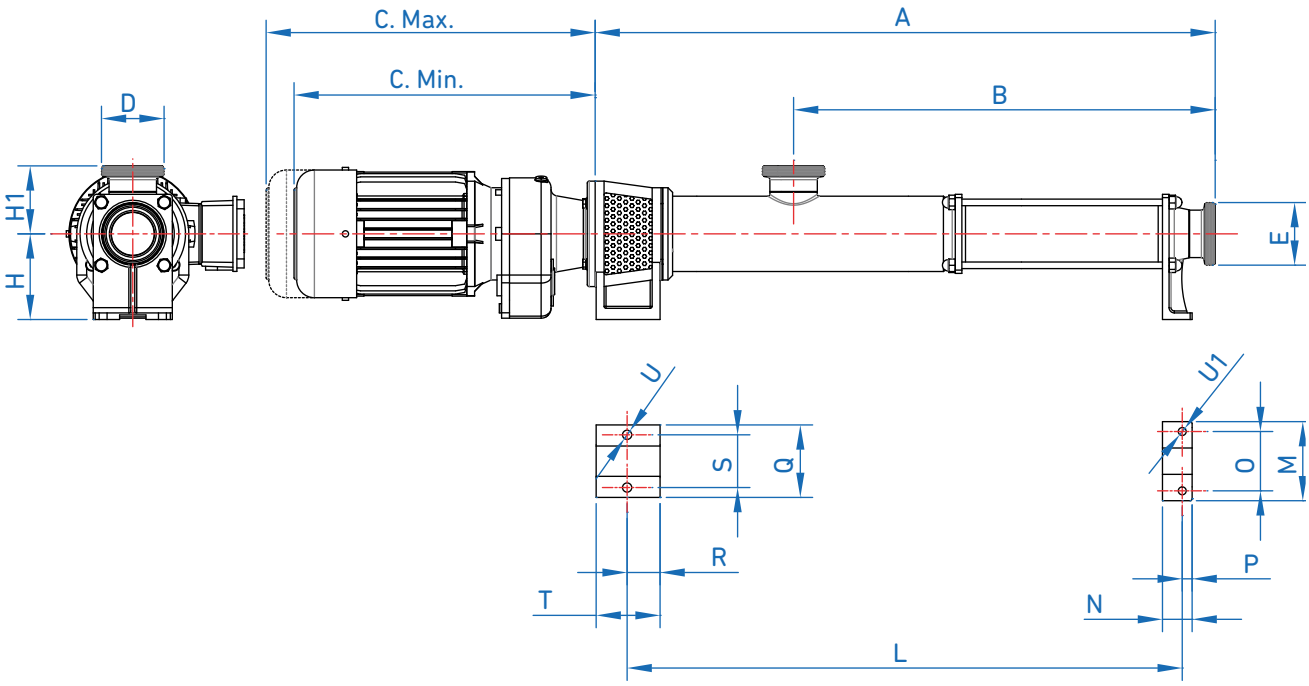
MATERIALS

Metal parts in contact with the product in SS AISI 316
White Perbunan stator and EPDM gaskets
Mechanical seal C/C/N

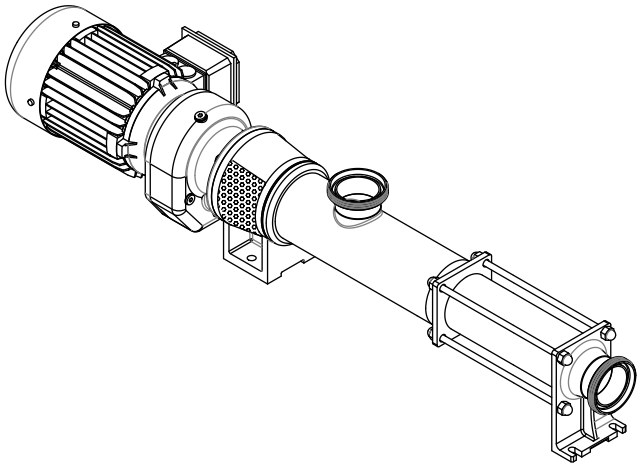
OPTIONS

Other connections: BSP, SMS, FIL, CLAMP, FLANGE, RJT, etc.
Mechanical variator
Frequency converter
Liquid presence / Thermal probes
Control panel
Mechanical seal S/S/V
Stator in other rubbers: Viton / Silicon / EPDM / Nitrile / Hypalon, etc.
Trolley, platform

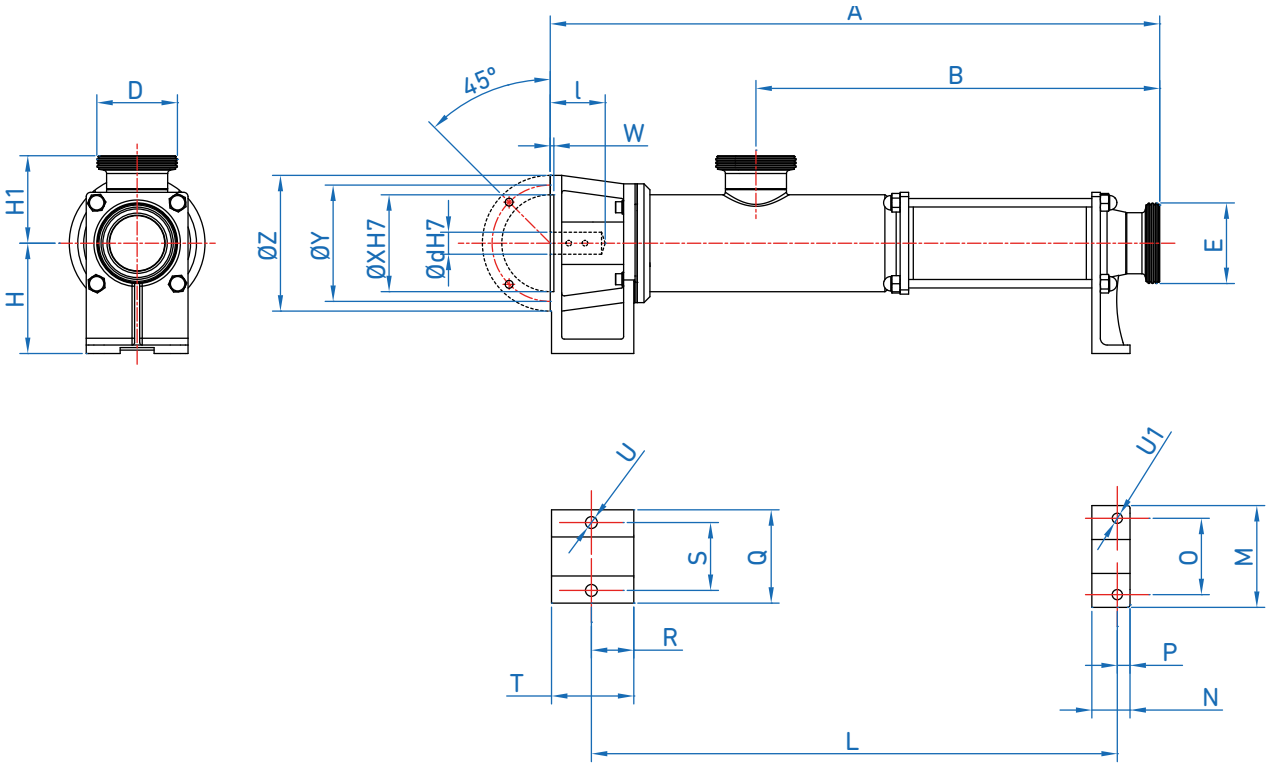
DIMENSIONS OF FL--ERB AND FL--ERB2 MODELS



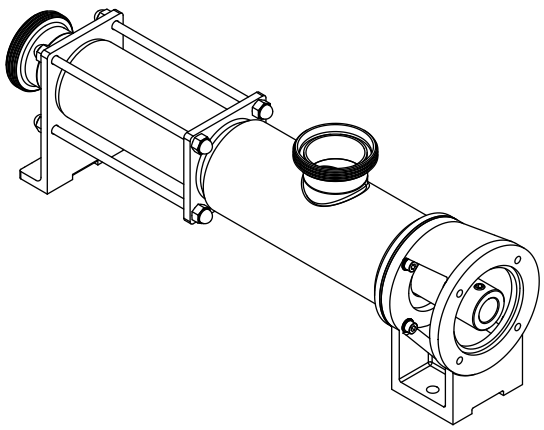
MODEL	A	B	C.Min	C.Max	D/E	H	H1	L	M	N	O	P	Q	R	S	T	U	U1
FL15ERB	377	247	301	385	DN25	102	90	307	80	40	63	15	70	20	53	50	Ø9	Ø9
FL20ERB	412	283	301	385	DN32	102	77.5	339	80	40	63	15	70	20	53	50	Ø9	Ø9
FL30ERB	611	401	319	433	DN50	125	85	516	105	45	75	15	110	50	80	100	Ø14	Ø12
FL40ERB	716	476	382	477	DN65	130	105	616	120	45	90	15	110	50	80	100	Ø14	Ø12
FL50ERB	860	565	380	475	DN80	155	110	740	140	50	100	20	150	60	110	115	Ø18	Ø14
FL60ERB	1151	781	446	581	DN100	175	130	1032	160	60	120	20	150	60	110	115	Ø18	Ø14
FL80ERB	1269	899	446	581	DN100	175	145	1158	180	60	140	20	150	60	110	115	Ø18	Ø14
FL15ERB2	457	327	301	385	DN25	102	90	387	80	40	63	15	70	20	53	50	Ø9	Ø9
FL20ERB2	513	384	301	385	DN32	102	77.5	408	80	40	63	15	70	20	53	50	Ø9	Ø9
FL30ERB2	762	552	319	433	DN50	125	85	667	105	45	75	15	110	50	80	100	Ø14	Ø12
FL40ERB2	916	676	382	477	DN65	130	105	816	120	45	90	15	110	50	80	100	Ø14	Ø12
FL50ERB2	1102	807	380	475	DN80	155	110	982	140	50	100	20	150	60	110	115	Ø18	Ø14
FL60ERB2	1451	1081	446	581	DN100	175	130	1382	160	60	120	20	150	60	110	115	Ø18	Ø14
FL80ERB2	1686	1316	446	581	DN100	175	145	1575	180	60	140	20	150	60	110	115	Ø18	Ø14



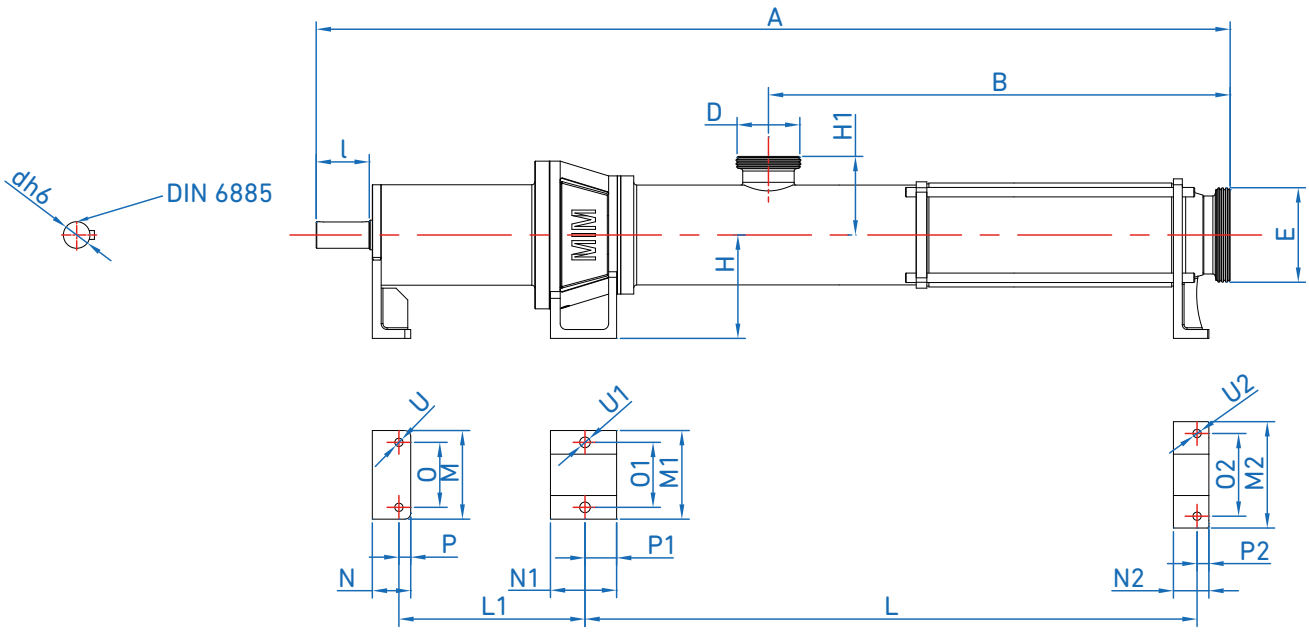
DIMENSIONS OF MONOBLOC FL--ERB AND FL--ERB2 MODELS



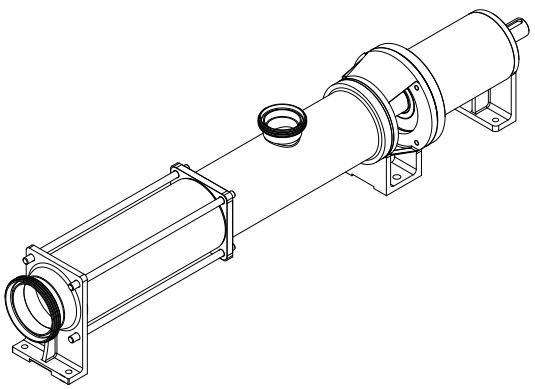
MODEL	A	B	D/E	H	H1	L	M	N	O	P	U	U1	Q	S	T
FL15Monobloc	377	247	DN25	102	90	307	80	40	63	15	Ø9	Ø9	70	53	50
FL20Monobloc	412	283	DN32	102	77,5	339	80	40	63	15	Ø9	Ø9	70	53	50
FL30Monobloc	611	401	DN50	125	85	516	105	45	75	15	Ø14	Ø12	110	80	100
FL40Monobloc	716	476	DN65	130	105	616	120	45	90	15	Ø14	Ø12	110	80	100
FL50Monobloc	860	565	DN80	155	110	740	140	50	100	20	Ø18	Ø14	150	110	115
FL60Monobloc	1151	781	DN100	175	130	1032	160	60	120	20	Ø18	Ø14	150	110	115
FL80Monobloc	1269	899	DN100	175	145	1158	180	60	140	20	Ø18	Ø14	150	110	115
FL15Monobloc2	457	327	DN25	102	90	387	80	40	63	15	Ø9	Ø9	70	53	50
FL20Monobloc2	513	384	DN32	102	77,5	408	80	40	63	15	Ø9	Ø9	70	53	50
FL30Monobloc2	762	552	DN50	125	85	667	105	45	75	15	Ø14	Ø12	110	80	100
FL40Monobloc2	916	676	DN65	130	105	816	120	45	90	15	Ø14	Ø12	110	80	100
FL50Monobloc2	1102	807	DN80	155	110	982	140	50	100	20	Ø18	Ø14	150	110	115
FL60Monobloc2	1451	1081	DN100	175	130	1382	160	60	120	20	Ø18	Ø14	150	110	115
FL80Monobloc2	1686	1316	DN100	175	145	1575	180	60	140	20	Ø18	Ø14	150	110	115



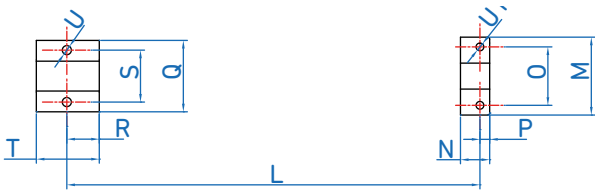
DIMENSIONS OF FL--ERBL AND FL--ERBL2 MODELS

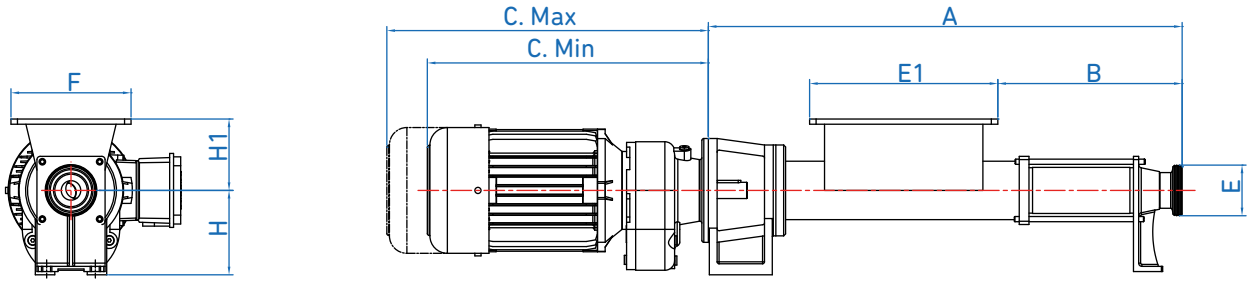


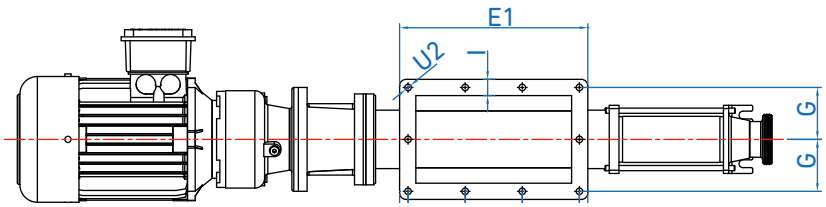
MODEL	A	B	H	H1	L	L1	M	M1	M2	N	N1	N2	D/E	O	O1	O2	P	P1	P2	U	U1	U2	l	d
FL15ERBL	570	247	102	90	307	-	-	70	80	-	50	40	DN25	-	53	63	-	20	15	-	Ø9	Ø9	50	20
FL20ERBL	605	283	102	78	339	-	-	70	80	-	50	40	DN32	-	53	63	-	20	15	-	Ø9	Ø9	50	20
FL30ERBL	829	401	125	85	516	-	-	110	105	-	100	45	DN50	-	80	75	-	50	15	-	Ø14	Ø12	60	25
FL40ERBL	934	476	130	105	616	-	-	110	120	-	100	45	DN65	-	80	90	-	50	15	-	Ø14	Ø12	60	25
FL50ERBL	1181	565	155	110	740	248	150	150	140	65	115	50	DN80	110	110	100	20	60	20	14	Ø18	Ø14	75	35
FL60ERBL	1546	781	175	130	1032	315	150	150	160	65	115	60	DN100	110	110	120	20	60	20	14	Ø18	Ø14	90	45
FL80ERBL	1664	899	175	145	1158	315	150	150	180	65	115	60	DN125	110	110	140	20	60	20	14	Ø18	Ø14	90	45
FL15ERBL2	650	327	102	90	387	-	-	70	80	-	50	40	DN25	-	53	63	-	20	15	-	Ø9	Ø9	50	20
FL20ERBL2	706	384	102	78	408	-	-	70	80	-	50	40	DN32	-	53	63	-	20	15	-	Ø9	Ø9	50	20
FL30ERBL2	980	552	125	85	667	-	-	110	105	-	100	45	DN50	-	80	75	-	50	15	-	Ø14	Ø12	60	25
FL40ERBL2	1134	676	130	105	816	-	-	110	120	-	100	45	DN65	-	80	90	-	50	15	-	Ø14	Ø12	60	25
FL50ERBL2	1423	807	155	110	982	248	150	150	140	65	115	50	DN80	110	110	100	20	60	20	14	Ø18	Ø14	75	35
FL60ERBL2	1846	1081	175	130	1382	315	150	150	160	65	115	60	DN100	110	110	120	20	60	20	14	Ø18	Ø14	90	45
FL80ERBL2	2081	1316	175	145	1575	315	150	150	180	65	115	60	DN125	110	110	140	20	60	20	14	Ø18	Ø14	90	45



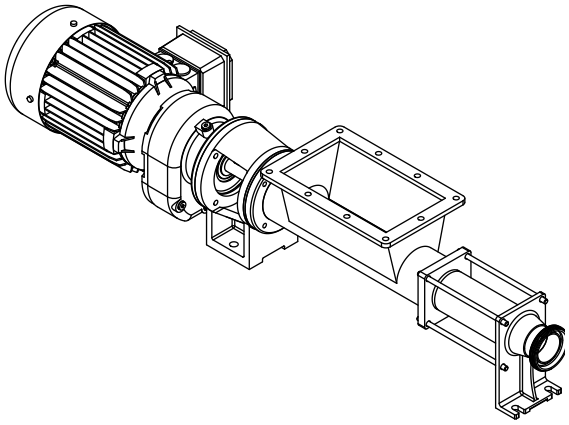
DIMENSIONS OF FL--ERBT AND FL--ERBT2 MODELS







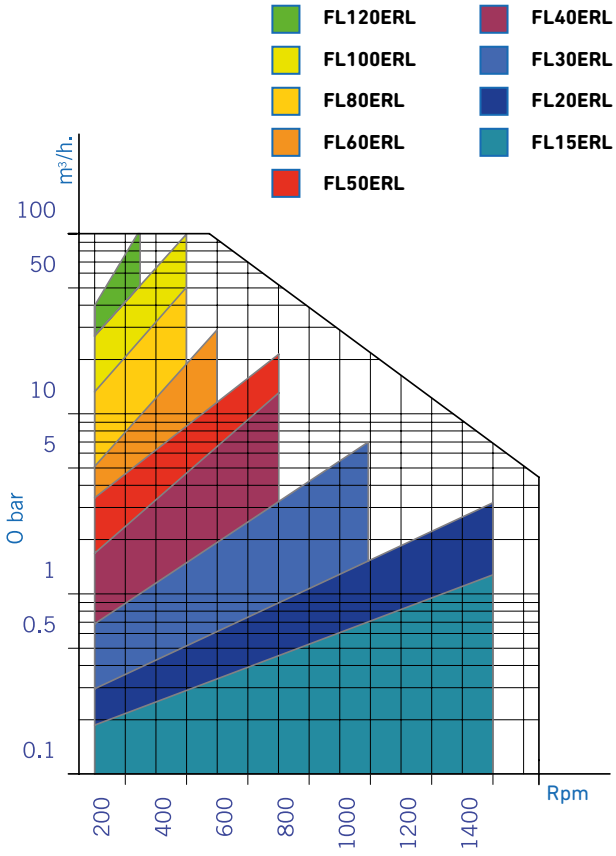
MODEL	A	B	C Min.	C Max.	E	E1	F	G	H	H1	I	J	K	L	M	N	O	P	Q	R	S	T	U	U1	U2
FL15ERBT	497	192	301	385	DN25	194	145	60	102	75	25	56	13	427	80	40	63	15	70	20	53	50	Ø9	Ø9	10
FL20ERBT	522	217	301	385	DN32	194	145	60	102	75	25	56	13	449	80	40	63	15	70	20	53	50	Ø9	Ø9	10
FL30ERBT	726	284	319	433	DN50	290	185	80	125	110	25	88	13	631	105	45	75	15	110	50	80	100	Ø14	Ø12	10
FL40ERBT	846	357	382	477	DN65	350	225	99	130	110	30	107	15	746	120	45	90	15	110	50	80	100	Ø14	Ø12	12
FL50ERBT	955	427	380	475	DN80	400	255	112	155	125	32	123	15	835	140	50	100	20	150	60	110	115	Ø18	Ø14	12
FL60ERBT	1225	530	446	581	DN100	500	320	143	175	140	35	155	18	1106	160	60	120	20	150	60	110	115	Ø18	Ø14	12
FL80ERBT	1323	627	446	581	DN100	500	320	143	175	140	35	155	18	1213	180	60	140	20	150	60	110	115	Ø18	Ø14	12
FL15ERBT2	577	252	301	385	DN25	194	145	60	102	75	25	56	13	507	80	40	63	15	70	20	53	50	Ø9	Ø9	10
FL20ERBT2	623	318	301	385	DN32	194	145	60	102	75	25	56	13	550	80	40	63	15	70	20	53	50	Ø9	Ø9	10
FL30ERBT2	877	435	319	433	DN50	290	185	80	125	110	25	88	13	782	105	45	75	15	110	50	80	100	Ø14	Ø12	10
FL40ERBT2	1046	558	382	477	DN65	350	225	99	130	110	30	107	15	947	120	45	90	15	110	50	80	100	Ø14	Ø12	12
FL50ERBT2	1197	669	380	475	DN80	400	255	112	155	125	32	123	15	1077	140	50	100	20	150	60	110	115	Ø18	Ø14	12
FL60ERBT2	1525	830	446	581	DN100	500	320	143	175	140	35	155	18	1406	160	60	120	20	150	60	110	115	Ø18	Ø14	12
FL80ERBT2	1740	1026	446	581	DN100	500	320	143	175	140	35	155	18	1611	180	60	140	20	150	60	110	115	Ø18	Ø14	12



FL--ERL

Stainless steel sanitary screw pump

SELECTION ZONES



APPLICATIONS

The screw pumps FL--ERL have been designed for pumping products that require careful treatment like food products, chemical products and cosmetics, etc. These pumps are widely used due to their high pumping capacity and performance.

CHARACTERISTICS

DIN 11851 connections
Level of finish: Sanitary
Monobloc / free shaft assembly
1 - 2 - 3 - 4 phases (up to 24 bar)

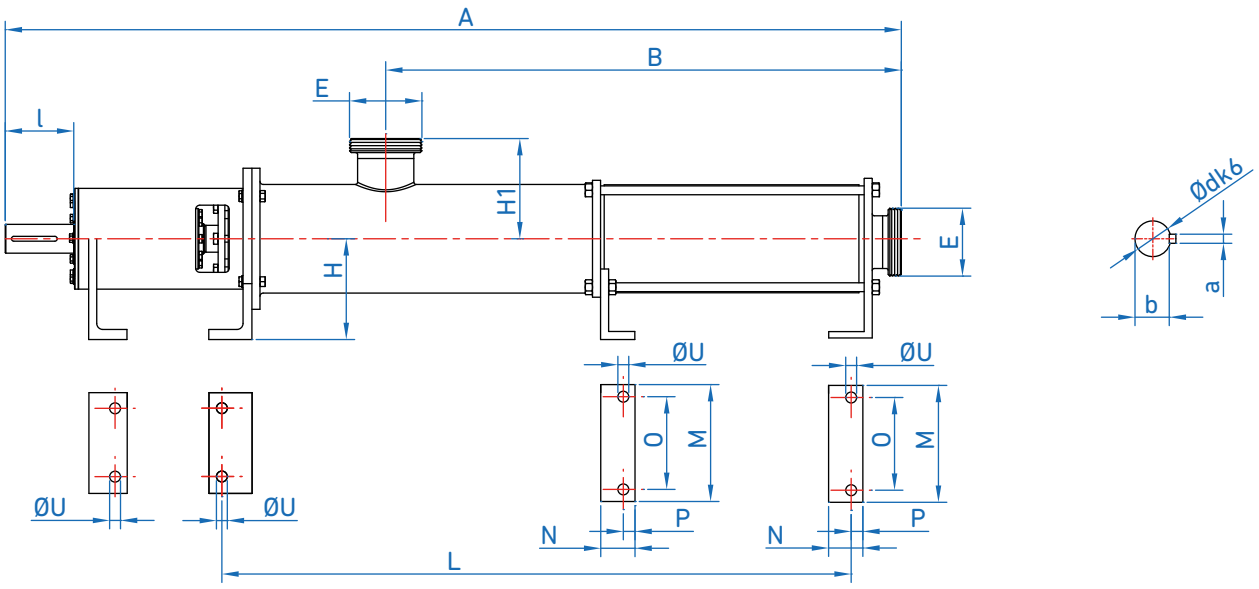
MATERIALS

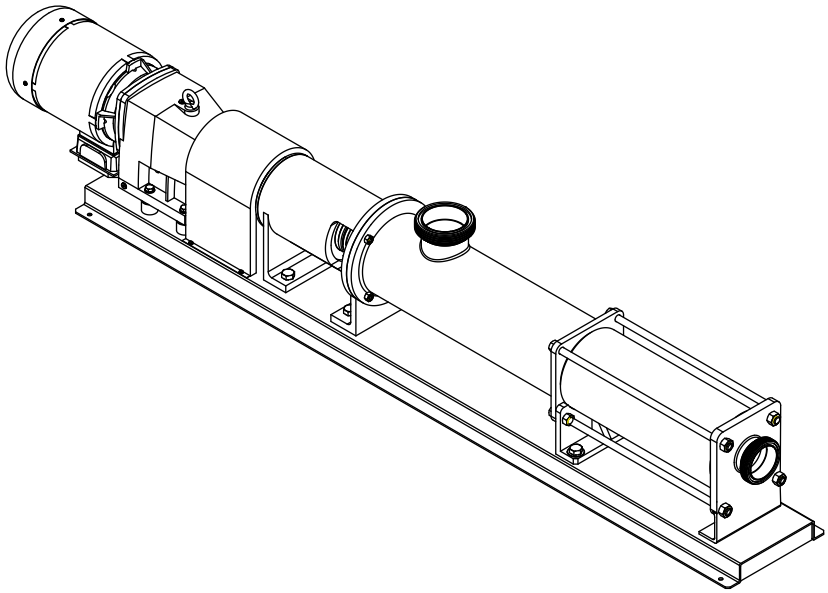
Metal parts in contact with the product in SS AISI 316
White Perbunan stator and EPDM/Viton gaskets
Mechanical seal C/C/N

OPTIONS

Other connections: BSP, SMS, FIL, CLAMP, FLANGE, RJT, etc.
Mechanical variator
Frequency converter
Liquid presence / Thermal probes
Control panel
Mechanical seal S/S/V
Stator in other rubbers: Silicon / EPDM / Nitrile / Viton / Hypalon, etc.
Trolley, platform

DIMENSIONS OF FL--ERL AND FL--ERL2 MODELS



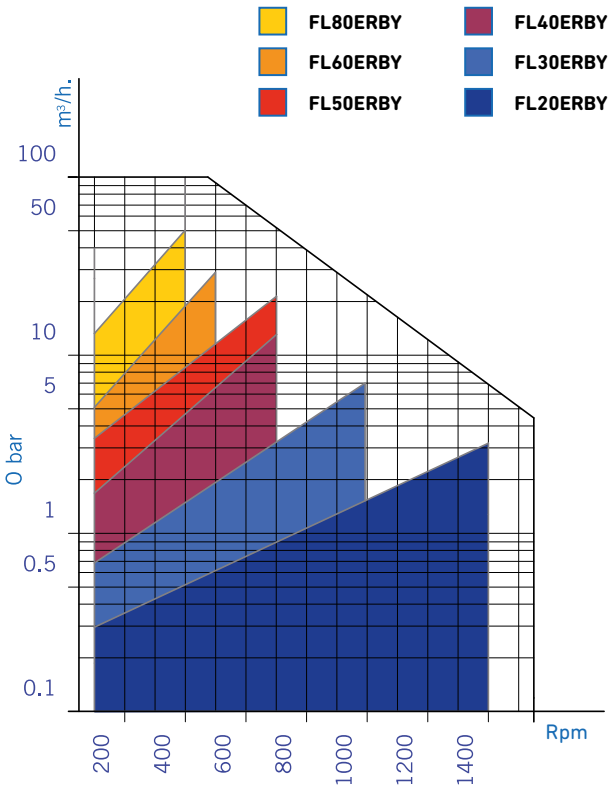


MODEL	A	B	D/E	H	H1	L	M	N	O	P	U	I	a	b	d
FL30ERL	835	408	DN 50	125	85	525	85	40	60	15	Ø12	80	8	32.9	30
FL40ERL	930	476	DN 65	130	105	620	85	40	60	15	Ø12	125	8	32.9	30
FL50ERL	1085	560.5	DN 80	155	110	755	140	45	90	12.5	Ø14	110	10	38.3	35
FL60ERL	1535	742	DN 100	175	130	1052	160	48	120	17	Ø14	140	12	43.5	40
FL80ERL	1685	894.5	DN 100	175	145	1190	160	48	120	17	Ø14	140	12	43.5	40
FL100ERL	1980	1184	DN 150	250	225	1755	200	65	160	30	Ø22	170	20	74.6	70
FL120ERL	2131	1335	DN 150	250	250	1900	250	75	200	35	Ø22	170	20	74.6	70
FL30ERL2	982	558	DN 50	125	85	670	85	40	60	15	Ø12	80	8	32.9	30
FL40ERL2	1102	677	DN 65	130	105	823	85	40	60	15	Ø12	125	8	32.9	30
FL50ERL2	1340	800.5	DN 80	155	110	995	140	45	90	12.5	Ø14	110	10	38.3	35
FL60ERL2	1955	1044	DN 100	175	130	1348	160	48	120	17	Ø14	140	12	43.5	40
FL80ERL2	2195	1295	DN 100	175	145	1596	160	48	120	17	Ø14	140	12	43.5	40
FL100ERL2	2195	1295	DN 150	250	225	1922	200	65	160	30	Ø22	170	20	74.6	70

FL--ERBY

Screw pump with by-pass

SELECTION ZONES



APPLICATIONS

The FL--ERBY pumps are mainly used in the wine sector for filling up barrels, transfers, bottling and filtration. They offer a strong pumping performance and careful treatment in the transferring and handling of the solids in suspension.

CHARACTERISTICS

Manual version (Mechanical variator)
Automatic version (Frequency converter)
Wheelbarrow made in SS with swivelling wheels and brakes
By-pass with over-pressure valve
Connections DIN 11851
With the different types of panel: 10 m of wire and 16A connector
Level of finish: Foodstuff

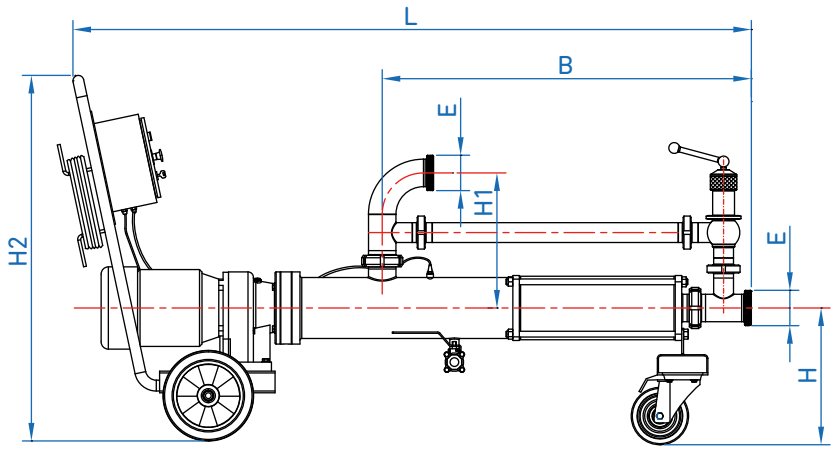
MATERIALS

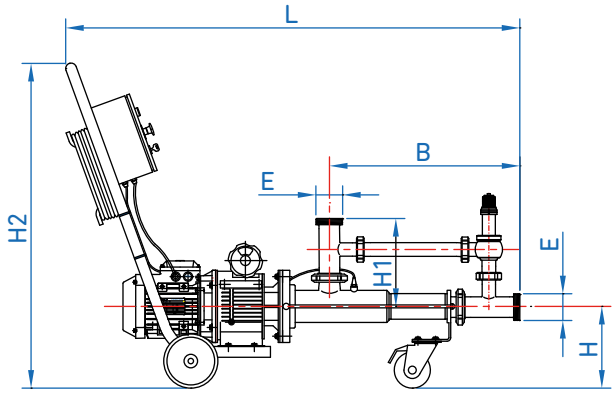
Zones in contact with the product SS AISI 316
Nitrile stator and gasket
Mechanical seal C/C/N

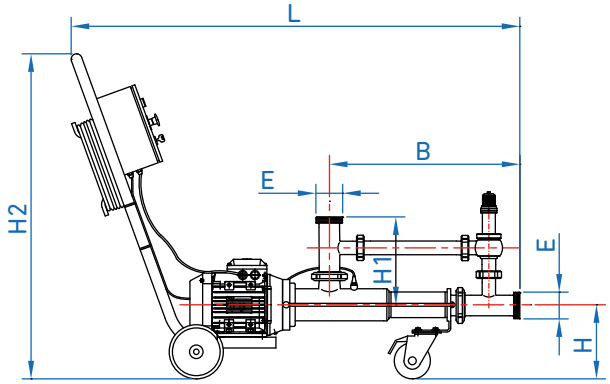
OPTIONS

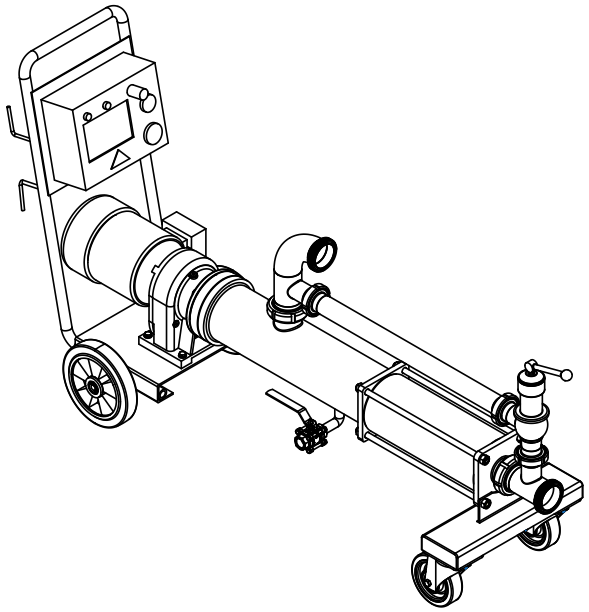
Panel CE
Switch - inverter
Liquid presence probes
Other connections: SMS, Macon, Garolla, etc.
Mechanical seal S/S/V
Remote control
Drainage valve

DIMENSIONS OF FL--ERBY MODEL







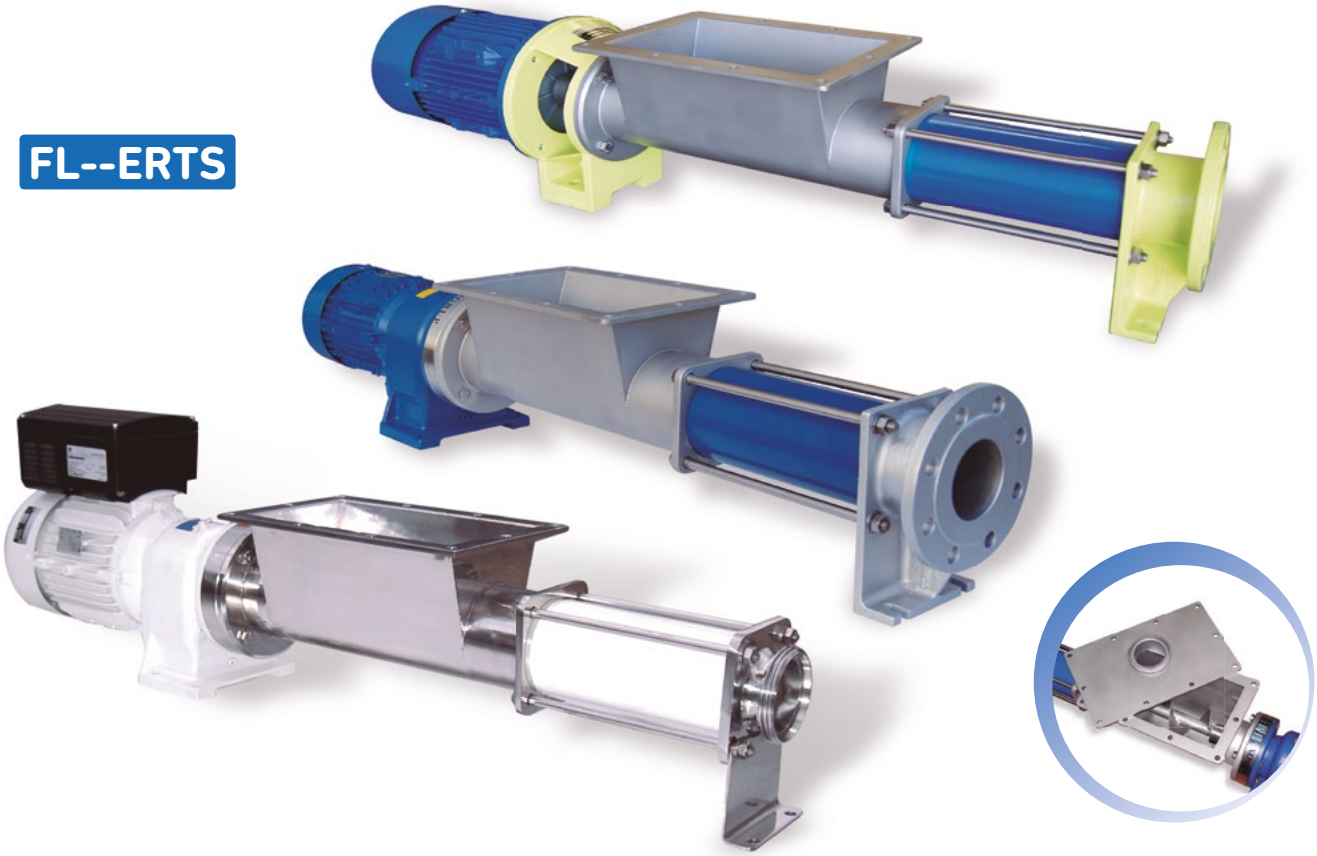


MODEL	Flow (m^3/h)	Pressure (bar)	Power (kW)	Speed (Rpm)	E	B (mm)	H (mm)	H1 (mm)	H2 (mm)	L (mm)
DRIVING SYSTEM BY MECHANICAL ADJUSTABLE SPEED DRIVE, MANUAL REGULATION										
FL20ERBY	0.4 - 1.8	6 max.	0.75	200 - 1000	DN 32	415	186	230	850	1050
FL30ERBY	1.1 - 6.2	6 max.	2.2	200 - 1000	DN 50	535	200	247		1288
FL40ERBY	3.0 - 15	6 max.	4	200 - 1000	DN 65	600	212	263		1360
FL50ERBY	6.0 - 17	6 max.	4	200 - 600	DN 80	698	212	273		1500
DRIVING SYSTEM BY ELECTRIC ADJUSTABLE SPEED DRIVE, DIGITAL REGULATION										
FL20ERBY	0.8 - 2.7	6 max.	0.75	450 - 1500	DN 32	415	170	230	850	1050
FL30ERBY	3 - 9.2	6 max.	2.2	450 - 1500	DN 50	535	181	247		1288
FL40ERBY	7 - 15	6 max.	4	450 - 1000	DN 65	600	192	263		1360
FL50ERBY	6 - 17	6 max.	4	200 - 600	DN 80	698	202	273		1500
FL60ERBY	10 - 30	6 max.	5.5	200 - 450	DN 100	895	368	235		1780
FL80ERBY	12 - 45	6 max.	7.5	120 - 450	DN 100	1025	368	375		1920

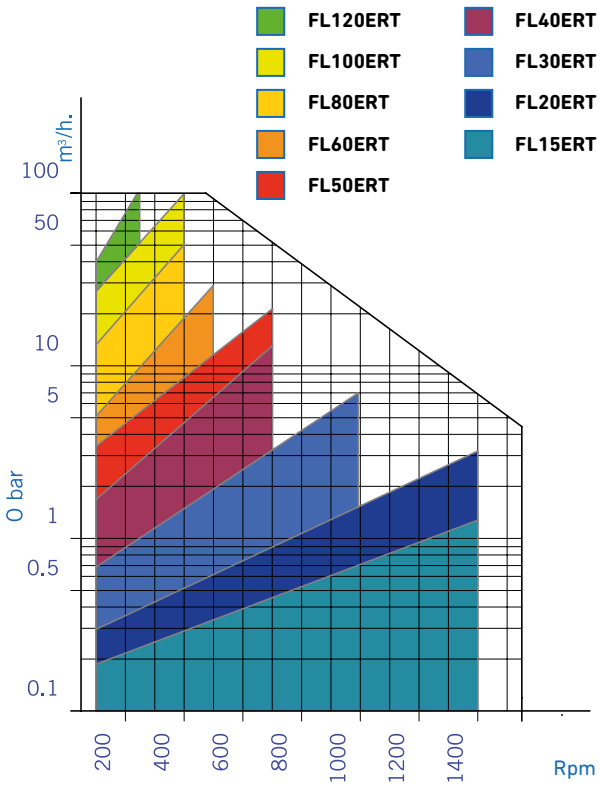
FL--ERT

Screw pump with hopper

FL--ERTS



SELECTION ZONES



APPLICATIONS

The FL--ERT helicoid pumps have been specifically designed for the fluid pumping of products that require special careful treatment in their use like pastes, creams, grape juice, molasses, mud, sludge, chemical products, etc.

CHARACTERISTICS

Hopper, flange / DIN 11851 connections
Level of finish: Sanitary / Foodstuff / Industrial
Monobloc / free shaft assembly
1 - 2 - 3 - 4 stages (up to 24 bar)
Body with hopper and endless screw

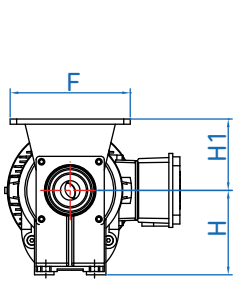
MATERIALS

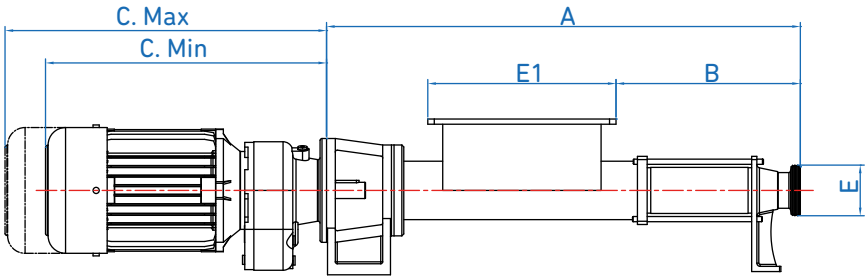
Parts in contact with the product SS AISI 316
Nitrile stator and gaskets
Mechanical seal C/C/N

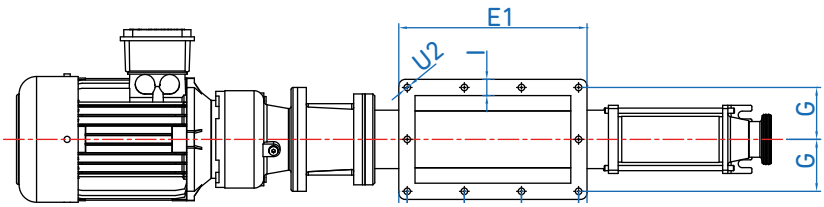
OPTIONS

Other connections: BSP, SMS, FIL, CLAMP, FLANGE, etc.
Reception cover
Mechanical variator
Frequency converter
Liquid presence / Thermal probes
Control panel
Mechanical seal S/S/V
Stator in other rubbers: Viton / Silicone / EPDM / Perbunan / Hypalon, etc.
Trolley, Platform
Bare shaft with bearing support
Bare shaft with flange lantern
Feeder with endless screw

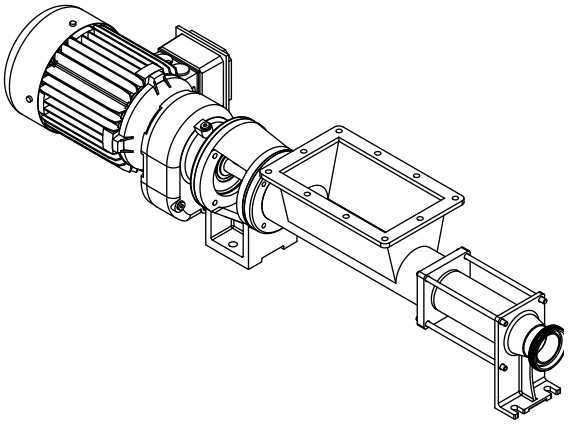
DIMENSIONS OF FL--ERBT AND FL--ERBT2 MODELS







MODEL	A	B	C Min.	C Max.	E	E1	F	G	H	H1	I	J	K	L	M	N	O	P	Q	R	S	T	U	U1	U2
FL15ERBT	497	192	301	385	DN25	194	145	60	102	75	25	56	13	427	80	40	63	15	70	20	53	50	Ø9	Ø9	10
FL20ERBT	522	217	301	385	DN32	194	145	60	102	75	25	56	13	449	80	40	63	15	70	20	53	50	Ø9	Ø9	10
FL30ERBT	726	284	319	433	DN50	290	185	80	125	110	25	88	13	631	105	45	75	15	110	50	80	100	Ø14	Ø12	10
FL40ERBT	846	357	382	477	DN65	350	225	99	130	110	30	107	15	746	120	45	90	15	110	50	80	100	Ø14	Ø12	12
FL50ERBT	955	427	380	475	DN80	400	255	112	155	125	32	123	15	835	140	50	100	20	150	60	110	115	Ø18	Ø14	12
FL60ERBT	1225	530	446	581	DN100	500	320	143	175	140	35	155	18	1106	160	60	120	20	150	60	110	115	Ø18	Ø14	12
FL80ERBT	1323	627	446	581	DN100	500	320	143	175	140	35	155	18	1213	180	60	140	20	150	60	110	115	Ø18	Ø14	12
FL15ERBT2	577	252	301	385	DN25	194	145	60	102	75	25	56	13	507	80	40	63	15	70	20	53	50	Ø9	Ø9	10
FL20ERBT2	623	318	301	385	DN32	194	145	60	102	75	25	56	13	550	80	40	63	15	70	20	53	50	Ø9	Ø9	10
FL30ERBT2	877	435	319	433	DN50	290	185	80	125	110	25	88	13	782	105	45	75	15	110	50	80	100	Ø14	Ø12	10
FL40ERBT2	1046	558	382	477	DN65	350	225	99	130	110	30	107	15	947	120	45	90	15	110	50	80	100	Ø14	Ø12	12
FL50ERBT2	1197	669	380	475	DN80	400	255	112	155	125	32	123	15	1077	140	50	100	20	150	60	110	115	Ø18	Ø14	12
FL60ERBT2	1525	830	446	581	DN100	500	320	143	175	140	35	155	18	1406	160	60	120	20	150	60	110	115	Ø18	Ø14	12
FL80ERBT2	1740	1026	446	581	DN100	500	320	143	175	140	35	155	18	1611	180	60	140	20	150	60	110	115	Ø18	Ø14	12



FL--ERTA

Helicoidal pump with hopper and feeder

CHARACTERISTICS

Product receiving hopper
Feeder and worm system
Level of finish: Industrial / Foodstuff / Sanitary
1 - 2 - 3 - 4 stages (up to 24 bars)
Easy to clean

MATERIALS

Parts in contact with the product in stainless steel AISI 316
Nitrile stator and gaskets
Mechanical seal C/C/N – S/S/V

OPTIONS

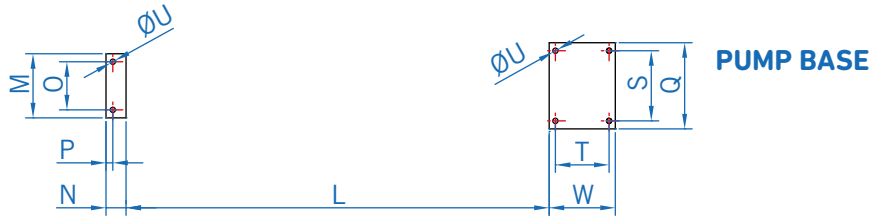
Control panel
Remote control
Frequency variator
Nitrile and stator in other materials: EPDM / Viton / white Perbunan, etc.
Dual feeder
FURON dual lip sealing
Double mechanical seal
Suction grille or cover
Other connections: DIN 11861, DIN 2576, SMS, MÂCON, CLAMP, RJT, etc.
Other materials in the feeder
Drain valve
Level and temperature sensors
Min/max ultrasound sensor for operation protection when empty
Platform, trolley
External protection against environmental oxidation with EPOXY paint

FL--ERTA pumps with hopper and feeder complement the range of positive displacement pumps and can cover a larger range of applications. By including a worm and feeder system which prevents the formation of channels and promotes the solid-liquid mix, INOXMIM has designed this equipment to optimise the transfer of fluids which tend to become solidified and produce arching.

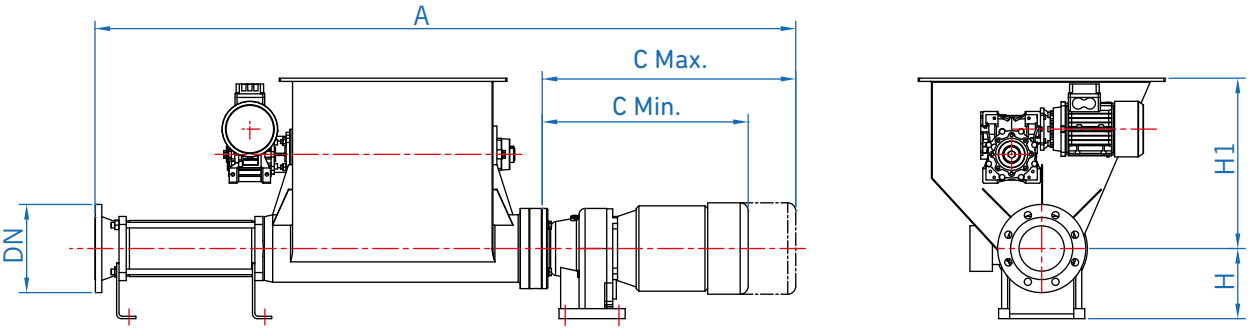
When the fluid falls into the receiving hopper, one part is impelled towards the rotor by the worm which, by turning, displaces the product through the stator cavities, pumping it directly towards its destination. The rest of the product is deposited on the walls, which are slanted to facilitate decanting by gravity of products with moderate densities and viscosities. By turning, the feeder moves the product deposited on the walls towards the worm, where it will be impelled.

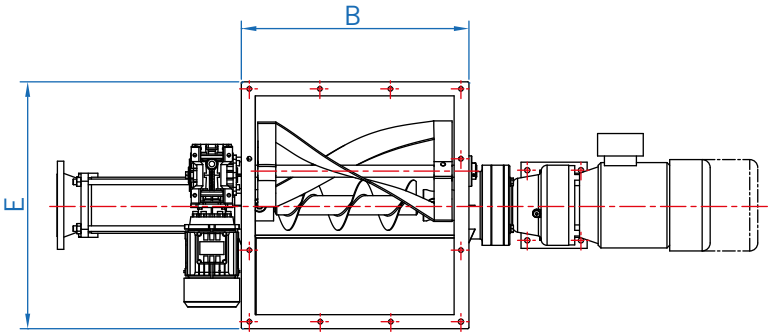
All these characteristics mean FL--ERTA pumps are widely used in the food and chemical industries. They are particularly suitable for dehydrated products, slurries, fillers, meat products, pomace, food pastes (ketchup, mustard, pate, etc.) etc.

DIMENSIONS AND CHARACTERISTICS OF FL--ERTA MODEL



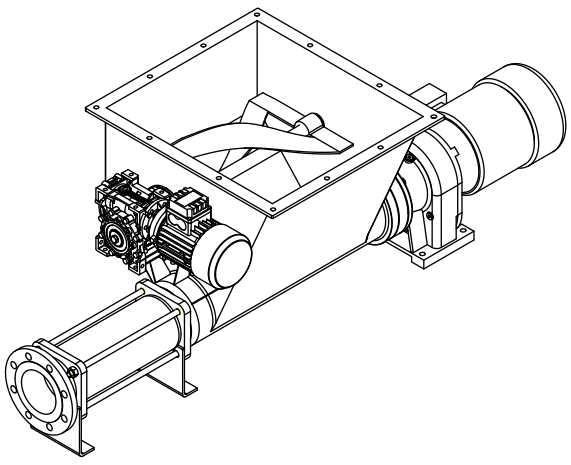
PUMP BASE





MODEL	A	B	C Min.	C Max.	DN	H	H1	E	L	M	N	O	P	ØU	Q	S	T	W	P	ØQ	R	S
FL20ERTA	-	-	301	385	32	102	-	-	-	60	25	-	15	9	135	105	85	110	134	13	175	215
FL30ERTA	-	-	319	433	50	125	-	-	-	50	38	-	21.5	9	185	160	80	110	134	13	175	215
FL40ERTA	-	-	382	477	65	130	-	-	-	80	38	-	21.5	11	190	155	140	175	134	13	175	215
FL50ERTA	-	-	380	475	80	155	-	-	-	140	45	90	32.5	13	210	185	90	125	134	13	175	215
FL60ERTA	-	-	446	581	100	175	-	-	-	160	48	120	48	13	215	175	134	165	134	13	175	215
FL80ERTA	-	-	446	581	100	175	-	-	-	160	48	120	48	13	215	175	134	165	134	13	175	215

*Adjustable dimensions according to application requirements



FL--ERTV

The FL--ERTV helicoidal rotor pumps with hopper, and a have a neatly done presentation, are ideal for the applications of the wine sector because of their high advanced specifications.

The pump parts in contact with the product have been made of stainless steel AISI 304 according to UNE-F3504 and the stator in foodstuff rubber (nitrile).

The FL--ERTV pumps are equipped with manoeuvre panel and optionally with thermal probes, level probes or feeder.

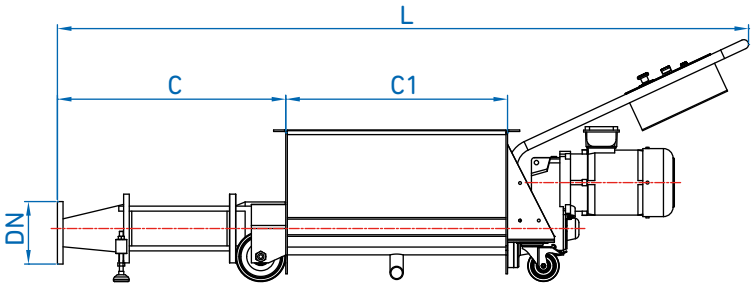
The FL--ERTV pumps are characterized by their functionality and robustness, which simplify the transferring and handling of the wine.

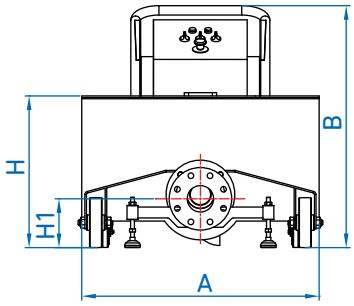
MODEL	POWER	EQUIPMENT
FL60ERTV (12.000kg/h)	4 kW	THERMAL PROBE
		FEEDER 0.75 kW
		LEVEL PROBE MAX
		LEVEL PROBE MIN-MAX
FL80ERTV (23.000kg/h)	5.5 kW	THERMAL PROBE
		FEEDER 0.75 kW
		LEVEL PROBE MAX
		LEVEL PROBE MIN-MAX
FL100ERTV (35.000kg/h)	7.5 kW	THERMAL PROBE
		FEEDER 0.75 kW
		LEVEL PROBE MAX
		LEVEL PROBE MIN-MAX
FL120ERTV (52.000kg/h)	15 kW	THERMAL PROBE
		FEEDER 0.75 kW
		LEVEL PROBE MAX
		LEVEL PROBE MIN-MAX

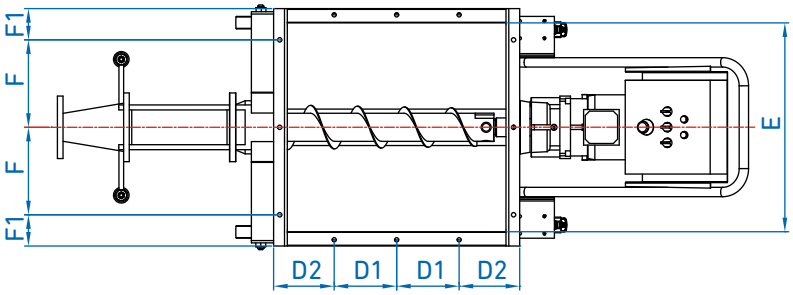
DIMENSIONS OF FL--ERTV MODEL

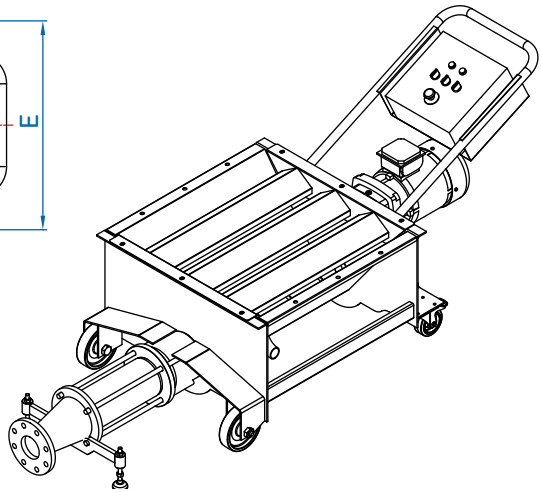
- Flow rate up to 70 m^3/h
- Maximum pressure: 6 bar
- Maximum temperature: 75ºC
- Nominal flow rate of different models for destalked grapes and a pressure from 2 to 4 bar

MODEL	FLOW RATE (m^3/h)	SPEED (Rpm)	WEIGHT (kg)	POWER (kW)
FL40ERTV	2/5	265	115	3
FL50ERTV	5/8	265	125	3
FL60ERTV	10/15	220	250	4
FL80ERTV	15/25	175	300	5.5
FL100ERTV	30/40	175	400	7.5
FL120ERTV	50/60	150	500	15





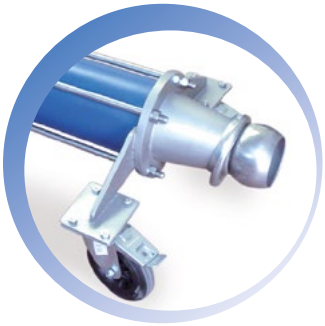




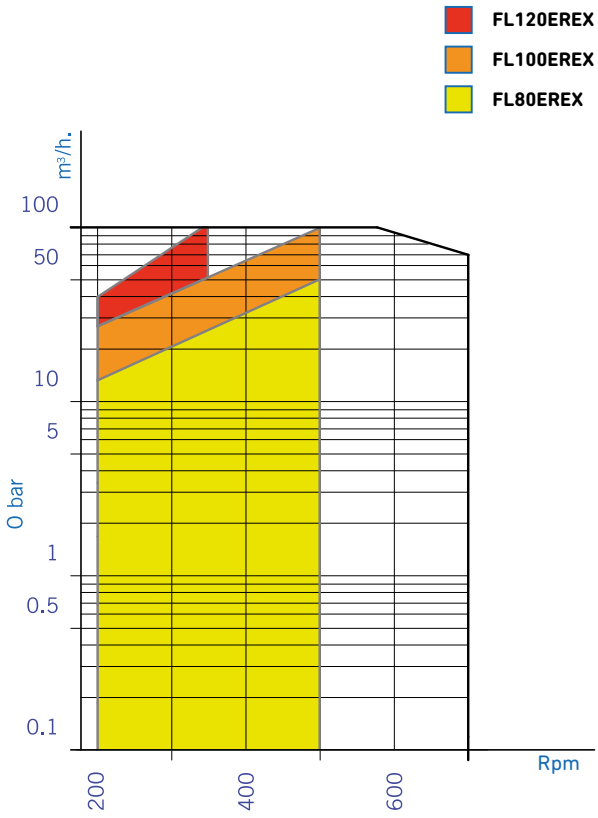
MODEL	DN	L	A	B	C	C1	D	D1	D2	E	F	F1	H	H1
FL40ERTV	65	1838.5	760	950	460	605	686.5	200	145	670	280	100	485.5	155.5
FL50ERTV	65	1887.5	760	950	510	605	686.5	200	145	670	280	100	485.5	155.5
FL60ERTV	80	2212.5	760	950	730	710	790	200	195	670	280	100	485.5	170
FL80ERTV	100	2323.5	760	950	842	710	790	200	195	670	280	100	485.5	170
FL100ERTV	125	2175	760	950	950	810	890	200	245	670	280	100	485.5	200
FL120ERTV	150	2701.5	760	950	1120	810	890	200	245	670	280	100	485.5	200

FL--EREX

Enological helicoidal pump with feeder



SELECTION ZONES



APPLICATIONS

The FL--EREX screw pumps with their compact and robust design are a part of our range of screw pumps that are specially designed for the wine industry.
The main characteristic of FL--EREX pumps is that they have an endless screw attached to the connecting rod allowing them to easily transport the grape paste.

CHARACTERISTICS

DIN 2576 connections
Level of finish: Industrial
Monobloc / free shaft assembly
1 - 2 stages (up to 12 bar)

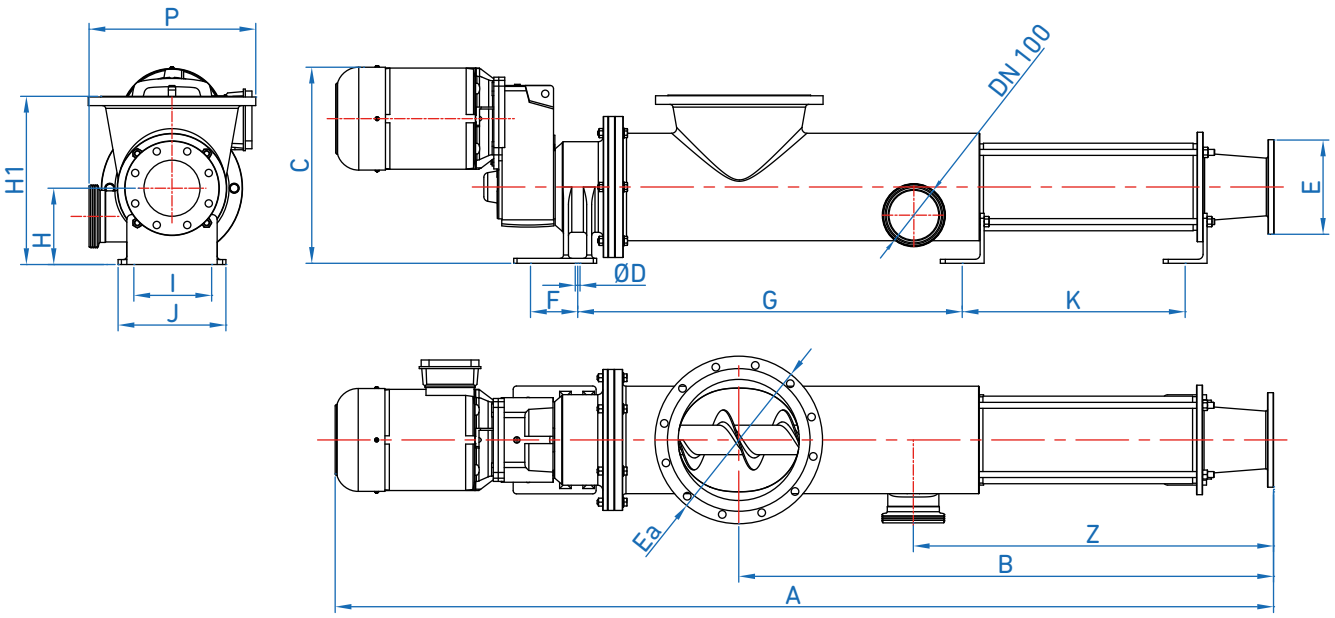
MATERIALS

Stainless steel AISI 316
Metal parts in contact with the product in SS AISI 316
Nitrile stator and gaskets
Mechanical seal C/C/N

OPTIONS

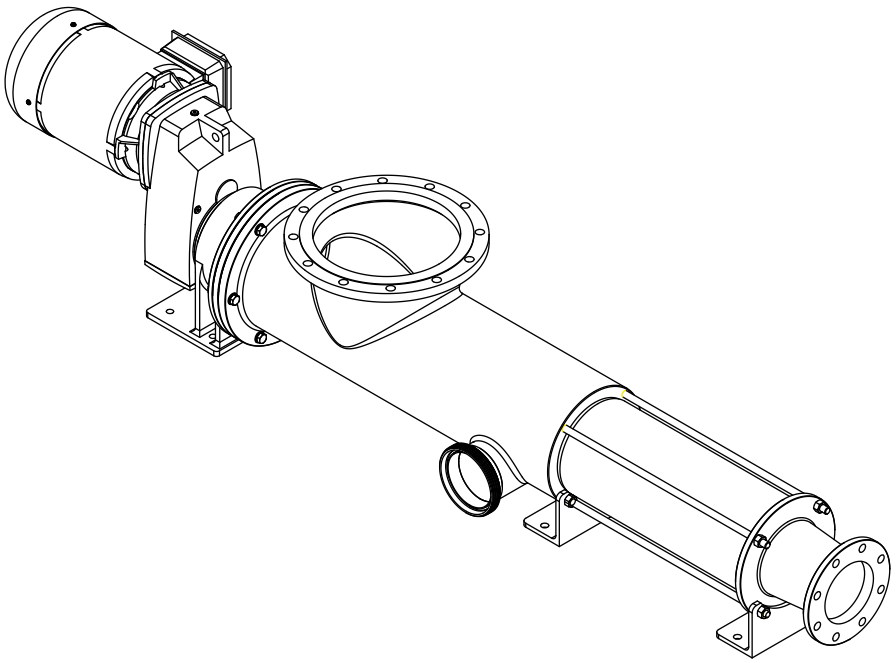
Other connections: BSP, DIN 11851, MACON, GAROLLA, Spherical, etc.
Mechanical variator
Frequency converter
Liquid presence / Thermal probes
Control panel
Mechanical seal S/S/V
Stator in other rubbers: Silicone / EPDM / Viton / Perbunan / Hypalon, etc.
Trolley, platform

DIMENSIONS OF FL--EREX MODEL



MODEL	A	B	C	D	E	Ea	F	G	H	H1	I	L	K	P	Z
FL80EREX	2350	1265	500	14	DN 125	DN 250	165	-	190	440	200	220	-	460	874
FL100EREX	2550	1465	500	14	DN 150	DN 250	165	940	190	440	200	220	450	460	925
FL120EREX	2830	1610	590	18	DN 150	DN 350	175	1150	230	500	250	325	675	503	1086

MODEL	Flow (t/h)	Pressure (bar)	Speed (Rpm)	Power (kW)	Weight (kg)
FL80EREX	25 - 30	6 max.	175	5.5 - 7.5	275
FL100EREX	30 - 40	6 max.	175	7.5 - 9.2	300
FL120EREX	40 - 45	6 max.	150 - 175	11 - 15	425



FL--ERBE

Foodstuff/Sanitary vertical screw pumps

APPLICATIONS

The vertical screw pumps or cane pumps FL--ERBE have been designed specifically for transferring fluids that require a special care while are handled. This equipment is used with foodstuff products due to its high pumping capacity and performance.

CHARACTERISTICS

Connection ports: Suction inlet/DIN 11851 male
Foodstuff version
Monobloc assembly with support handle
1 – 2 stages (up to 12 bar)

MATERIALS

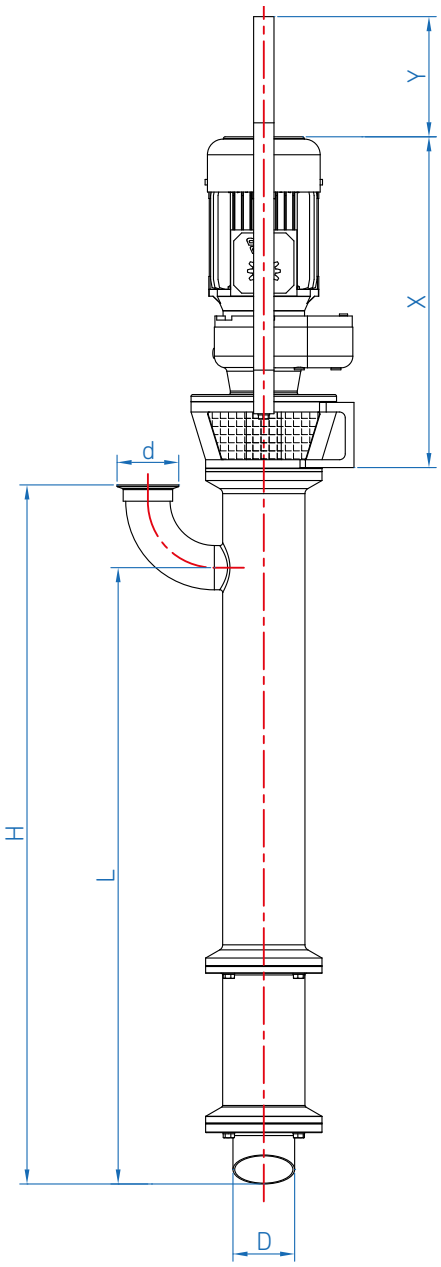
Parts in contact with the product Stainless Steel AISI 316
White Perbunan canned stator
EPDM gaskets
Mechanical seal S/S/EPDM

OPTIONS

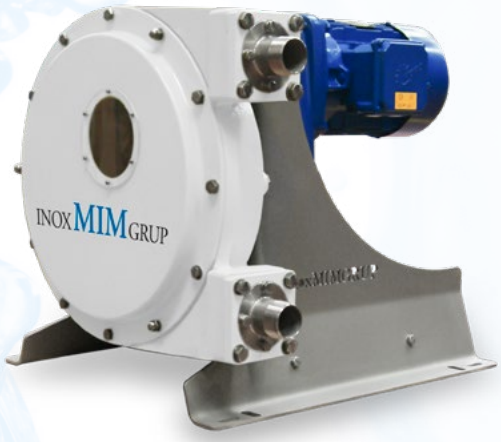
Other connections: BSP threads, SMS, FIL, CLAMP, FLANGES, RTJ, etc.
Pulley/disc mechanical variator
Frequency converter
Thermal/Level probes
Control panel
Mechanical seal C/C/N
Other stator materials: Nitrile / Silicone / EPDM / Viton / Hypalon, etc.
Elevation support manual/automatic

DIMENSIONS OF FL--ERBE MODEL

*Adjustable dimensions and connections according to model and requirements.



Peristaltic pumps



FL--PH

Die Cast Peristaltic Pump

FL--PT

Peristaltic pump

FL--P

Peristaltic pump

FL--PH

Die cast peristaltic pump

INOXMIM has designed the FL--PH die cast peristaltic pump with the goal of extending the range of application for these pumping systems. With its cast iron or stainless steel range, the FL--PH is capable of meeting the requirements of sectors such as water treatment, chemical and paper manufacturing, mining, food processing, pharmaceuticals and cosmetics.

It can handle products including sludge, cellulose pulp, slurries, sediments, carbonates, coarse coal refuse, mortar, concrete, fibre cement, dyes, colorants, glue, resins, detergents, fertilizers, hydrocarbons, paint, ink, enamel, pigment, fat, waste oil, milk, yogurt, juice, fruit pulp, jam, wine, mayonnaise, cream, gel, concentrates, latex, mercury, etc... This pump can work with such a wide variety of products, regardless of whether they are low, medium or high viscosity, because the only contact between the product and the pump is through the tubing, avoiding contact between mechanical parts and the fluid.

These pumping systems have been specifically designed to increase pumping capacity (flow and pressure), in addition to extending the life of the tubing material. This allows the FL--PH to offer high performance combined with great durability.

PRINCIPLE OF OPERATION

The principle of operation of this pump is based on the pressure exerted by the rollers on the tube. When they turn, the rollers progressively squeeze the rubber tube, pushing the product towards the outlet. This compression/decompression effect is sufficient to pump the product without exerting any mechanical force directly on it. The tube is made of a composite elastomer material that is chosen to suit the properties of the fluid being pumped. The composition of the different layers of the material has been designed to provide strength and durability, maintaining its elastic properties and compatibility with the product being pumped.

One of the main features of this pump is that it can be run in reverse and is self-priming in both directions. This prevents loss of product and makes it possible to work with various fluids while avoiding mixing with one other. Its design also allows it to run dry, without product, and because it has no seals, it can operate in a completely watertight manner.

These characteristics allow these volumetric pumps to provide high capacity and excellent performance.

CHARACTERISTICS

Connections: DIN 2576
Abrasion resistant natural rubber tubing with FDA certificate
Operating temperatures: from -20 to 80 °C (temperatures up to 150 °C with other materials)
Maximum allowable pressure for the elastomer: 15 bar
Roller adjustment
Easy assembly/disassembly to facilitate maintenance

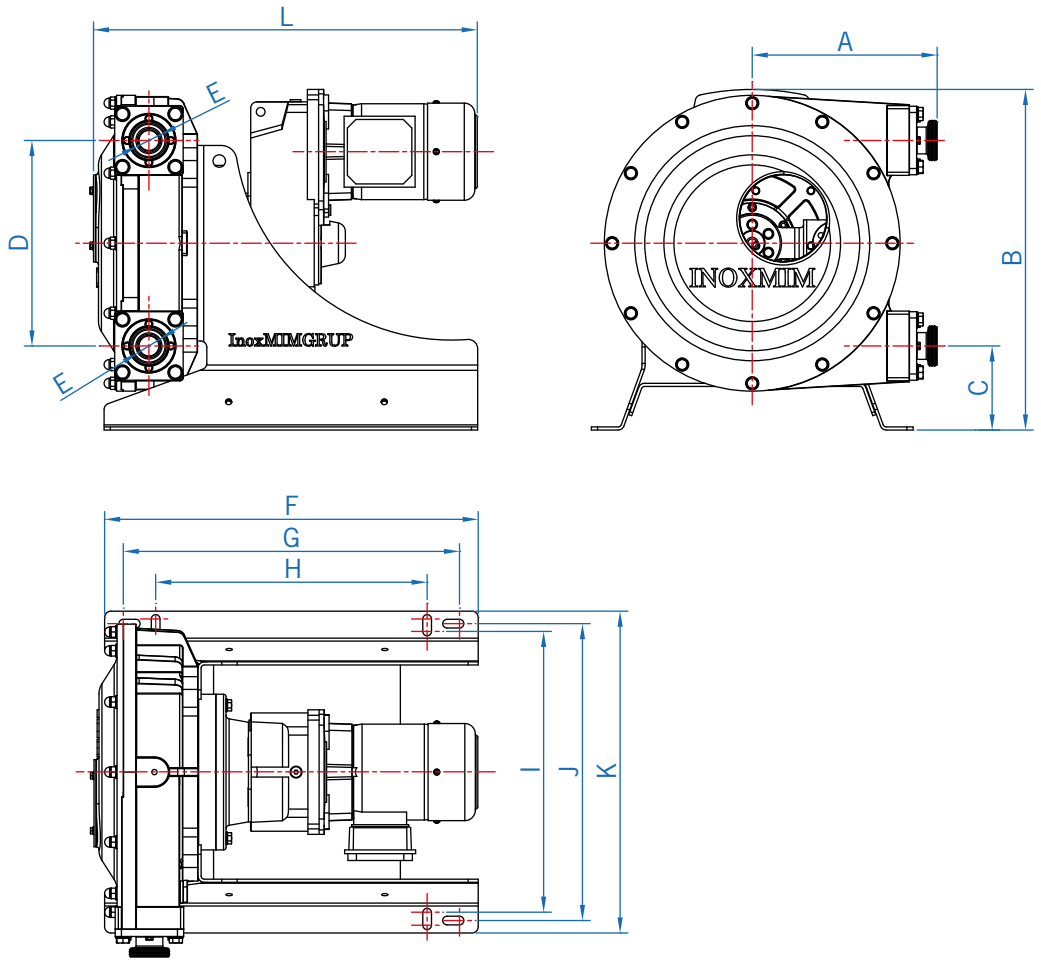
MATERIALS

GG25 cast iron body
Tubing material: FDA natural rubber
Finish: Industrial / food-grade

OPTIONS

Pressure switch plus pulse dampener
Control unit with 5 or 15 meters of cable
Remote control
AISI 316 die cast stainless steel body
Other rubber tubing materials: White/black natural rubber, EPDM, NBR and FKM (Viton). (Contact us for other materials)
Other connections: GAS, CLAMP, SMS, DIN 11851, etc.
Variable frequency drive
Wiring and lubrication system
Level and/or temperature sensors
Solids receiving hopper
Base plate, trolley

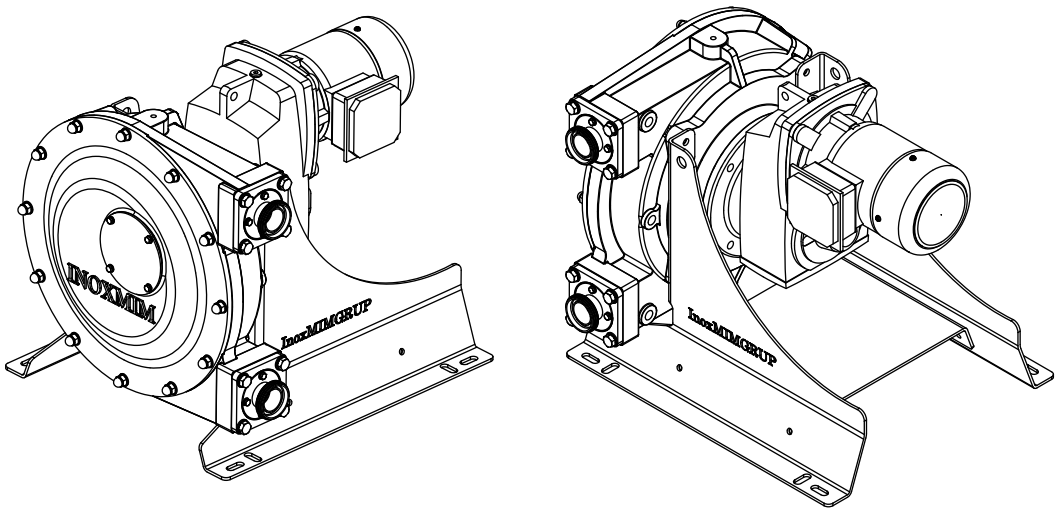
GENERAL DIMENSIONS FL--PH



GENERAL DIMENSIONS												
MODEL	A	B	C	D	E	F	G	H	I	J	K	L
FL30PH	260	465	135	260	DN32	535	475	370	390	410	450	*
FL40PH	300	547	135	330	DN40	600	540	436	450	480	520	*

*To be confirmed regarding gearbox type and power

SERVICE CONDITIONS						
	Max. Flow (L/h)	Max. Pressure (Bar)	Self-priming Pressure (bar)	Power Máx.	Angular speed (min-1)	Weight (kg)
FL30PH	2000	8	-0,7	1,1	10 - 72	90
FL40PH	3000	8	-0,7	2,2	11 - 72	135



FL--PT

Peristaltic pump

The peristaltic pump can handle all kind of products without damaging them, since there is no contact between the mechanical parts and the fluid, even in the case of products with low, medium or high viscosity.

The FL--PT pump is highly recommended for working with liquids (wine, milk, olive oil and juices), with semisolid products (entire, mashed or squeezed grape, tomatoes and fruit salads) or other products of the industry (sludge, lime, carbonates, etc) thanks to the only contact between the pump and the product being through the hose.

WORKING PRINCIPLE

The operation principle of this pump is the pressure applied by the rollers to the rubber hose. As they turn, the rollers progressively flatten the hose, pushing the product towards the output. This pressure-depression effect generates the force necessary to pump the product without involving mechanical parts. The hose is manufactured with an elastomer which will change in accordance with the properties of the fluid to be pumped.

One of the main features of these pumps is that they are self-priming in both directions due to the possibility of changing rotation direction. As a result, product loss is avoided and more than one product can be worked with without mixing. Furthermore, their design and characteristics allow working in dry conditions, without product, and, since there is no need to use a sealing system, these pumps work in completely watertight conditions.

All these features make the FL--PT a high-performance, high-capability peristaltic pump.

CHARACTERISTICS

Pressure regulator plus a discharger pulsation damper
Suction pulsation damper (FL--P)
Reception cover
DIN 11856 connections
Control panel with 5 meters of wire
Abrasion resistant natural rubber with FDA certification
Working temperatures (NR): from -20 to 70 °C.
Hose maximum admissible pressure: 15 bar
Adjustable rollers

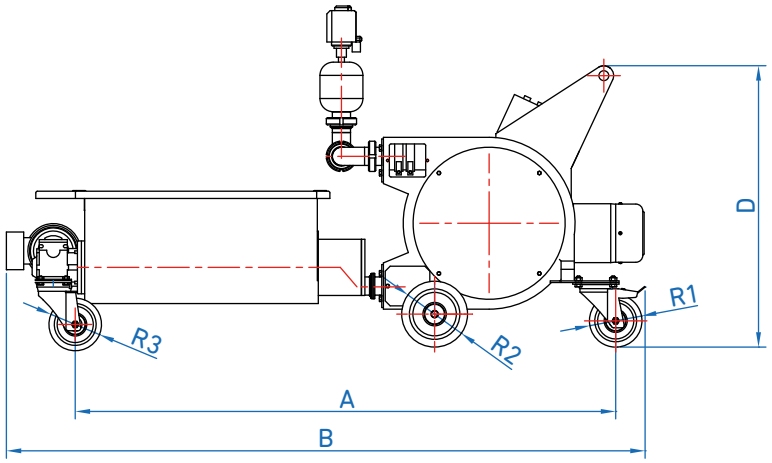
MATERIALS

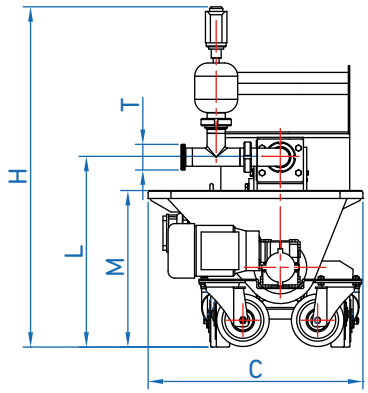
Body in stainless steel AISI 304L
Hose: natural rubber FDA
Level of finish: Industrial / Foodstuff

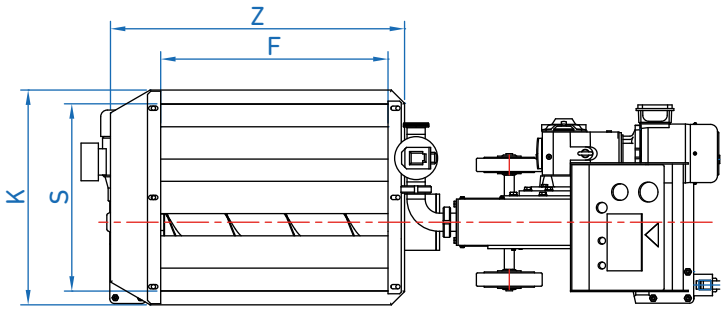
OPTIONS

Control panel with 15 metres of wire
Remote control
Hose in other materials: Natural rubber black/white, EPDM, NBR y FKM (Viton). (For other materials, request)
Other connections: CLAMP, SMS, DIN 11851, RJT, etc.
Frequency converter
Level / Thermal probes
Trolley, platform

DIMENSIONS AND CHARACTERISTICS OF FL--PT MODEL

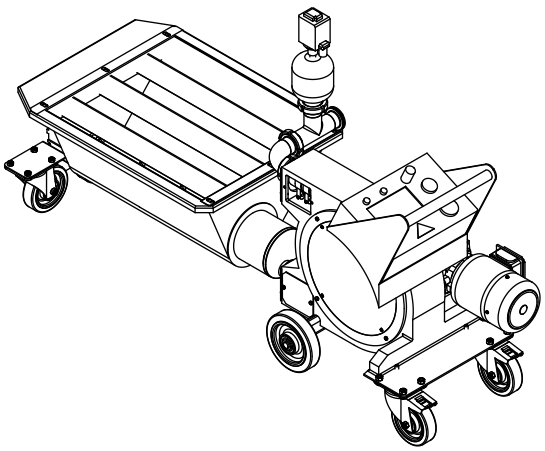




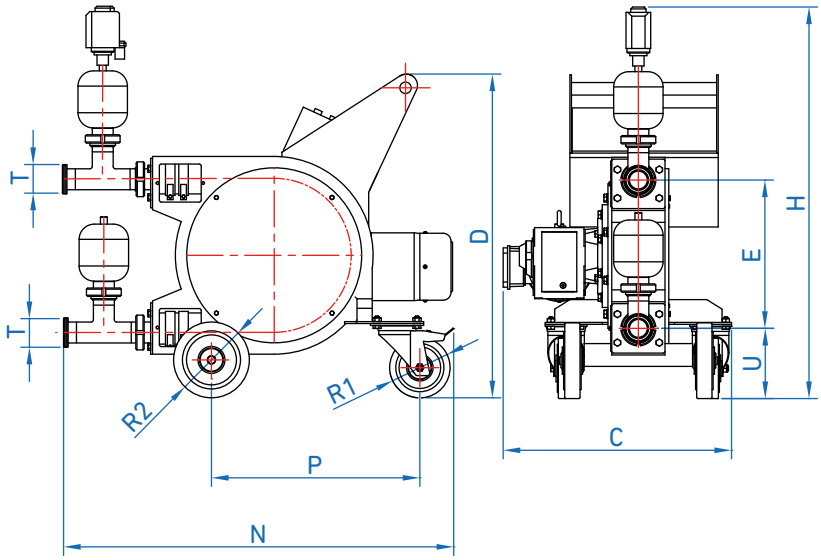


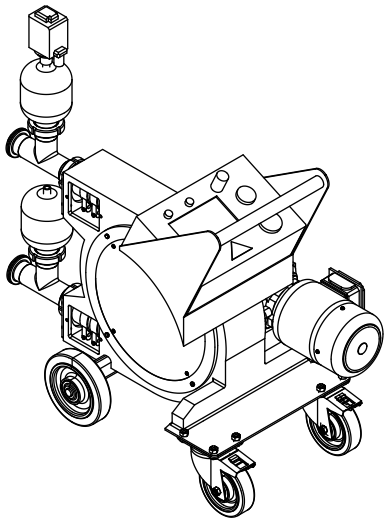
MODEL	A	B	C	D	F	H	K	L	M	N	R1	R2	R3	S	T	Z
FL50PT	1635	1935	465	850	700	1030	740	577	475	390	Ø160	Ø200	Ø150	660	DN50	880
FL60PT	1750	2150	530	892	700	1250	740	674	500	450	Ø160	Ø200	Ø150	660	DN65	880
FL70PT	1770	2400	725	1100	700	1460	750	880	550	650	Ø150	Ø250	Ø160	660	DN80	890
FL140PT	1770	2400	725	1100	700	1460	750	880	550	650	Ø150	Ø250	Ø170	660	DN80	890

MODEL	SERVICE CONDITIONS								
	Flow (L/h)	Max. Pressure (bar)	Self-priming Pressure (bar)	Power (kW)	Angular speed (min-1)	Weight (Kg)	Reception cover weight (Kg)	Body material	Hose material
FL50PT	7.000	3	-0.7	1.5	10 - 72	140	40	SS AISI 304L	NR EPDM NBR FKM
FL60PT	12.000	3	-0.7	3	10 - 72	215	40		
FL70PT	26.000	3	-0.7	5.5	10 - 75	400	75		
FL140PT	52.000	3	-0.7	7.5	10 - 75	425	100		



FL--P



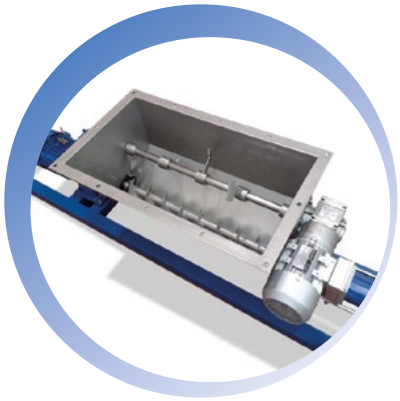


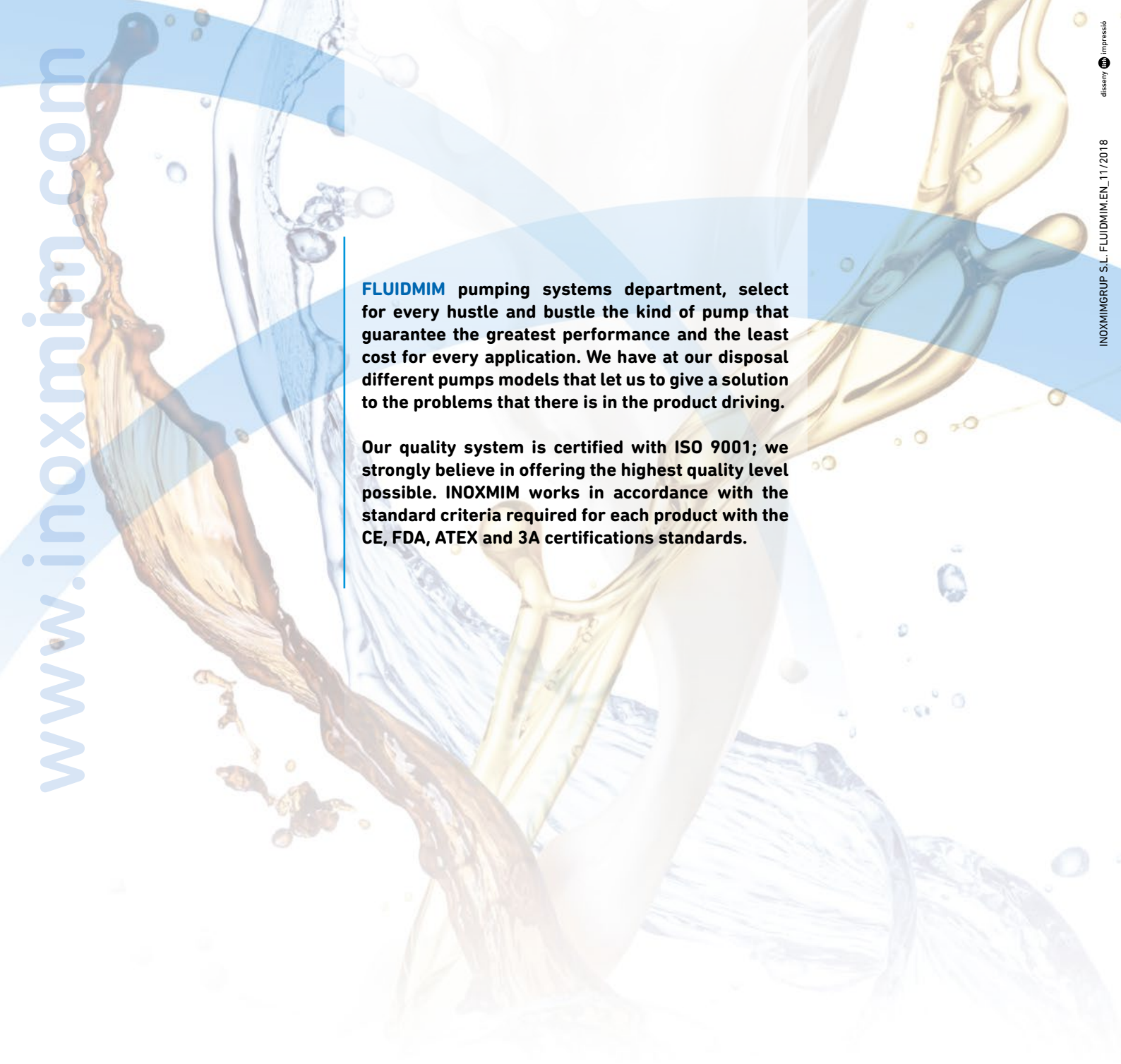
MODEL	C	D	E	H	N	R1	R2	T	U	P
FL50P	465	850	390	1030	1025	Ø160	Ø200	DN50	185	548
FL60P	530	892	485	1250	1174	Ø160	Ø200	DN65	215	564
FL70P	725	1015	630	1460	1360	Ø150	Ø250	DN80	250	585
FL140P	725	1015	630	1460	1360	Ø150	Ø250	DN80	250	585

MODEL	SERVICE CONDITIONS							
	Flow (L/h)	Max. Pressure (bar)	Self-priming Pressure (bar)	Power (kW)	Angular speed (min-1)	Weight (Kg)	Body material	Hose material
FL50P	7.000	3	-0.7	1.5	10 - 72	140	SS AISI 304L	NR EPDM NBR FKM
FL60P	12.000	3	-0.7	3	10 - 72	215		
FL70P	26.000	3	-0.7	5.5	10 - 75	400		
FL140P	52.000	3	-0.7	7.5	10 - 75	425		

Other applications

OTHER APPLICATIONS





FLUIDMIM pumping systems department, select for every hustle and bustle the kind of pump that guarantee the greatest performance and the least cost for every application. We have at our disposal different pumps models that let us to give a solution to the problems that there is in the product driving.

Our quality system is certified with ISO 9001; we strongly believe in offering the highest quality level possible. INOXMIM works in accordance with the standard criteria required for each product with the CE, FDA, ATEX and 3A certifications standards.

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disseny i impressió
INOXMIMGRUP S.L. FLUIDMIM.EN_11/2018

INOXMIMGRUP, SL

INOXMIM
C/ Rubió i Ors, 29 - 17834 PORQUERES (Girona) ESPAÑA
Tel: +34 972 58 20 40 - Fax: +34 972 57 47 93
inoxmim@inoxmim.com

EMPRESAS DEL GRUPO - GROUP COMPANIES **-** LES SOCIETES DU GROUPE:

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