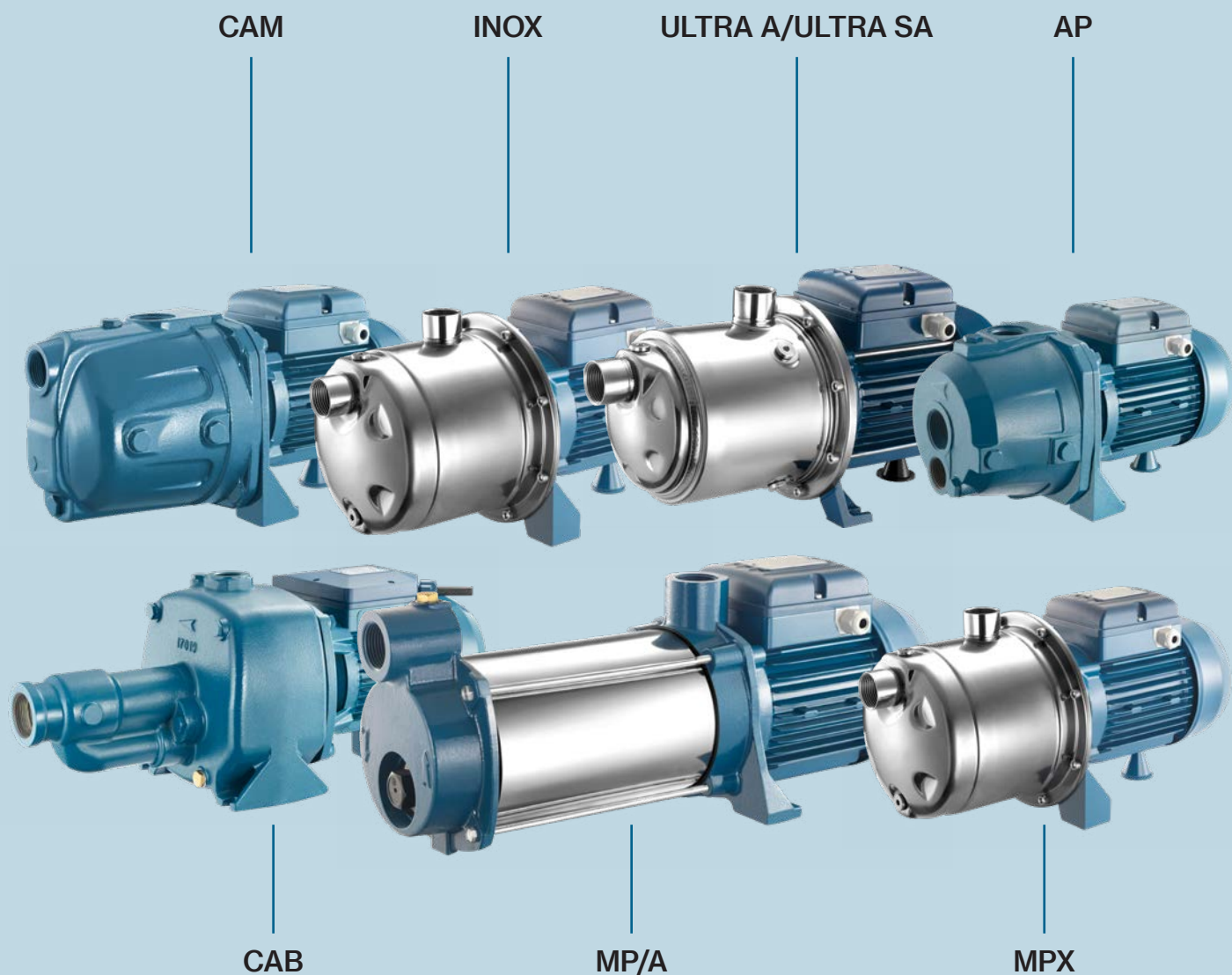


SELF-PRIMING PUMPS



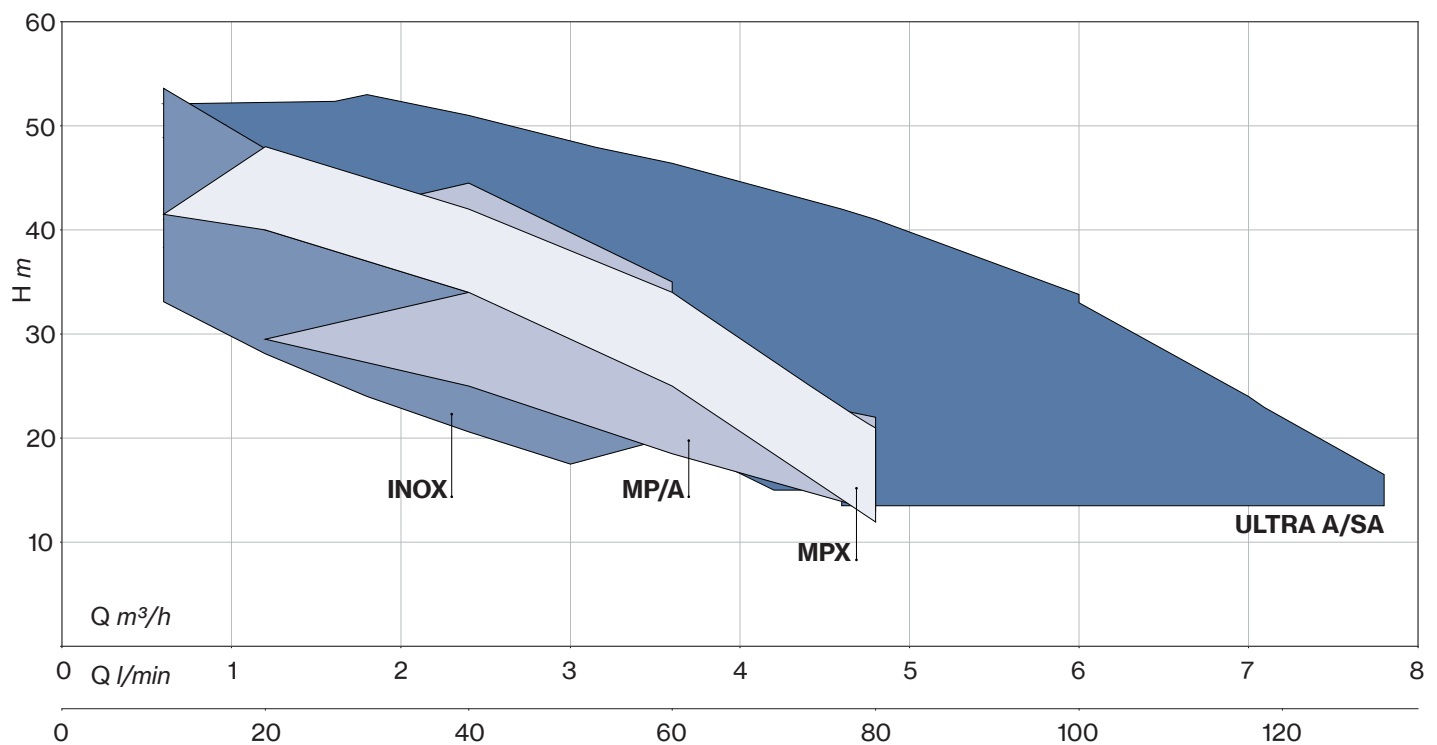
Wide range of single and multistage self-priming pumps, characterized by the fact of being able to handle liquids in the presence of dissolved gases.

Applications:

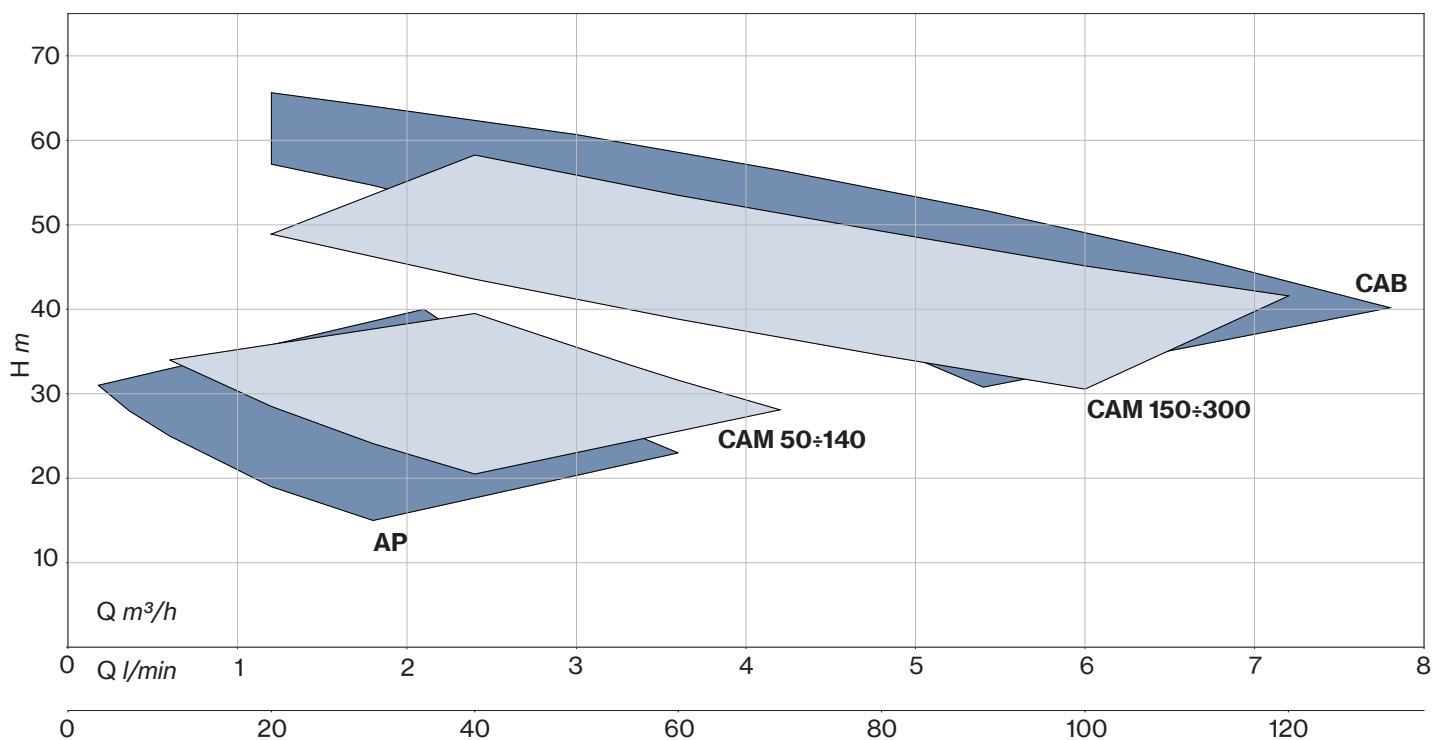
- Water supply
- Pressurization
- Liquid transfer
- Irrigation and tank emptying
- Small automatic systems of pressure increase

SELF-PRIMING PUMPS

Stainless steel



Cast iron



Self-priming centrifugal pumps for water supplies (even if mixed with gas) in small household systems, connected to autoclave tanks, for transferring liquids and emptying tanks; also used for gardening.



CAM 50N÷140



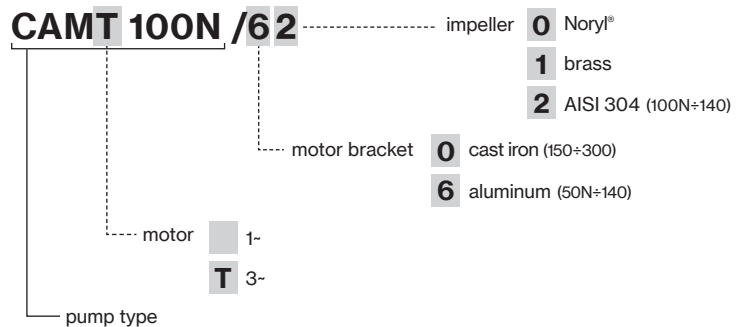
CAM 150÷300

Construction features

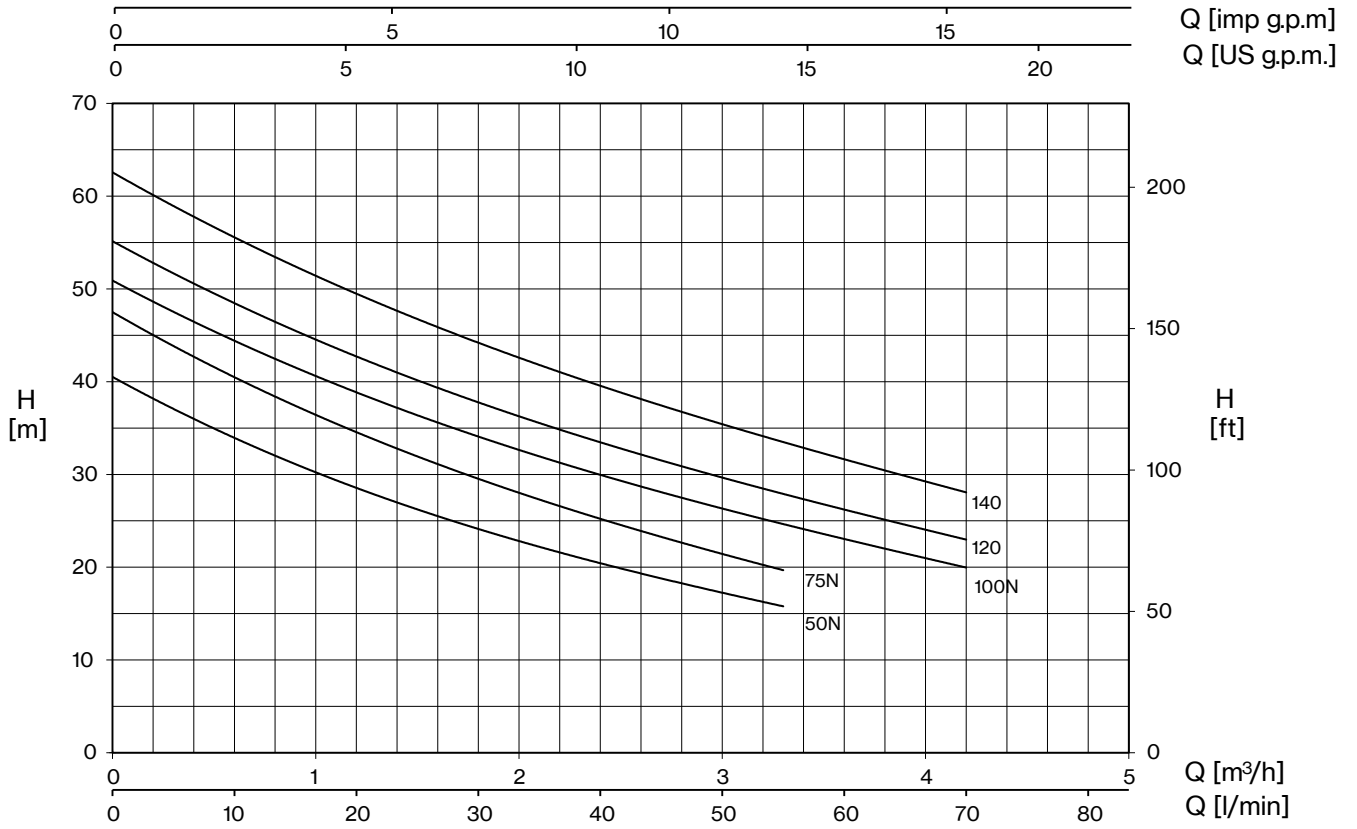
Pump body	cast iron
Motor bracket	aluminum (50N÷140) cast iron (150÷300)
Impeller	Noryl®, brass AISI 304, Noryl®, brass (100N÷140)
Mechanical seal	ceramic-graphite-NBR
Motor shaft	stainless steel AISI 416
Liquid temperature	0 - 50 °C
Operating pressure	max 6 bar (50N÷75N) max 7 bar (100N÷140) max 8 bar (150÷300)

Motor

	3~ 230/400V - 50Hz
2 poles induction motor	1- 230V - 50Hz (with thermal protection)
Insulation class	F
Protection degree	IPX4

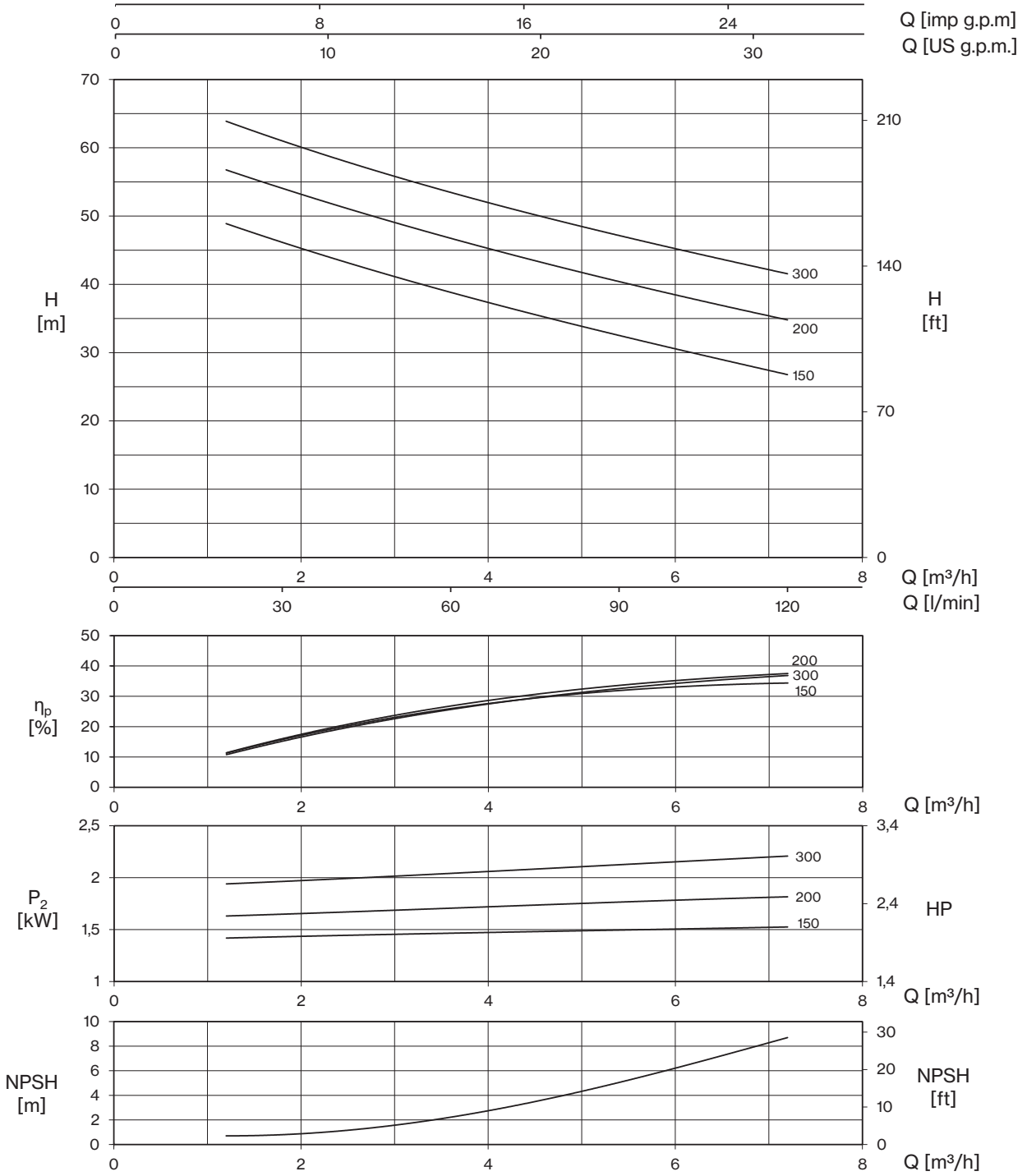


TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
CAM(T) 50N÷140	85×110×145	60	85×110×190	80
CAM(T) 150÷200	80×120×140	25	80×120×180	35
CAM 300	85×110×145	20	85×110×170	24
CAMT 300	80×120×140	25	80×120×180	35



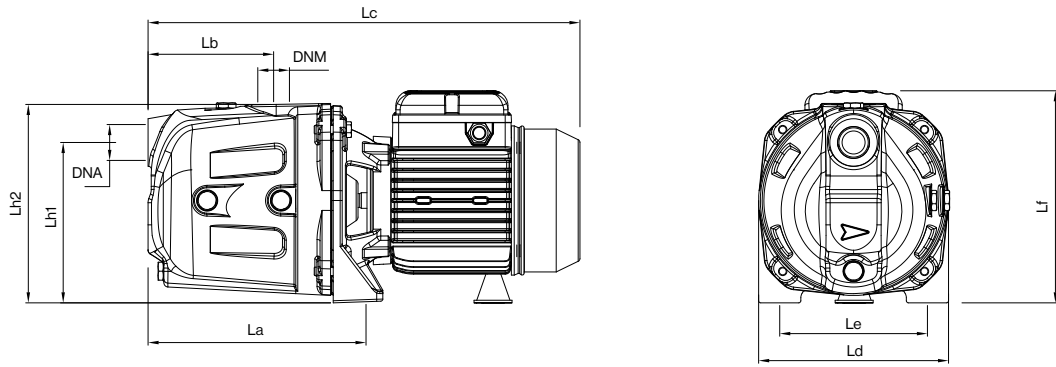
TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)								
1-	3-			1-	3-	1- 230V	3- 400V	0	0,6	1,2	1,8	2,4	3	3,3	3,6	4,2
		HP	kW	kW		A		H (m)								
CAM 50N	CAMT 50N	0,6	0,44	0,7	0,67	3,1	1,3	40,5	34,0	28,5	24,1	20,5	17,2	15,8		
CAM 75N	CAMT 75N	0,8	0,59	0,82	0,78	3,6	1,4	47,5	40,5	34,5	29,6	25,2	21,4	19,7		
CAM 100N	CAMT 100N	1	0,74	1,04	0,92	4,7	1,7	50,9	44,3	38,9	34,1	30,1	26,3	24,6	23,0	20,0
CAM 120	CAMT 120	1,2	0,88	1,14	1,07	5,2	1,9	55,1	48,5	42,6	37,8	33,5	29,7	27,9	26,2	23,0
CAM 140	CAMT 140	1,5	1,1	1,3	1,25	6,0	2,5	62,5	55,7	49,4	44,2	39,5	35,5	33,5	31,6	28,1



CAM

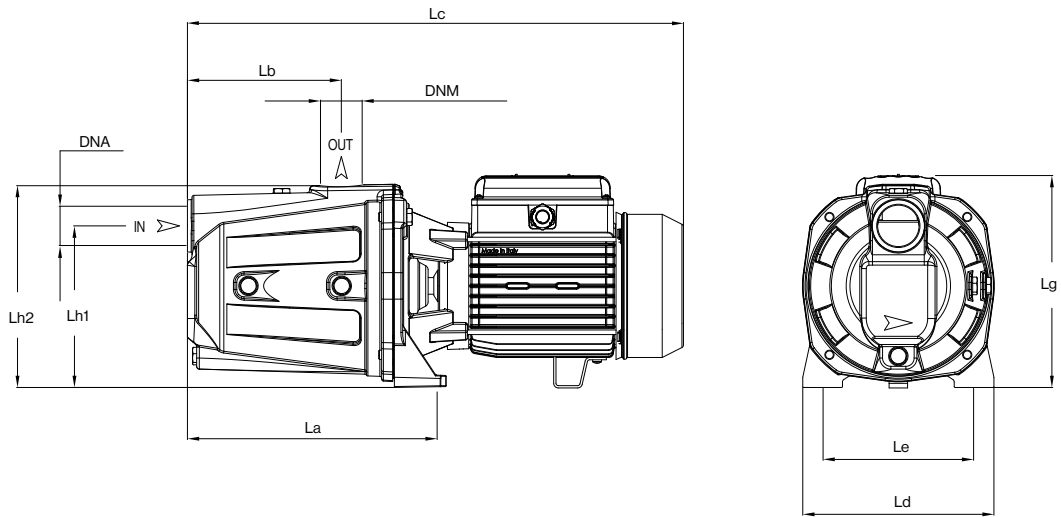




TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)							
1-	3-			1-	3-	1- 230V	3- 400V	0	1,2	2,4	3,6	4,8	6	7,2	
		HP	kW	kW		A		0	20	40	60	80	100	120	
		H (m)													
CAM 150	CAMT 150	1,5	1,1	1,9	1,8	8,5	3,7	54,8	48,9	43,6	38,8	34,5	30,6	26,8	
CAM 200	CAMT 200	2	1,5	2,3	2,2	10,4	4,4	62,7	56,8	51,5	46,8	42,4	38,4	34,8	
CAM 300	CAMT 300	3	2,2	2,7	2,6	12,5	5,2	70,0	63,9	58,3	53,5	49,2	45,1	41,6	





TYPE		DIMENSIONS (mm)													
-1	-3	La	Lb	Lc	Ld	Le	Lf	Lh1	Lh2	DNA	DNM	I	L	M	Kg
CAM 50N	CAMT 50N	214	119	410	180	140	195	150	185	1" G	1" G	440	194	215	
CAM 75N	CAMT 75N	214	119	410	180	140	195	150	185			440	194	215	12,5
CAM 100N	CAMT 100N	214	119	410	180	140	195	150	185			440	194	215	14
CAM 120	CAMT 120	214	119	410	180	140	195	150	185			440	194	215	14,5
CAM 140	CAMT 140	214	119	410	180	140	195	150	185			440	194	215	15

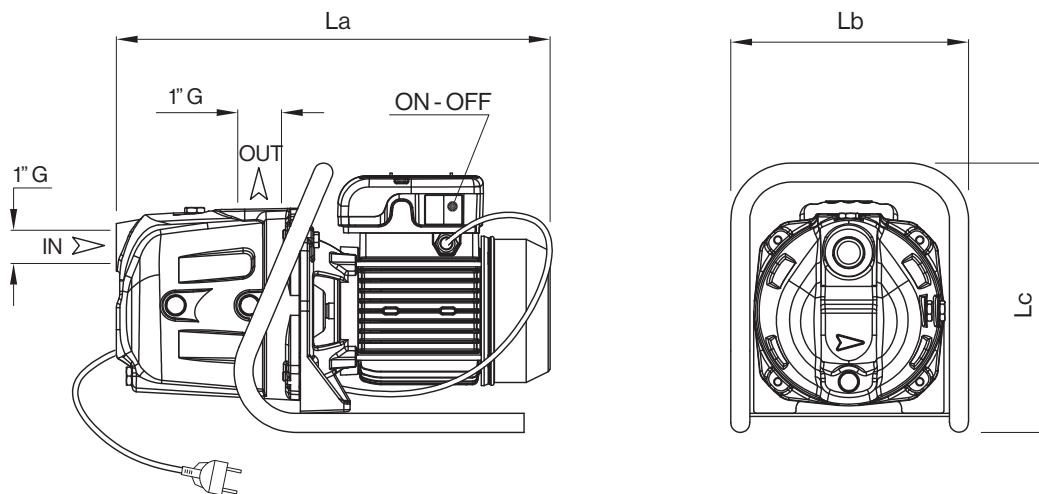


TYPE		DIMENSIONS (mm)														
-1	-3	La	Lb	Lc	Ld	Le	Lg	Lh1	Lh2	DNA	DNM	I	L	M	-1	-3
CAM 150	CAMT 150	269,6	167	538	203	165	231,5	175	220	1" ½ G	1" ¼ G	565	235	232	29	30,5
CAM 200	CAMT 200	269,6	167	538	203	165	231,5	175	220			565	235	232	30	29,5
CAM 300	-	269,6	167	608	203	165	231,5	175	220			638	230	255	38	-
-	CAMT 300	269,6	167	538	203	165	231,5	175	220			565	235	232	-	30,5

CAM GARDEN

Portable electropumps complete with handle, cable with plug and switch.
The performances depend on adopted pump type.

TYPE - 50 Hz	P2		P1	Pipe		Performance	
	HP	kW	kW	Suction	Delivery	Q (l/min)	H (m)
CAM 50N GARDEN	0,6	0,44	0,7	1" G	1" G	10-55	34,0-15,8
CAM 75N GARDEN	0,8	0,59	0,82			10-55	40,5-19,7
CAM 100N GARDEN	1	0,74	1,04			10-70	44,3-20,0
CAM 120 GARDEN	1,2	0,88	1,14			10-70	48,5-23
CAM 140 GARDEN	1,5	1,1	1,3			10-70	55,7-28,1



TYPE	DIMENSIONS (mm)		
	La	Lb	Lc
CAM 50N GARDEN	410	266	252
CAM 75N GARDEN	410	266	252
CAM 100N GARDEN	410	266	252
CAM 120 GARDEN	410	266	252
CAM 140 GARDEN	410	266	252



Self-priming centrifugal pumps for domestic applications such as domestic systems where air is mixed with water. Recommended in combination with pressure set for water transfer, rainwater harvesting and garden irrigation systems.

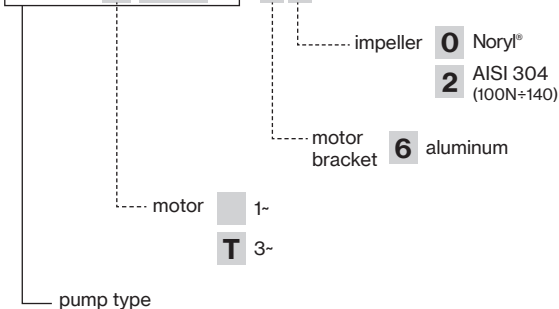
Construction features

Pump body	stainless steel AISI 304
Motor bracket	aluminum
Impeller	Noryl® Noryl®, AISI 304 (100N≠140)
Mechanical seal	ceramic-graphite-NBR
Motor shaft	stainless steel AISI 416
Liquid temperature	0 - 50 °C
Operating pressure	max 8 bar

Motor

	3~ 230/400V - 50Hz
2 poles induction motor	1~ 230V - 50Hz (with thermal protection)
Insulation class	F
Protection degree	IPX4

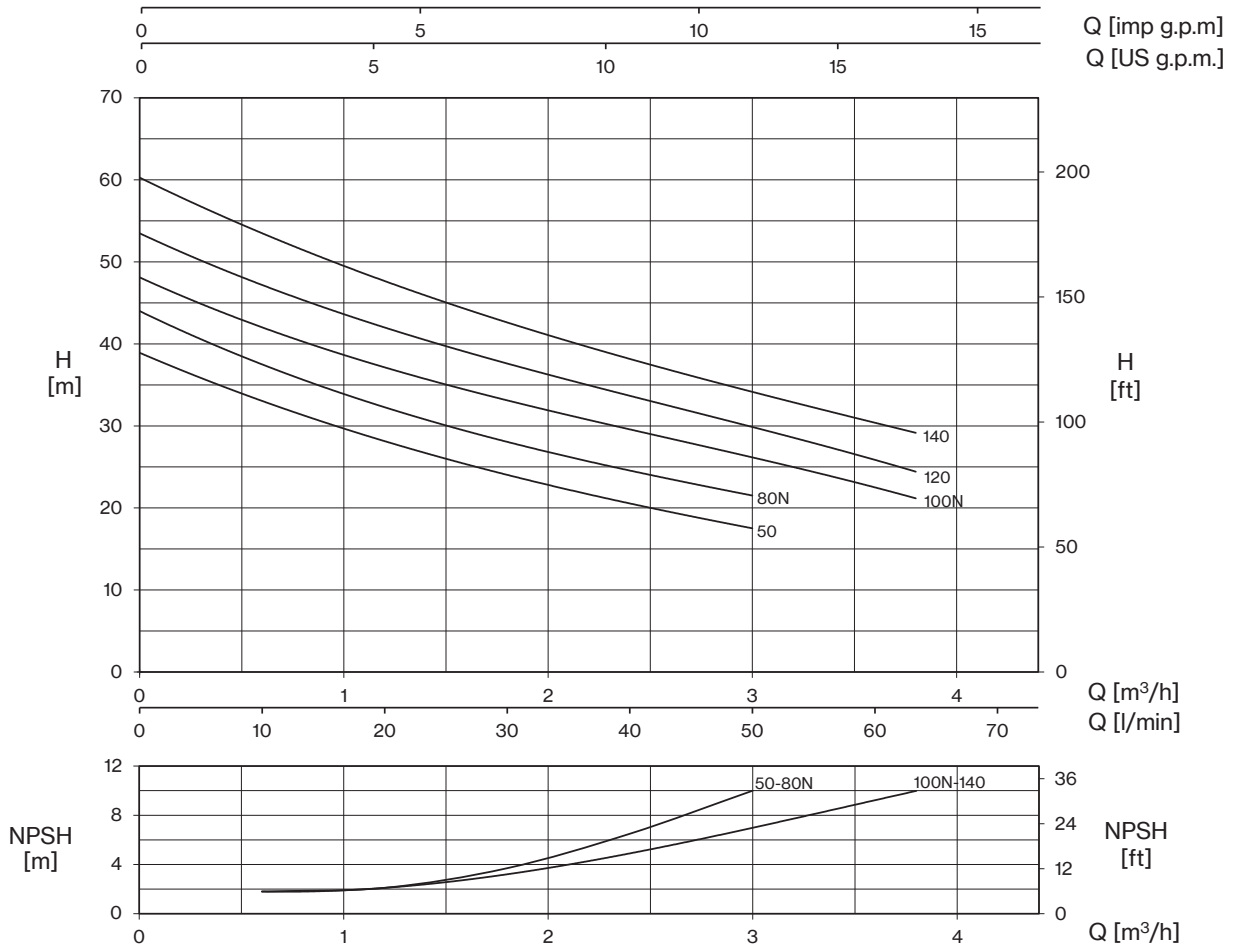
INOXT 100N/6 2



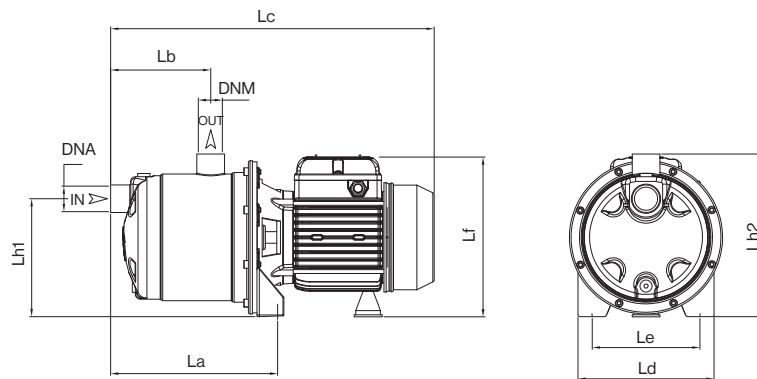
TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
INOX(T)	85×110×150	60	85×110×190	80



INOX



TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)							
1~	3~			1~	3~	1~ 230V	3~ 400V	0	0,6	1,2	1,8	2,4	3	3,6	3,8
		HP	kW	kW		A		H (m)							
INOX 50	INOXT 50	0,6	0,44	0,67	0,63	2,9	1,2	38,9	33,1	28,1	24,0	20,6	17,5		
INOX 80N	INOXT 80N	0,8	0,59	0,75	0,76	3,3	1,4	44,0	37,5	32,3	28,0	24,6	21,5		
INOX 100N	INOXT 100N	1	0,74	1,04	0,92	4,7	1,7	48,0	42,3	37,0	33,0	29,6	26,2	22,7	21,0
INOX 120	INOXT 120	1,2	0,88	1,14	1,03	5,2	1,9	53,4	47,4	41,9	37,5	33,7	29,9	26,0	24,3
INOX 140	INOXT 140	1,5	1,1	1,3	1,23	6,0	2,5	60,2	53,6	47,8	42,4	38,0	34,4	30,5	29,0



TYPE		DIMENSIONS (mm)													Kg
-1	-3	La	Lb	Lc	Ld	Le	Lf	Lh1	Lh2	DNA	DNM	I	L	M	
INOX 50	INOXT 50	208	128	410	175	140	215	153	210			430	210	235	8,5
INOX 80N	INOXT 80N	208	128	410	175	140	215	153	210			430	210	235	9,5
INOX 100N	INOXT 100N	208	128	410	175	140	215	153	210	1" G	1" G	430	210	235	10,5
INOX 120	INOXT 120	208	128	410	175	140	215	153	210			430	210	235	11
INOX 140	INOXT 140	208	128	410	175	140	215	153	210			430	210	235	11,5



INOX GARDEN-BOX

Portable electropumps complete with handle, cable with plug and switch.
The performances depend on adopted pump type.

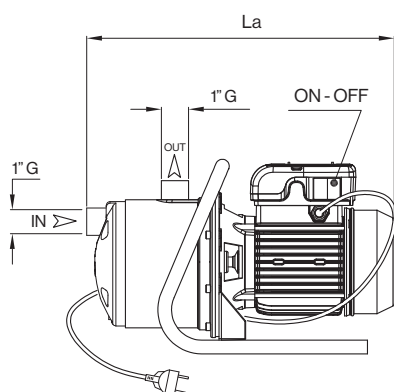


INOX GARDEN

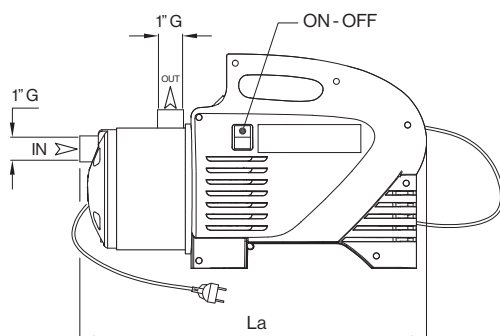
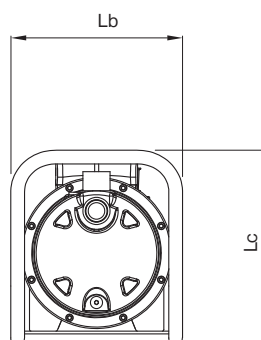


INOX BOX

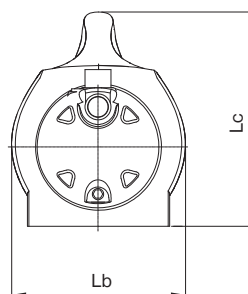
TYPE - 50 Hz	P2		P1	Pipe		Performance	
	HP	kW	kW	Suction	Delivery	Q (l/min)	H (m)
INOX 100N GARDEN-BOX	1	0,74	1,04	1" G	1" G	10-63,3	42,3-21,0



INOX GARDEN



INOX BOX



TYPE	DIMENSIONS (mm)		
	La	Lb	Lc
INOX 100N GARDEN	410	175	285
INOX 100N BOX	429	209	287

ULTRA A

Self-priming

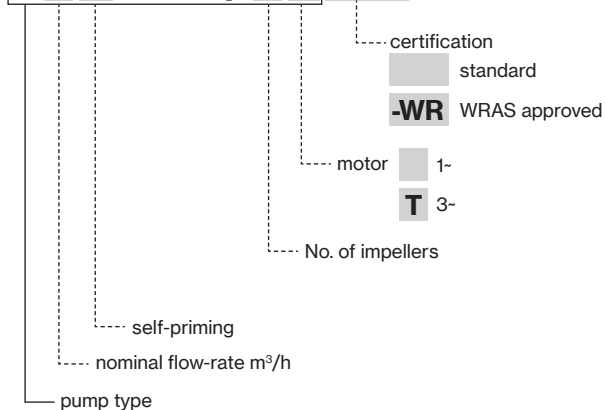


Self-priming horizontal multistage stainless steel pumps suitable for domestic use, also in combination with autoclave tank. Suitable for drinking water or glycol, for water treatment, heating, air conditioning and washing systems.

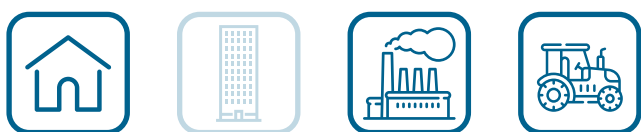
Construction features	
Pump body, mechanical seal housing	stainless steel AISI 304
Motor bracket	aluminum
Impellers, diffusers	Noryl®
Mechanical seal	ceramic-graphite-EPDM
Motor shaft	stainless steel AISI 303
Liquid temperature	-5 ÷ +35 °C
Operating pressure	max 7 bar

Motor	
	3~ 230/400V - 50Hz
2 poles induction motor	1~ 230V - 50Hz (with thermal protection up to 1.85 kW)
Insulation class	F
Protection degree	IPX4

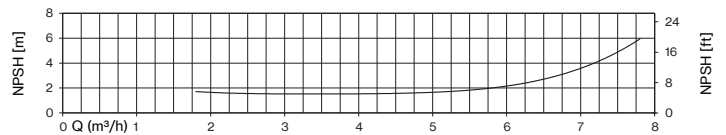
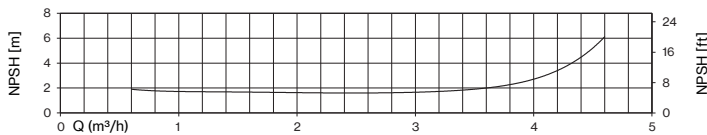
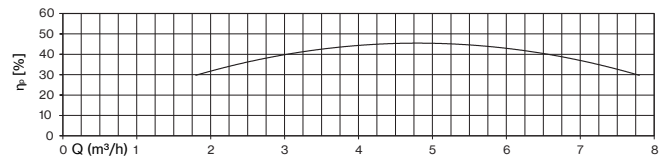
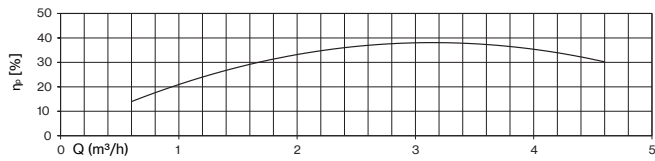
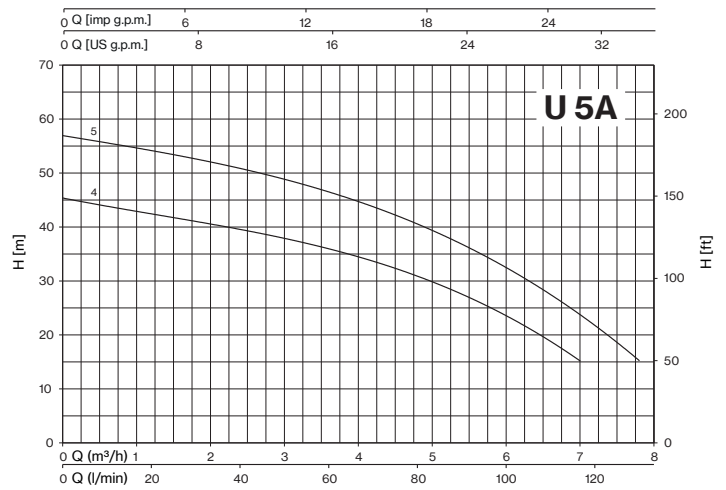
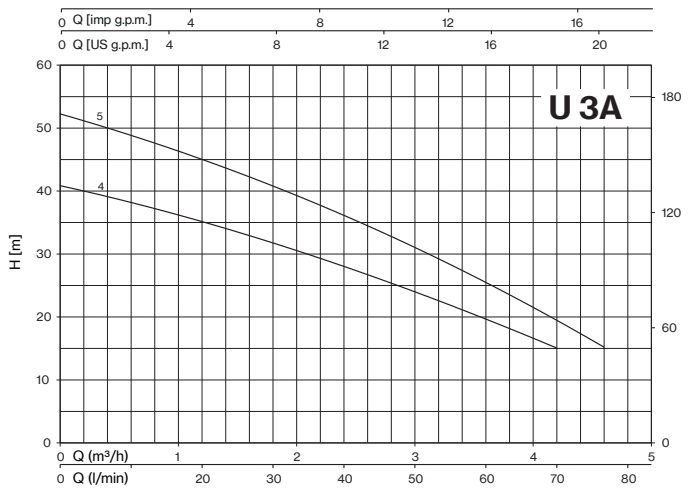
U 3 A - 100 / 5 T -WR



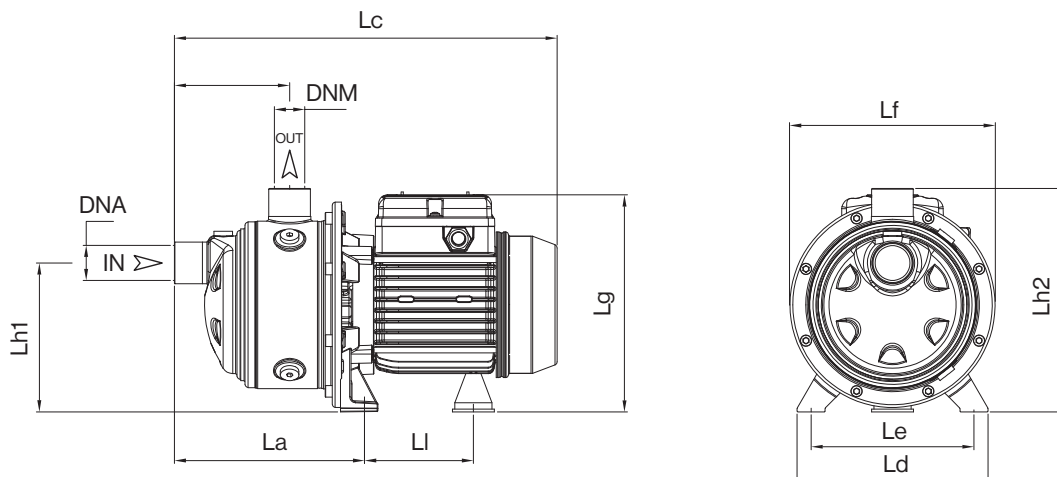
TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
U 3A-90/4(T)	85×110×160	70	85×110×185	80
U 3A-100/5(T)	90×110×150	48	90×110×170	56
U 5A-120/4(T)	85×110×160	70	85×110×185	80
U 5A-150/5(T)	90×110×150	48	90×110×170	56



ULTRA A



TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)												
1~	3~			1~	3~	1~ 230V	3~ 400V	0	0,6	1,2	1,8	2,4	3,6	4,2	4,6	4,8	6	7	7,8	
		HP	kW	kW		A		H (m)												
U 3A-90/4	U 3A-90/4T	0,9	0,66	0,9	0,88	4	1,8	40,8	38,3	35,1	31,8	27,9	19,8	15,0						
U 3A-100/5	U 3A-100/5T	1	0,75	1,06	1,01	4,8	1,9	52,2	48,9	45,1	40,8	36,0	25,4	19,8	15,0					
U 5A-120/4	U 5A-120/4T	1,2	0,9	1,13	1,13	5,2	2,5	45,3			41,3	39,6	35,6	33,4	31,7	30,8	24,0	15,0		
U 5A-150/5	U 5A-150/5T	1,5	1,1	1,47	1,39	6,8	2,8	56,8			53,0	51,0	46,1	43,2	41,2	40,1	33,0	24,0	15,0	



TYPE		DIMENSIONS (mm)												Kg
-1	-3	La	Lb	Lc	Ld	Le	Lf	Lg	Lh	Lh1	Lh2	DNA	DNM	
U 3A-90/4	U 3A-90/4T	238,8	175	405	164	140	176	190	93,7	128	192	1" G	1" G	9
U 3A-100/5	U 3A-100/5T	262,8	199	452	164	140	176	203	104,7	128	192			11,5
U 5A-120/4	U 5A-120/4T	238,8	175	428	164	140	176	203	104,7	128	192			11,5
U 5A-150/5	U 5A-150/5T	262,8	199	514	164	140	176	211	128,2	134	198			14,5



ULTRA SA

Self-priming

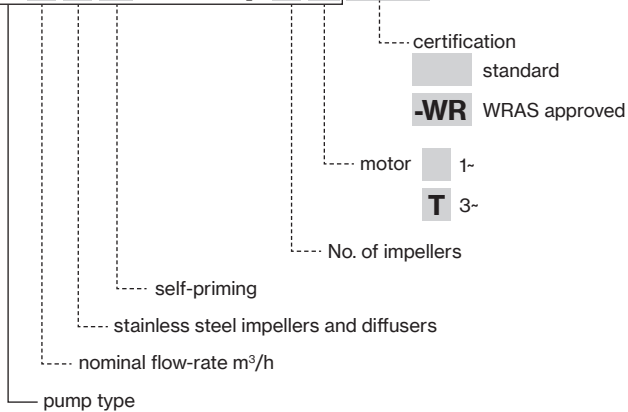


Self-priming horizontal multistage stainless steel pumps suitable for domestic use, also in combination with autoclave tank. Suitable for drinking water or glycol, for water treatment, heating, air conditioning and washing systems.

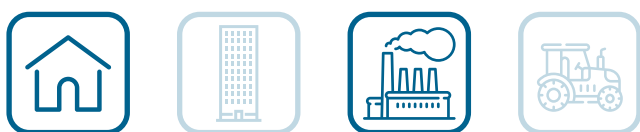
Construction features	
Pump body, mechanical seal housing	stainless steel AISI 304
Motor bracket	aluminum
Impellers, diffusers	stainless steel AISI 304
Mechanical seal	ceramic-graphite-EPDM
Motor shaft	stainless steel AISI 303
Liquid temperature	-15 ÷ +110 °C
Operating pressure	max 7 bar

Motor	
	3~ 230/400V - 50Hz
2 poles induction motor	1~ 230V - 50Hz (with thermal protection up to 1.85 kW)
Insulation class	F
Protection degree	IPX4

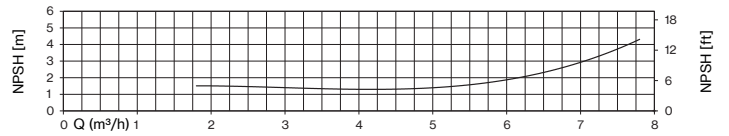
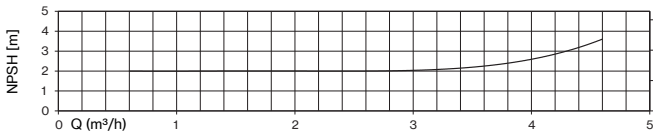
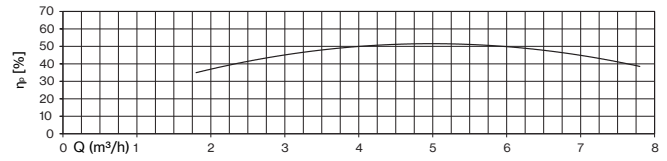
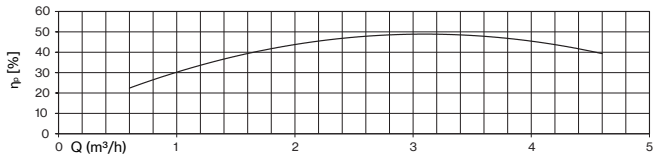
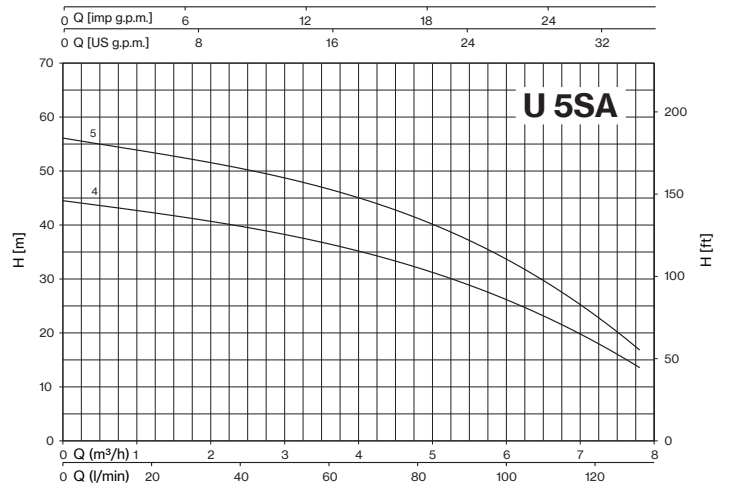
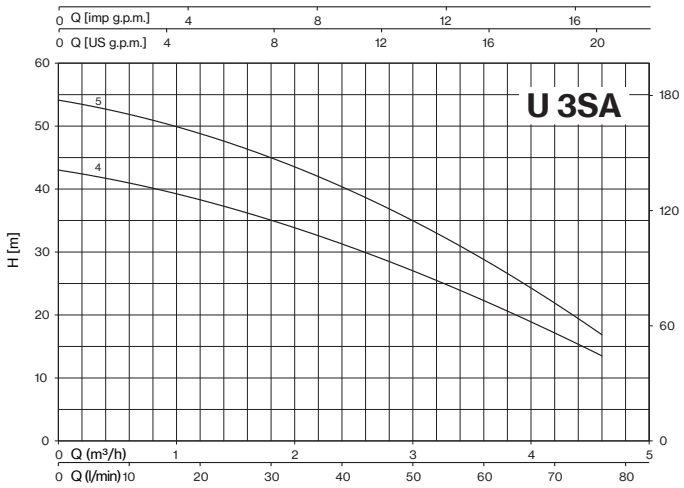
U 3 SA - 100 / 5 T - WR



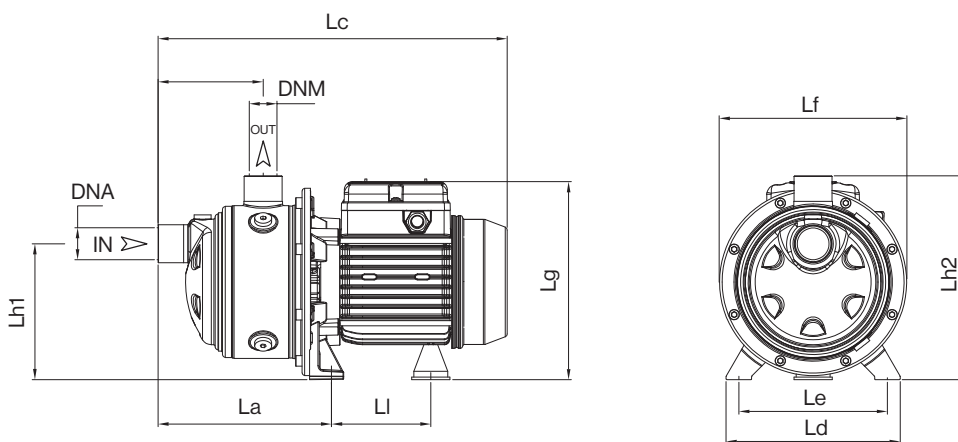
TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
U 3SA-90/4(T)	85×110×160	70	85×110×185	80
U 3SA-100/5(T)	90×110×150	48	90×110×170	56
U 5SA-120/4(T)	85×110×160	70	85×110×185	80
U 5SA-150/5(T)	90×110×150	48	90×110×170	56



ULTRA SA



TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)												
1~	3~			1~	3~	1~ 230V	3~ 400V	0	0,6	1,2	1,8	2,4	3,6	4,6	4,8	6	7	7,8		
		HP	kW	kW		A		H (m)												
U 3SA-90/4	U 3SA-90/4T	0,9	0,66	0,83	0,8	3,6	1,7	43,0	41,0	38,3	35,0	31,3	22,3	13,5						
U 3SA-100/5	U 3SA-100/5T	1	0,75	0,99	0,92	4,4	1,7	54,0	52,1	48,8	44,9	40,2	29,0	16,8						
U 5SA-120/4	U 5SA-120/4T	1,2	0,9	1,09	1,08	4,9	2,4	44,5			41,0	40,0	36,4	32,8	32,0	26,2	18,5	13,5		
U 5SA-150/5	U 5SA-150/5T	1,5	1,1	1,39	1,31	6,5	2,7	56,0			52,4	50,5	46,4	42,0	41,0	33,8	23,8	16,5		



TYPE		DIMENSIONS (mm)												Kg
-1	-3	La	Lb	Lc	Ld	Le	Lf	Lg	LI	Lh1	Lh2	DNA	DNM	
U 3SA-90/4	U 3SA-90/4T	238,8	175	405	164	140	176	190	93,7	128	192	1" G	1" G	10
U 3SA-100/5	U 3SA-100/5T	262,8	199	452	164	140	176	203	104,7	128	192			12,5
U 5SA-120/4	U 5SA-120/4T	238,8	175	428	164	140	176	203	104,7	128	192			12,5
U 5SA-150/5	U 5SA-150/5T	262,8	199	514	164	140	176	211	128,2	134	198			15,5





AP 75÷100



AP 150÷200



4"

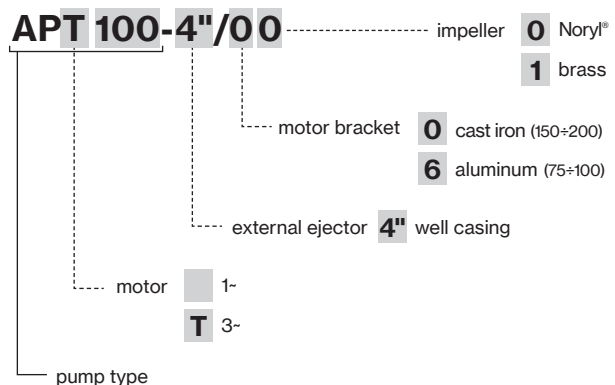
Self-priming centrifugal pumps with 4" external ejector. Suitable for water supply (even if mixed with air) of small domestic systems, that can be connected to an autoclave tank.

Construction features

Pump body	cast iron
Motor bracket	aluminum (75-100) cast iron (150-200)
Impeller	Noryl® or brass
Mechanical seal	ceramic-graphite-NBR
Motor shaft	stainless steel AISI 416 (75-100) stainless steel AISI 303 hydraulic part (150-200)
Liquid temperature	0 - 50 °C
Operating pressure	max 8 bar

Motor

	3- 230/400V - 50Hz
2 poles induction motor	1- 230V - 50Hz (with thermal protection)
Insulation class	F
Protection degree	IPX4



TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
AP(T) 75÷100	85×110×145	60	85×110×190	80
AP(T) 150÷200	80×120×140	35	80×120×190	49



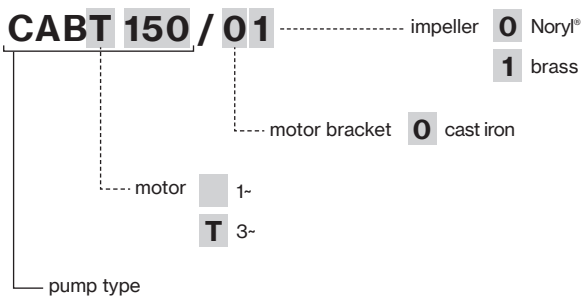
Self-priming centrifugal pumps for water supply (also mixed with air) of small and medium domestic and civil installations, that can be connected to an autoclave tank.

Construction features

Pump body	cast iron
Motor bracket	cast iron
Impeller	Noryl® or brass
Mechanical seal	ceramic-graphite-NBR
Motor shaft	stainless steel AISI 303 hydraulic side
Liquid temperature	0 - 50 °C
Operating pressure	max 8 bar

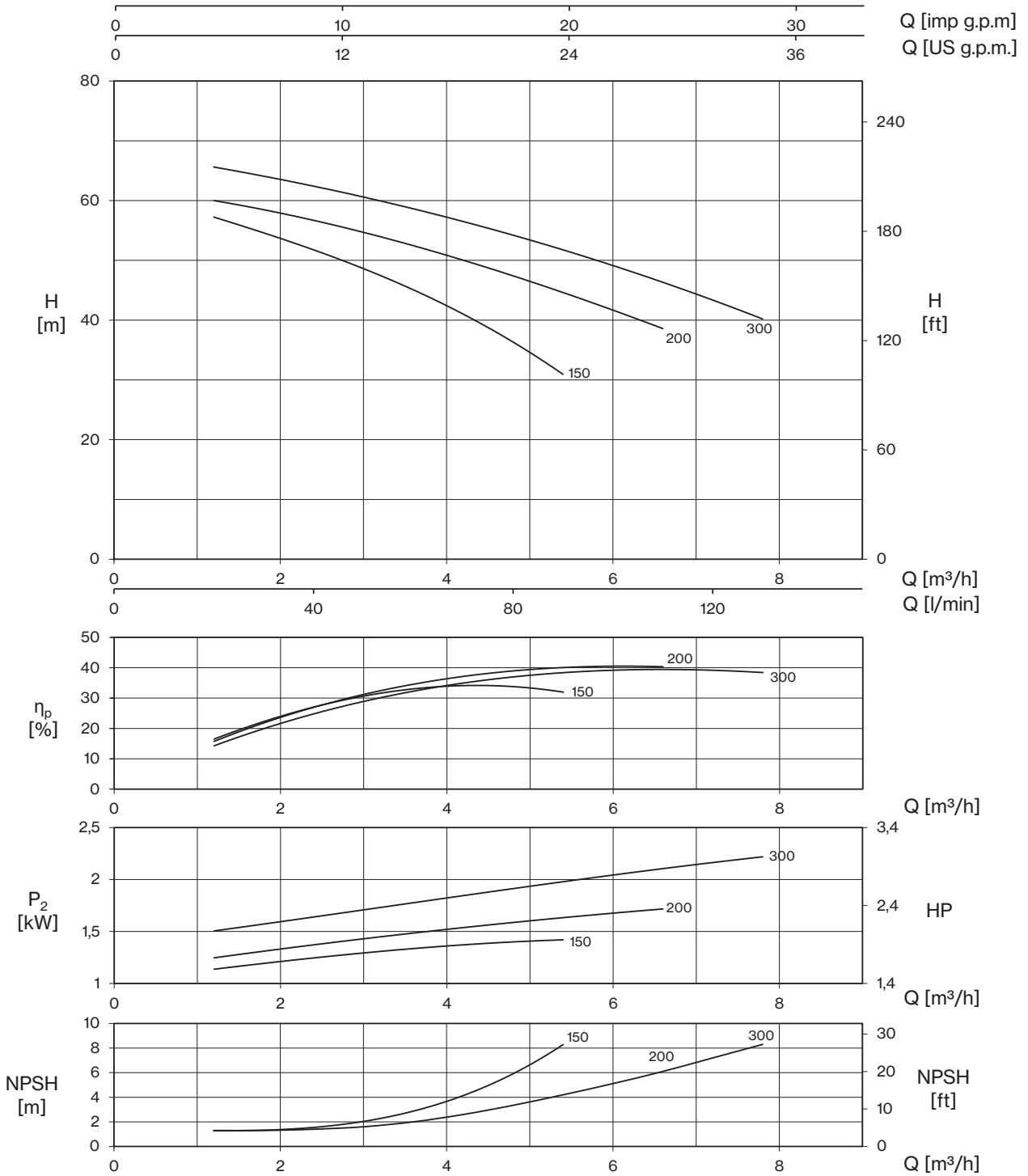
Motor

	3~ 230/400V - 50Hz
2 Poles induction motor	1~ 230V - 50Hz (with thermal protection)
Insulation class	F
Protection degree	IPX4



TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
CAB(T) 150=200	80×120×140	25	80×120×190	35
CAB 300	85×110×160	20	85×110×190	24
CABT 300	80×120×140	25	80×120×190	35

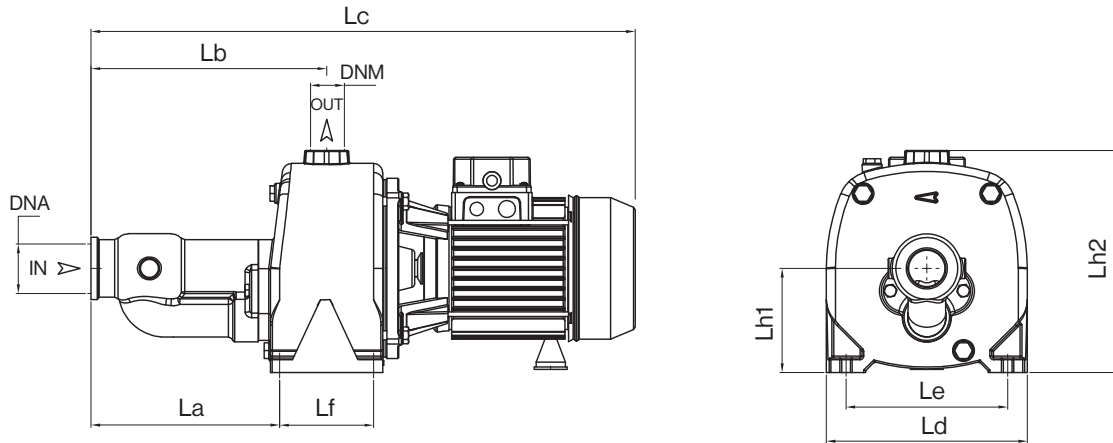






TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)							
1~	3~			1~	3~	1~ 230V	3~ 400V	0	1,2	1,8	3	4,2	5,4	6,6	7,8
		HP	kW	kW		A		H (m)							
								0	20	30	50	70	90	110	130
CAB 150	CABT 150	1,5	1,1	1,8	1,7	8,2	3,6	61,5	57,2	54,7	48,5	40,9	30,8		
CAB 200	CABT 200	2	1,5	2,2	2,1	9,9	4,3	62,8	60,0	58,5	54,7	50,1	44,5	38,7	
CAB 300	CABT 300	3	2,2	2,8	2,6	13,0	5,2	68,4	65,6	64,0	60,7	56,5	51,7	46,4	40,2



CAB



TYPE		DIMENSIONS (mm)														
-1	-3	La	Lb	Lc	Ld	Le	Lf	Lh1	Lh2	DNA	DNM	I	L	M	-1	-3
CAB 150	CABT 150	204	257	626	220	177	105	112	240	1" 1/2 G	1" G	638	230	255	33	34
CAB 200	CABT 200	204	257	626	220	177	105	112	240			638	230	255	32,5	33
CAB 300	-	204	257	696	220	177	105	112	240			777	259	280	42	-
-	CABT 300	204	257	626	220	177	105	112	240			638	230	255	-	34



Multi-stage centrifugal pumps, horizontal and self-priming, particularly suitable for constructing small and medium sized pressurisation systems; able to suck liquids mixed with air.

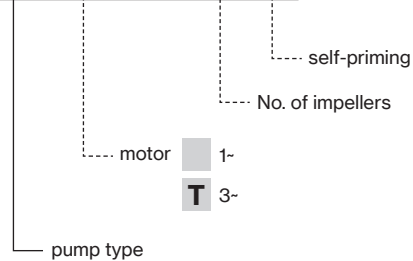
Construction features

Pump body	cast iron
Motor bracket	cast iron
Impeller	Noryl®
Mechanical seal	ceramic-graphite-NBR
Motor shaft	stainless steel AISI 416
Liquid temperature	0 - 50 °C
Operating pressure	max 11 bar

Motor

	3~ 230/400V - 50Hz
2 poles induction motor	1~ 230V - 50Hz (with thermal protection)
Insulation class	F
Protection degree	IPX4

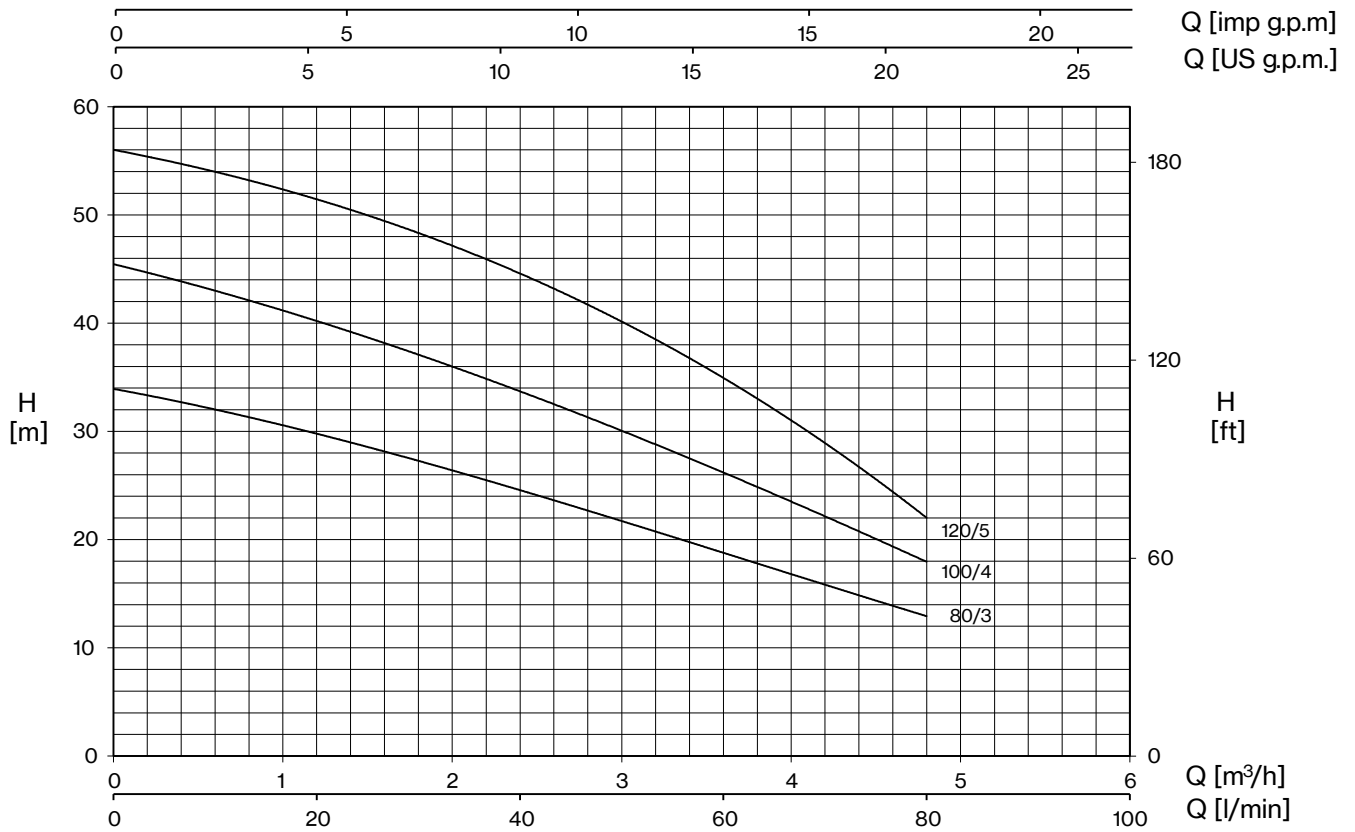
MP T 100 /4 A



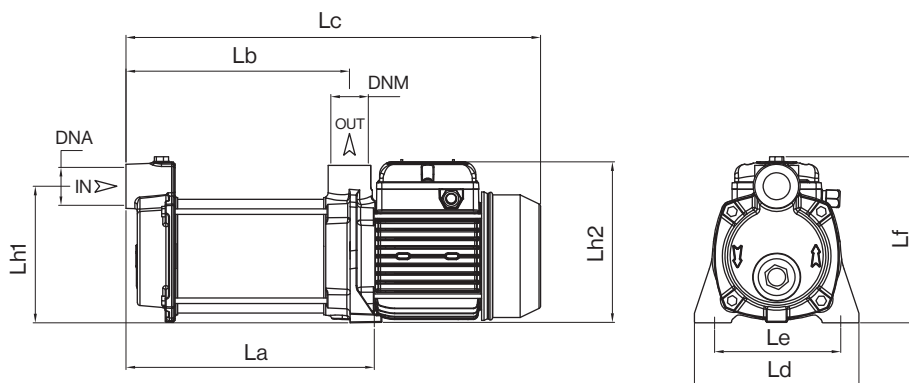
TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
MP/A(T)	80×120×150	48	80×120×190	64



MP/A

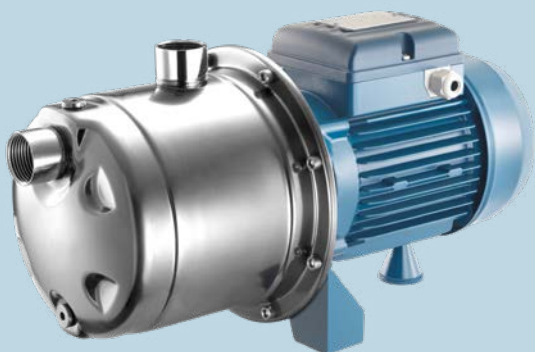


TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)				
1~	3~			1~	3~	1~ 230V	3~ 400V	0	1,2	2,4	3,6	4,8
		HP	kW	kW		A		H (m)				
MP 80/3 A	MPT 80/3 A	0,8	0,59	0,83	0,88	3,8	1,6	34,0	29,5	25,0	18,5	13,0
MP 100/4 A	MPT 100/4 A	1	0,74	1,07	1,1	5,0	1,9	45,5	40,0	34,0	26,0	18,0
MP 120/5 A	MPT 120/5 A	1,2	0,88	1,27	1,33	6,1	2,3	56	51,5	44,5	35,0	22,0



TYPE		DIMENSIONS (mm)													
~1	~3	La	Lb	Lc	Ld	Le	Lf	Lh1	Lh2	DNA	DNM	I	L	M	Kg
MP 80/3 A	MPT 80/3 A	245	224	425	180	140	185	150	175			440	200	215	14
MP 100/4 A	MPT 100/4 A	270	240	450	180	140	185	150	175	1" G	1" G	500	200	215	15,5
MP 120/5 A	MPT 120/5 A	295	264	475	180	140	185	150	175			500	200	215	16





Multi-stage centrifugal pumps, horizontal and self-priming, particularly suitable for constructing small and medium sized pressurisation systems; able to suck liquids mixed with air.

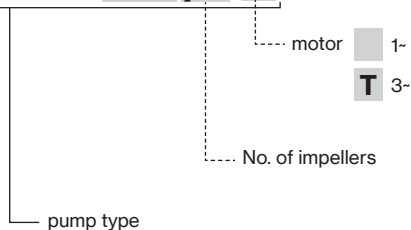
Construction features

Pump body	stainless steel AISI 304
Motor bracket	aluminum
Impeller	Noryl®
Mechanical seal	ceramic-graphite-NBR
Pump shaft	stainless steel AISI 416
Liquid temperature	0 - 50 °C
Operating pressure	max 8 bar

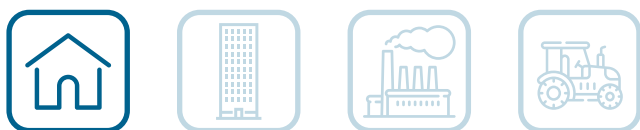
Motor

	3~ 230/400V - 50Hz
2 poles induction motor	1~ 230V - 50Hz (with thermal protection)
Insulation class	F
Protection degree	IPX4

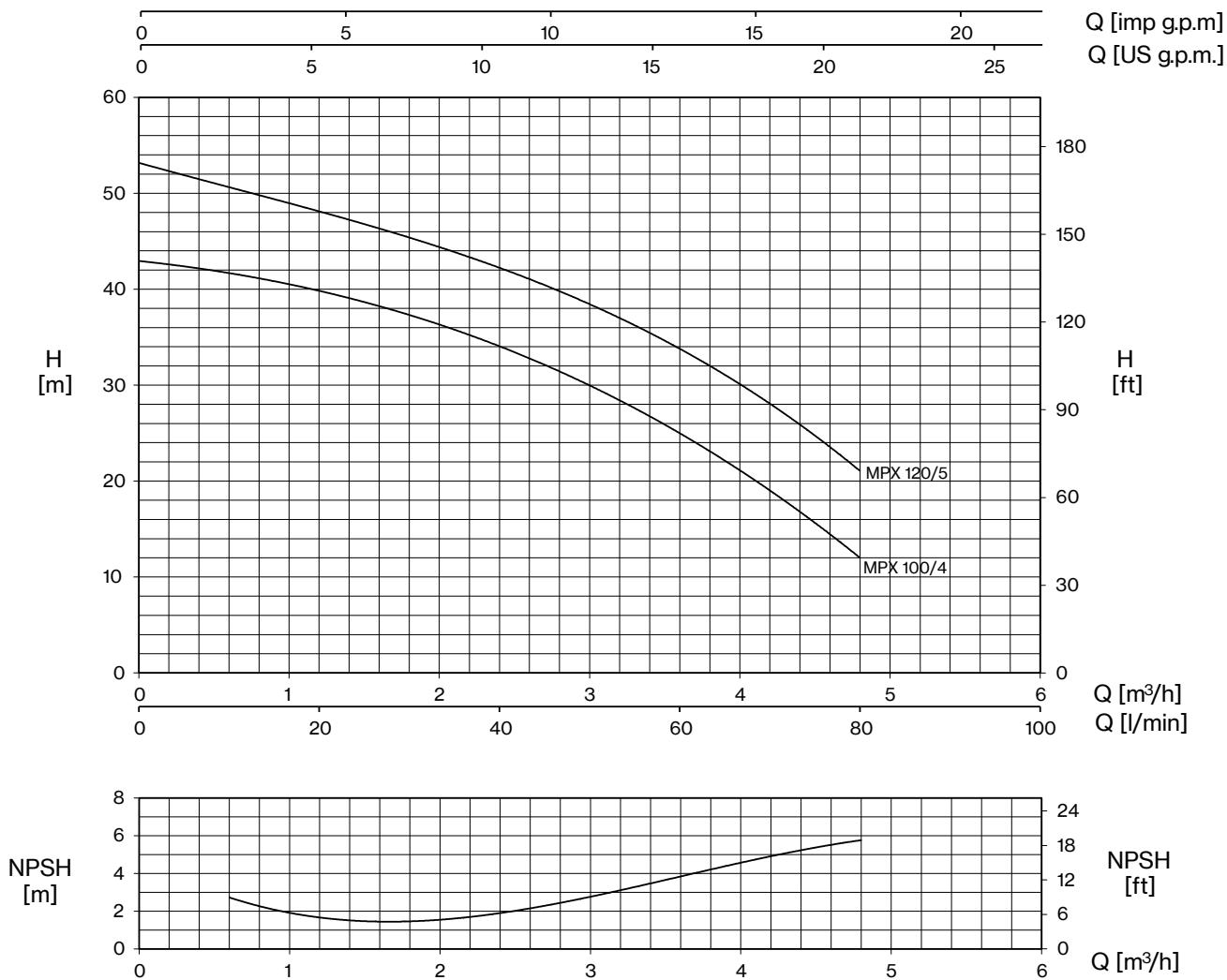
MPX 100 /4 T



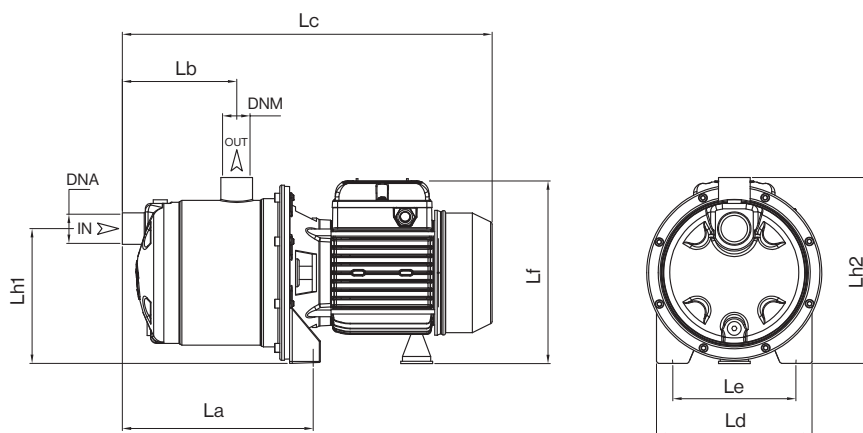
TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
MPX(T)	85×110×170	60	85×110×190	80



MPX



TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)					
1~	3~	HP	kW	1~	3~	1~	3~	0	0,6	1,2	2,4	3,6	4,8
						230V	400V	0	10	20	40	60	80
				kW		A		H (m)					
MPX 100/4	MPXT 100/4	1	0,74	1,07	1,1	5,0	1,9	43,0	41,5	40,0	34,0	25,0	12,0
MPX 120/5	MPXT 120/5	1,2	0,88	1,27	1,33	6,1	2,3	53,0	51,0	48,0	42,0	34,0	21,0



TYPE		DIMENSIONS (mm)													
~1	~3	La	Lb	Lc	Ld	Le	Lf	Lh1	Lh2	DNA	DNM	I	L	M	Kg
MPX 100/4	MPXT 100/4	208	128	410	175	140	215	153	210	1" G	1" G	430	210	235	
MPX 120/5	MPXT 120/5	208	128	410	175	140	215	153	210	1" G	1" G	430	210	235	11,5



MPX GARDEN-BOX

Portable electropumps complete with handle, cable with plug and switch.
The performances depend on adopted pump type.

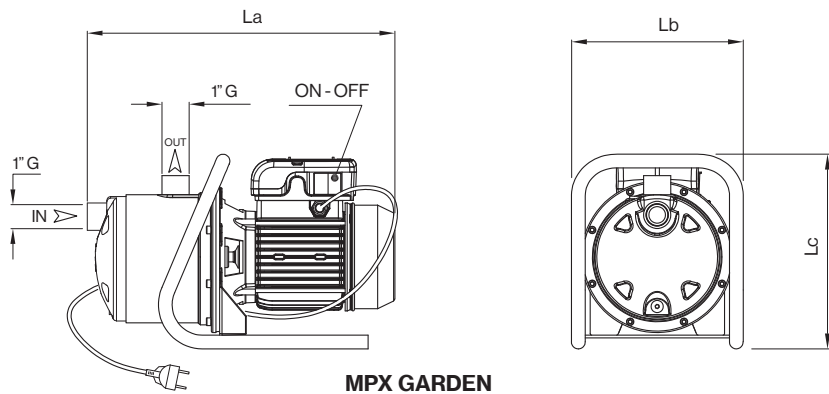


MPX GARDEN

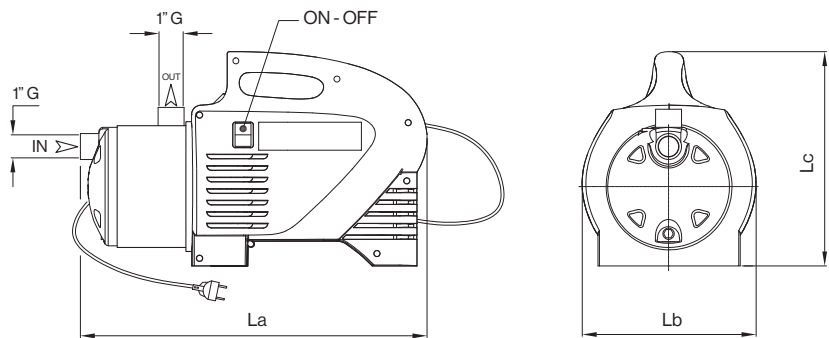


MPX BOX

TYPE - 50 Hz	P2		P1	Pipe		Performance	
	HP	kW	kW	Suction	Delivery	Q (l/min)	H (m)
MPX 100/4 GARDEN-BOX	1	0,74	1,07	1" G	1" G	10,0-80,0	41,5-12,0
MPX 120/5 GARDEN-BOX	1,2	0,88	1,27	1" G	1" G	10,0-80,0	51,0-21,0



MPX GARDEN



MPX BOX

TYPE	DIMENSIONS (mm)		
	La	Lb	Lc
MPX 100/4 GARDEN	410	175	285
MPX 120/5 GARDEN	410	175	285
MPX 100/4 BOX	429	209	287
MPX 120/5 BOX	429	209	287

