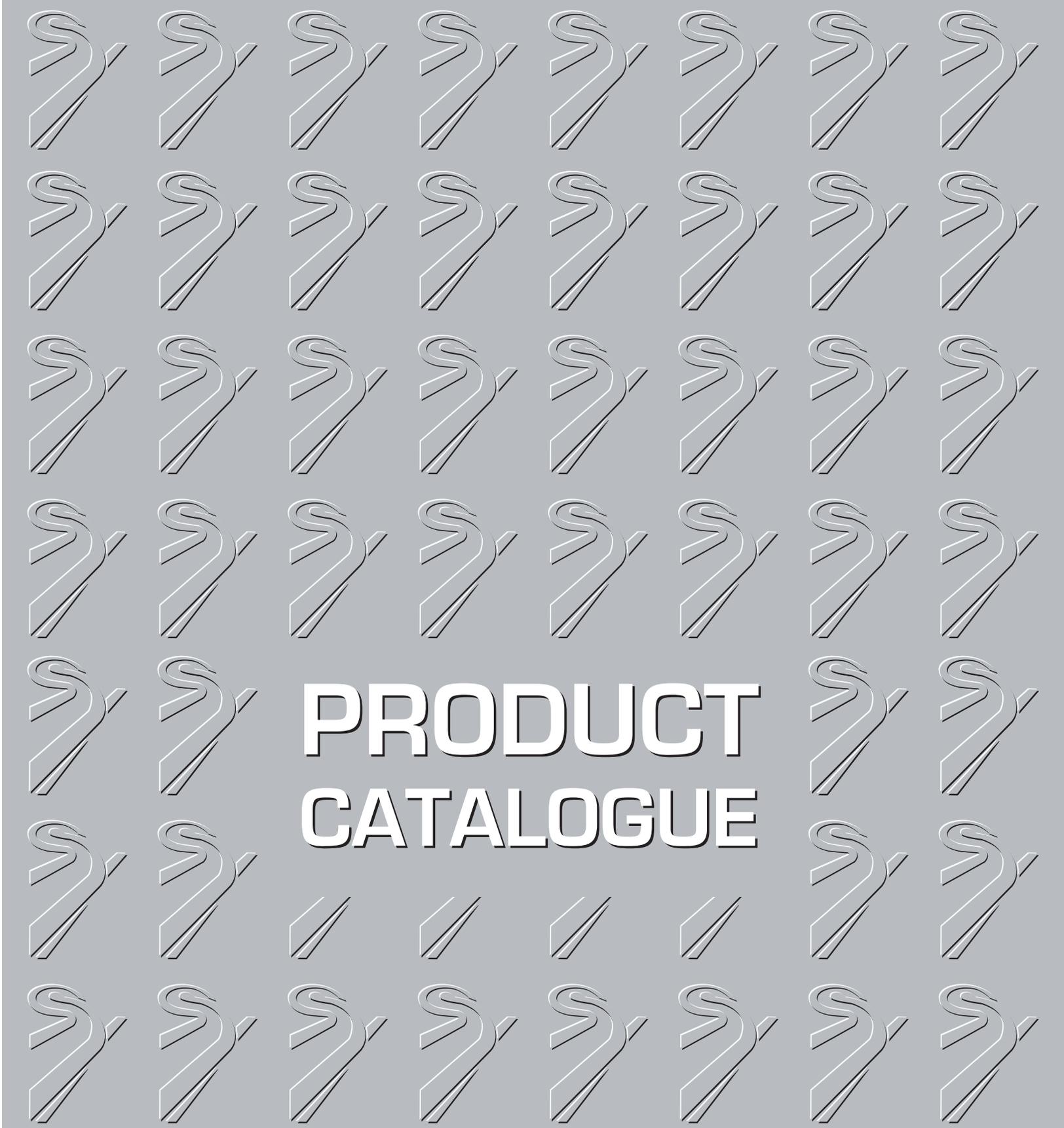


# SALFLO

WATER PUMPS



**PRODUCT  
CATALOGUE**



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# SALFLO

## WATER PUMPS

### PRODUCT CATALOGUE

#### Technical Characteristics

The technical data and the characteristics stated in this General Catalogue are not binding, the manufacturers of SALFLO reserves the right to make modifications without notice. Therefore weights, dimensions, performance and any other stated issues are indicative only and not binding. The distributors of SALFLO take no responsibility for any loss or damage suffered by any person as result of the reliance upon the information contained therein. Note: Pump duty point must always fall within the middle third of the pump operating curve.

### APPLICATION

Volumetric water pumps able to offer high pressures in relation to comparatively low powers and which have particularly steady operating curves. They are qualified in domestic fittings, to increase the system pressure in

aqueducts and for automatic water distribution by small autoclave tanks or by hydrosphere units. For the correct functioning of the pump, use clean water, or non-aggressive liquids only, without sand or other solid impurities.

### MATERIALS

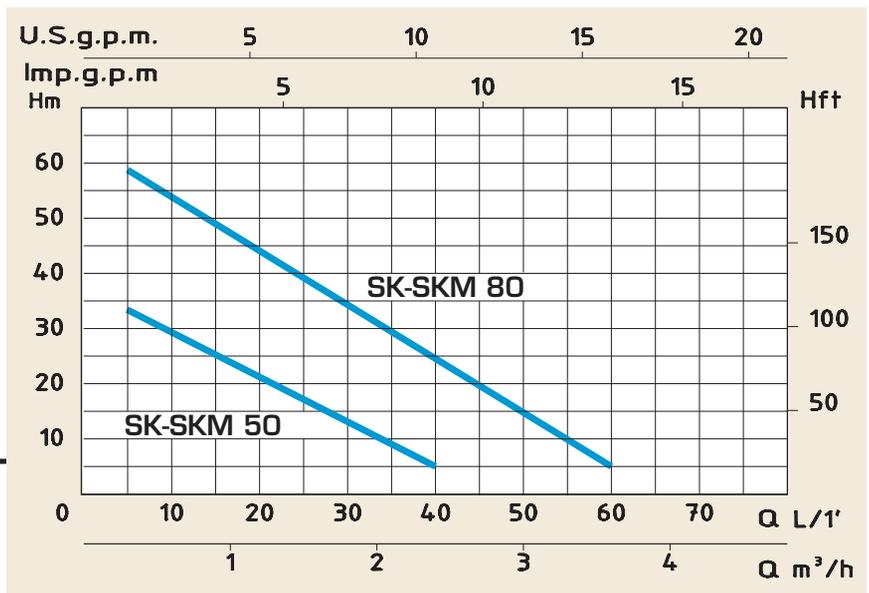
- Pump body                   Cast Iron
- Motor Support            Cast Iron
- Impeller                    Brass
- Shaft with rotor         Stainless/Steel
- Mechanical seal         Carbon/Ceramic

### OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

- Two-Pole induction motor (n = 2850 r.p.m.)
- Insulation Class F
- Protection IP 44



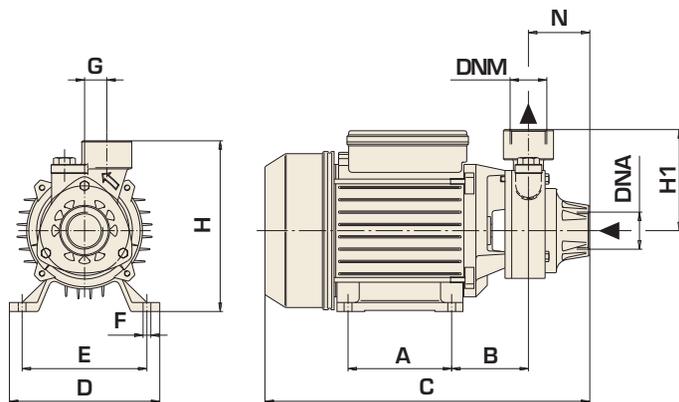
### TECHNICAL DATA

TYPE		NOMINAL POWER P2		INPUT POWER P1	AMPERE		Q = CAPACITY										
Single-phase	Three-phase	HP	kW	kW	Single-phase	Three-phase	m³/h	0,3	0,6	1	1,2	1,5	1,8	2,1	2,4	3	3,6
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V	lt/1'	5	10	16	20	25	30	35	40	50	60
SKM 50	SK 50	0,5	0,37	0,55	2,9	1,3	Total head in meters w.c.										
SKM 80	SK 80	0,8	0,6	0,9	3,8	1,9	H (m)	34	30	25	22	17	13	10			
								59	55	50	45	40	35	30	25	15	

# VOLUMETRIC PUMPS



# SKM



## DIMENSIONS AND WEIGHTS

TYPE		DIMENSIONS mm											DIMENSIONS mm 			Weight	
Single-phase	Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	P	L	H	Kg
SKM 50	SK 50	80	65	255	120	100	7	20	144	81	50	1"	1"	170	285	170	6,5
SKM 80	SK 80	90	70	295	135	112	7	20	161	90	55	1"	1"	175	325	190	9,2

### APPLICATION

Volumetric water pumps able to offer high pressures in relation to comparatively low powers and which have particularly steady operating curves. They are qualified in domestic fittings, to increase the system pressure in

aqueducts and for automatic water distribution by small autoclave tanks or by hydrosphere units. For the correct functioning of the pump, use clean water, or non-aggressive liquids only, without sand or other solid impurities.

### MATERIALS

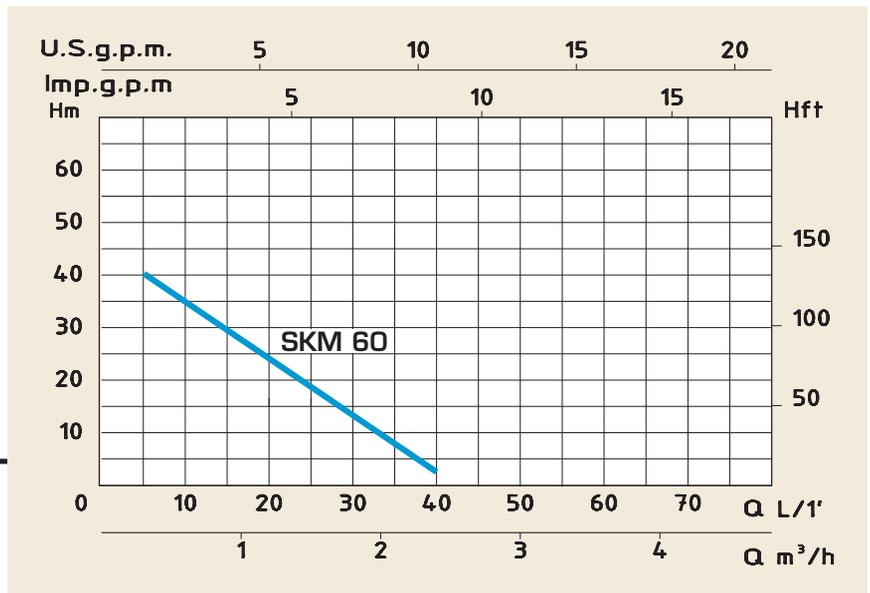
- Pump body                   Cast Iron
- Motor Support            Cast Iron
- Impeller                    Brass
- Shaft with rotor         Stainless/Steel
- Mechanical seal         Carbon/Ceramic

### OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

- Two-Pole induction motor (n = 2850 r.p.m.)
- Insulation Class F
- Protection IP 44



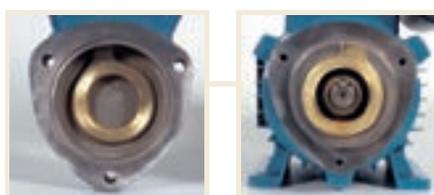
### TECHNICAL DATA

TYPE	NOMINAL POWER P2		INPUT POWER P1	AMPERE	Q = CAPACITY												
	HP	kW	kW		Single - phase	m³/h	0,3	0,6	1	1,2	1,5	1,8	2,1	2,4	3	3,6	
Single - phase				Single - phase	lt/1'	5	10	16	20	25	30	35	40	50	60		
230V-50Hz				1 x 230V	Total head in meters w.c.												
<b>SKM 60</b>	0,6	0,45	0,6	3,1	H (m)	40	35	30	24	18	12	7	2				

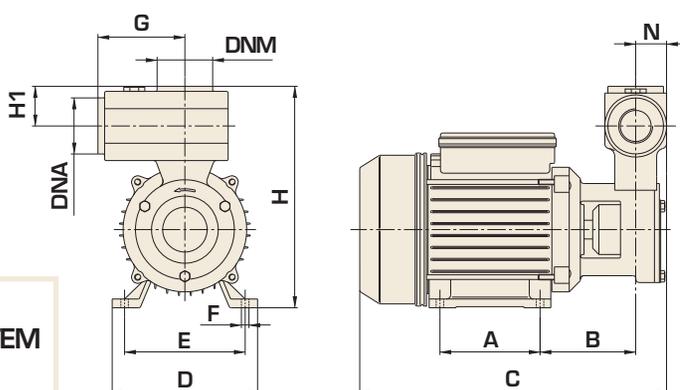
# VOLUMETRIC PUMPS



# SKM



- SKM**
- NO BLOCK SYSTEM
  - SELFPRIMING



## DIMENSIONS AND WEIGHTS

TYPE	DIMENSIONS mm												DIMENSIONS mm 			Weight Kg	
	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	P	L	H		
Single - phase																	
<b>SKM 60</b>	80	65	240	120	100	7	115	190	40	40	1"	1"	170	260	215	7,5	

## APPLICATION

Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to mt. 8 depth and

work perfectly even in soda-water. Suitable for water lifting and distribution in domestic fittings by small and medium sized tanks.

## MATERIALS

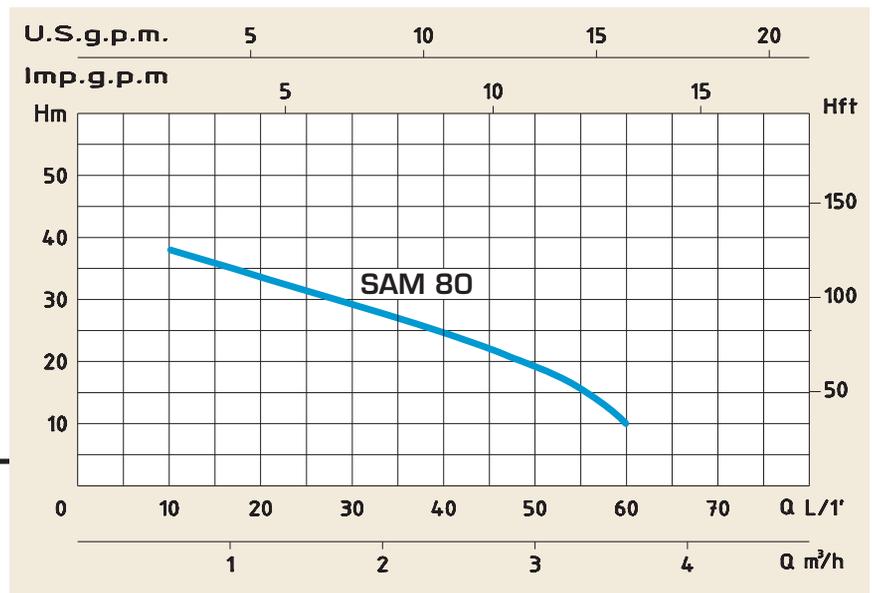
- Pump body Cast Iron
- Motor Support Aluminium
- Impeller Noryl
- Diffuser Noryl
- Pump flange Stainless Steel
- Shaft with rotor Stainless Steel
- Mechanical seal Carbon/Ceramic

## OPERATING CONDITIONS

- Max. working pressure 6 bar
- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift upto 8 mt.
- Continuous duty

## MOTOR

- Two-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP 44



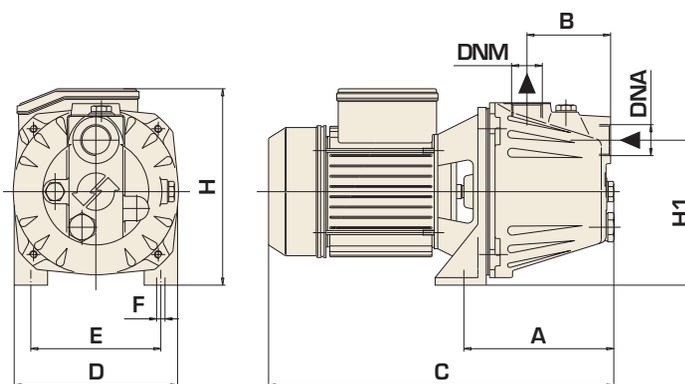
## TECHNICAL DATA

TYPE	NOMINAL POWER P2		INPUT POWER P1	AMPERE	Q = CAPACITY										
	HP	kW			kW	Total head in meters w.c.									
Single-phase				Single-phase	m <sup>3</sup> /h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,6
230V-50Hz				1 x 230V	lt/1'	10	15	20	25	30	35	40	45	50	60
<b>SAM 80</b>	0,8	0,6	0,8	3,8	H (m)	38	36	34	32	29	27	25	22	19	

## SELFPRIMING PUMPS



# SAM



### DIMENSIONS AND WEIGHTS

TYPE	DIMENSIONS mm										DIMENSIONS mm 			Weight Kg
	A	B	C	D	E	F	H	H1	DNA	DNM	P	L	H	
Single-phase														
<b>SAM 80</b>	150	77	328	162	126	9	193	123	1"	1"	180	350	200	9

## APPLICATION

Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to 8 mt. depth and work perfectly even in soda-water.

Suitable for water lifting and distribution in domestic fittings by small and medium sized tanks.



## MATERIALS

- |                    |                 |
|--------------------|-----------------|
| - Pump body        | Cast Iron       |
| - Motor Support    | Aluminium       |
| - Impeller         | Inox            |
| - Diffuser         | Noryl           |
| - Pump flange      | Stainless Steel |
| - Shaft with rotor | Stainless Steel |
| - Mechanical seal  | Carbon/Ceramic  |

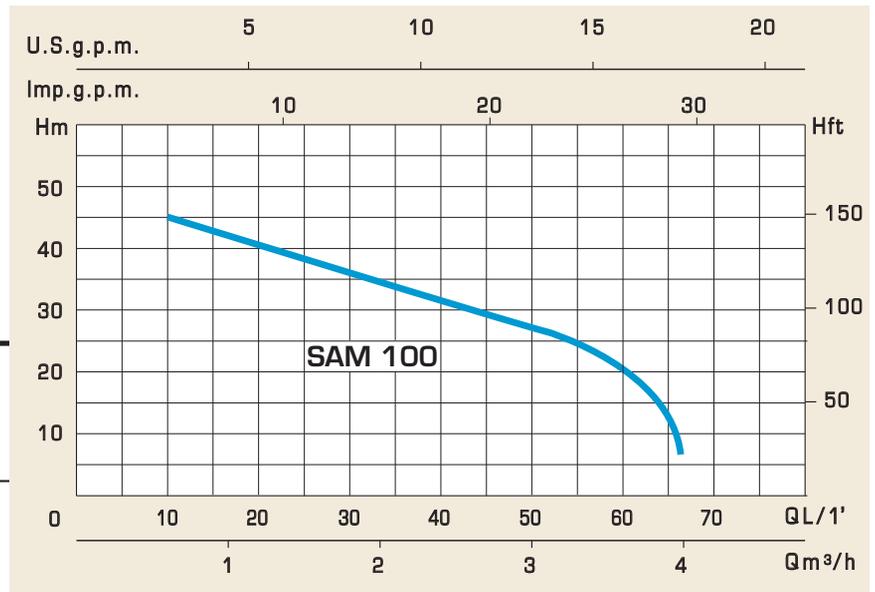
# SAM 100/ECO

## OPERATING CONDITIONS

- Max. working pressure 8 bar
- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

## MOTOR

- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44



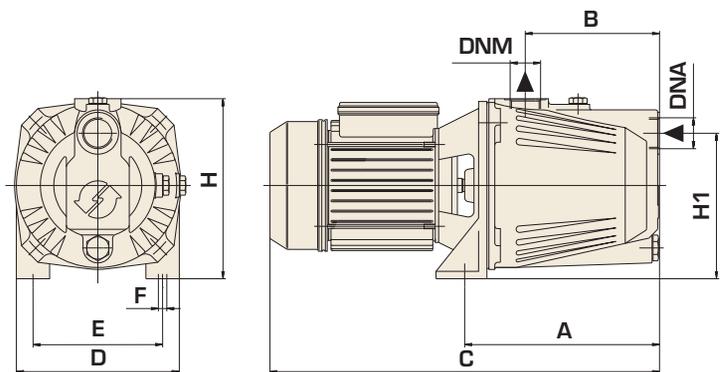
## TECHNICAL DATA

TIPO - TYPE	NOMINAL POWER P2		INPUT POWER P1	AMPERE	Q = CAPACITY											
	HP	KW	KW		Single-phase	m³/h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,6
Single-phase				Single-phase	lt/1'	10	15	20	25	30	35	40	45	50	60	
230V-50Hz				1 x 230V	Total head in meters w.c.											
<b>SAM 100</b>	1	0,75	1,1	5	H (m)	45	43	40	38	35	33	30	29	26	22	

## SELFPRIMING JET PUMPS



# SAM



### DIMENSIONS AND WEIGHTS

TYPE	DIMENSIONS mm										DIMENSIONS mm 			Weight Kg	
	A	B	C	D	E	F	H	H1	DNA	DNM	P	L	H		
Single-phase															
<b>SAM 100</b>	211	145	421	176	140	9	194	156	1"	1"	200	450	210	15	

### APPLICATION

Selfpriming twin-impeller water pumps with ejector for suction up to 8-9 mt. A suction up to 35 mt. depth can be allowed by taking the ejector down and connecting it to the pump by means

of a double hose and a foot valve. Suitable for civil and industrial purposes and to drain clean and soda water and non-aggressive liquids.

### MATERIALS

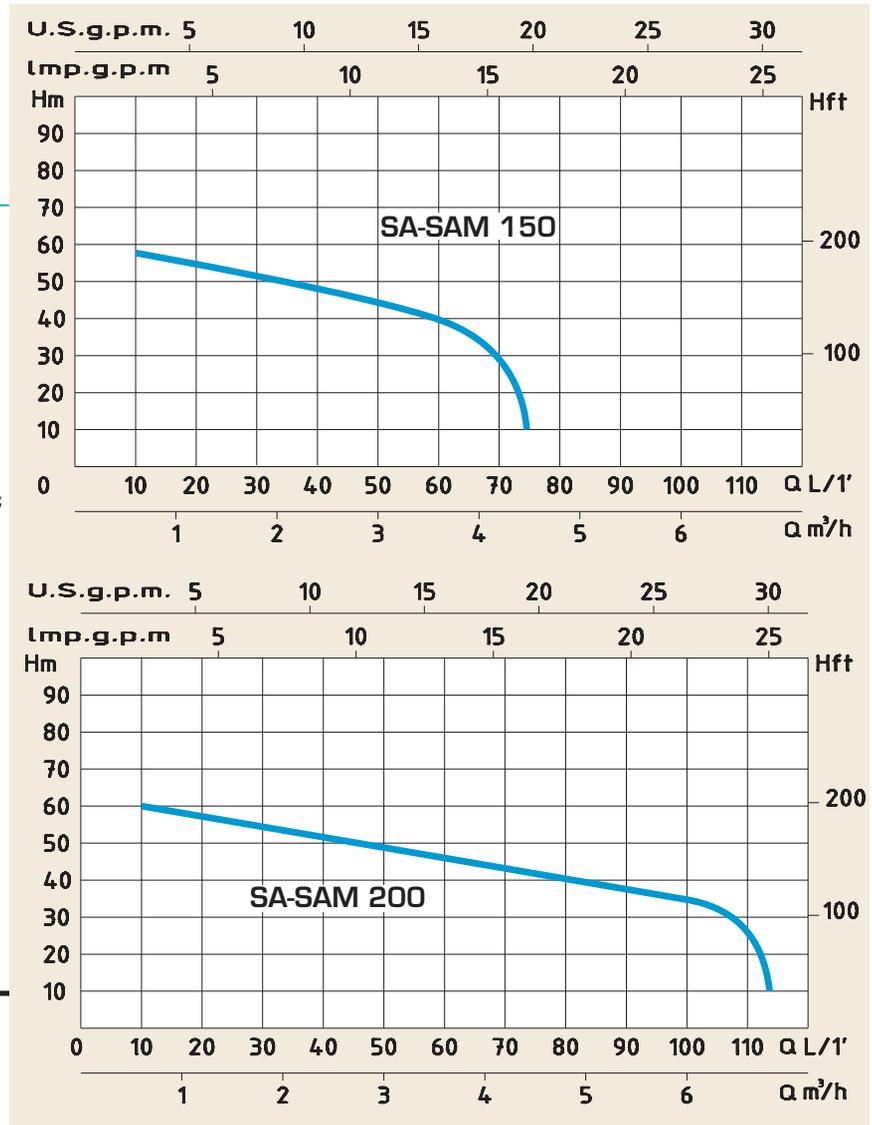
- Pump body Cast Iron
- Motor Support Cast Iron
- Impeller Noryl
- Diffuser Noryl
- Ejector Cast Iron
- Shaft with rotor Stainless Steel
- Mechanical seal Carbon/Ceramic

### OPERATING CONDITIONS

- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 9 mt.
- Continuous duty

### MOTOR

- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44



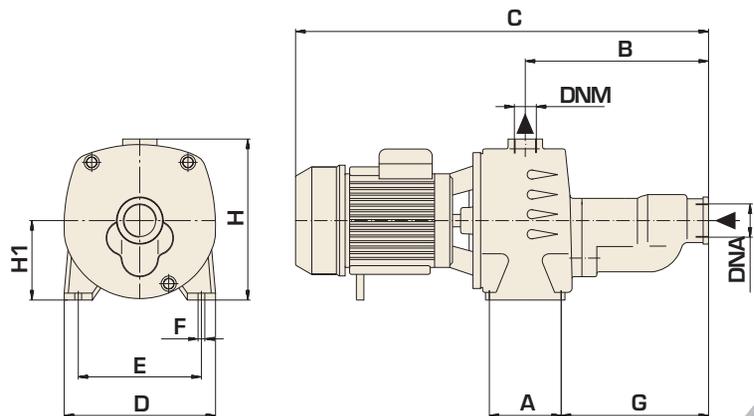
### TECHNICAL DATA

TYPE		NOMINAL POWER P2		INPUT POWER P1	AMPERE		Q = CAPACITY										
Single-phase	Three-phase	HP	kW	kW	Single-phase	Three-phase	m³/h	0,	1,2	1,8	2,4	3	3,6	4,2	4,8	5,4	6
					1 x 230V	3 x 400V	lt/1'	6	20	30	40	50	60	70	80	90	100
230V-50Hz	230/400V-50Hz						Total head in meters w.c.										
<b>SAM 150</b>	<b>SA 150</b>	1,5	1,1	1,5	7	3	H	58	55	51	47	42	40	35			
<b>SAM 200</b>	<b>SA 200</b>	2	1,5	2	9,3	4,2	(m)	60	57	53	50	47	45	44	40	38	35

## TWIN IMPELLER SELFPRIMING PUMPS



# SAM



### DIMENSIONS AND WEIGHTS

TYPE		DIMENSIONS mm										DIMENSIONS mm 			Weight	
Monofase Single-phase	Trifase Three-phase	A	B	C	D	E	F	G	H	H1	DNA	DNM	P	L	H	Kg
<b>SAM 150</b>	<b>SA 150</b>	104	265	605	220	172	10	212	240	115	1" 1/2	1"	235	615	275	28
<b>SAM 200</b>	<b>SA 200</b>	104	265	605	220	172	10	212	240	115	1" 1/2	1"	235	615	275	29

### APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution

through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.

### MATERIALS

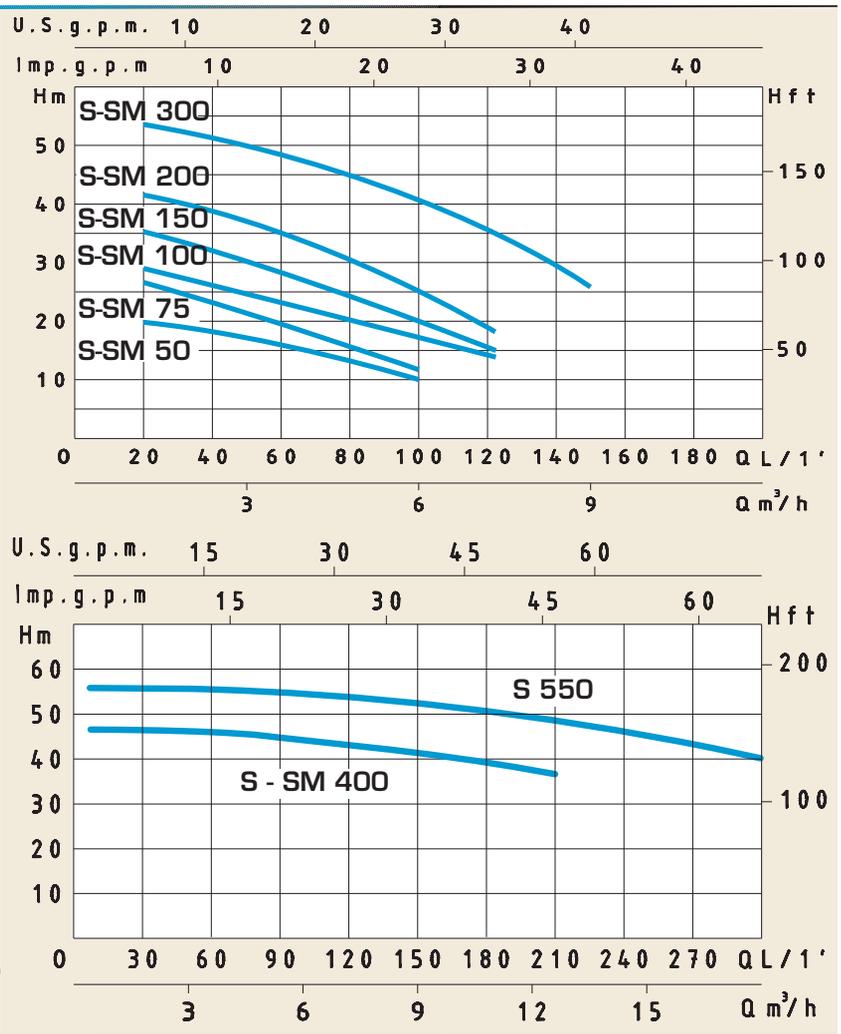
- Pump body Cast Iron
- Motor Support Cast Iron (S-SM100-150-200-300-400-550)
- Motor Support Aluminium (S-SM50-75)
- Impeller Noryl (S-SM50-75)
- Impeller Stainless Steel (S-SM100)
- Impeller Brass (S-SM150-200-300)
- Shaft with rotor Stainless Steel
- Mechanical seal Carbon/Ceramic
- Mechanical seal Carbon/Graphite (S-SM 400-550)

### OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

- Two-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP 44



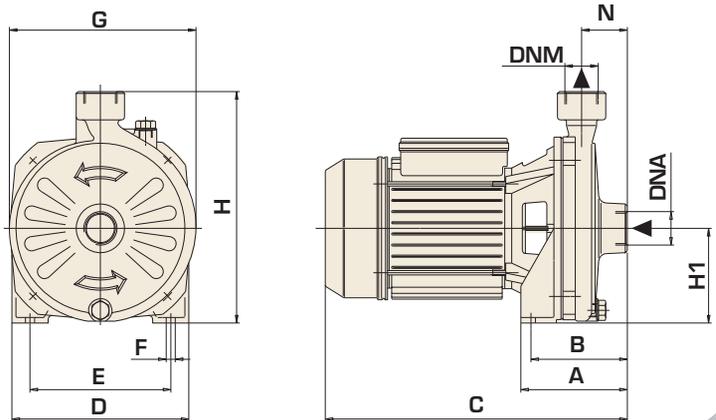
### TECHNICAL DATA

TYPE		NOMINAL POWER P2		INPUT POWER P1	AMPERE		Q = CAPACITY										
Single-phase	Three-phase	HP	kW	kW	Single-phase	Three-phase	m³/h	0,6	1,2	2,7	3,6	5,4	6	7,5	9	12	18
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V	lt./1'	10	20	45	60	90	100	125	150	200	300
SM 50	S 50	0,5	0,37	0,65	2,8	1,2	Total head in meters w.c.										
SM 75	S 75	0,75	0,55	0,9	4	1,7	20	18	17	16	12	10					
SM 100	S 100	1	0,75	1,2	5,5	2,3	27	25	20	18	14	12					
SM 150	S 150	1,5	1,1	1,6	7,5	3,1	29	28	26	23	20	18	14				
SM 200	S 200	2	1,5	2	9,3	4,2	36	33	30	28	24	22	15				
SM 300	S 300	3	2,2	3,3	14,5	5,9	43	42	37	35	27	25	18				
SM 400	S 400	4	3	4,6	21	7,6	54	53	50	48	45	42	36	26			
	S 550	5,5	4	5,2		9,6	47	46	45	44	43,5	43	42	41	38		
							57	56	55,5	55	54,5	54	53	52	50	40	

## SINGLE IMPELLER CENTRIFUGAL PUMPS



# SM



### DIMENSIONS AND WEIGHTS

TYPE		DIMENSIONS mm											DIMENSIONS mm			Weight	
Single-phase	Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	P	L	H	Kg
SM 50	S 50	100	90	260	162	126	9	164	205	83	47	1"	1"	180	300	250	8
SM 75	S 75	108	98	300	176	140	9	186	229	94	50	1"	1"	195	340	250	9,2
SM 100	S 100	108	98	300	176	140	9	186	229	94	50	1"	1"	195	340	250	11,8
SM 150	S 150	138	118	365	215	175	12	222	305	125	48	1 1/4"	1"	195	340	250	22,6
SM 200	S 200	138	118	365	215	175	12	222	305	125	48	1 1/4"	1"	240	390	360	23,2
SM 300	S 300	138	118	415	215	175	12	222	305	125	48	1 1/4"	1"	240	440	360	27
SM 400	S 400	120	108	425	240	190	12	250	323	133	58	2"	1 1/4"	270	440	360	40
	S 550	120	108	425	240	190	12	250	323	133	58	2"	1 1/4"	270	440	360	42

## APPLICATION

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main feature are the two opposite impellers which allow higher lifts than in the single-impeller model.

They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.

## MATERIALS

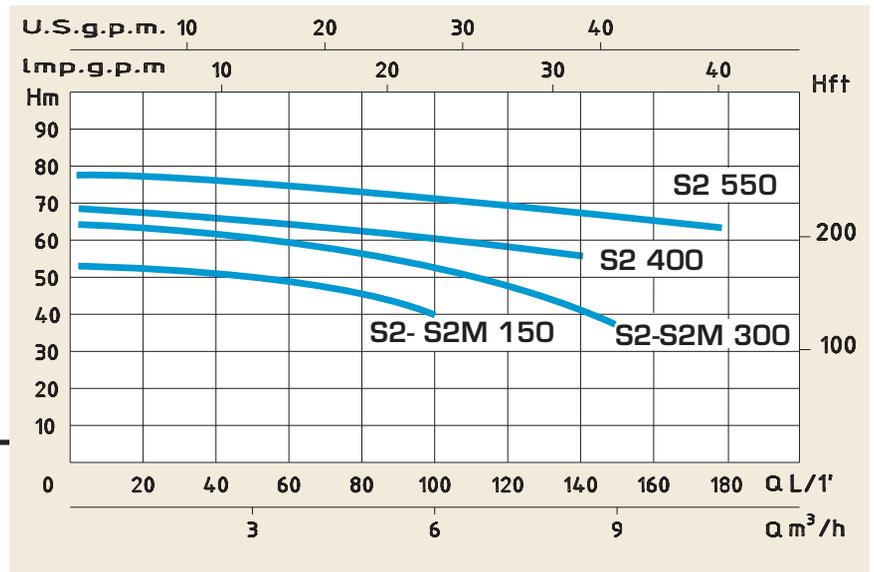
- Pump body                   Cast Iron
- Motor Support            Cast Iron
- Impeller                    Brass
- Shaft with rotor         Stainless Steel
- Mechanical seal         Carbon/Ceramic

## OPERATING CONDITIONS

- Max. working pressure 10 bar
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

## MOTORS

- Two-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP 44



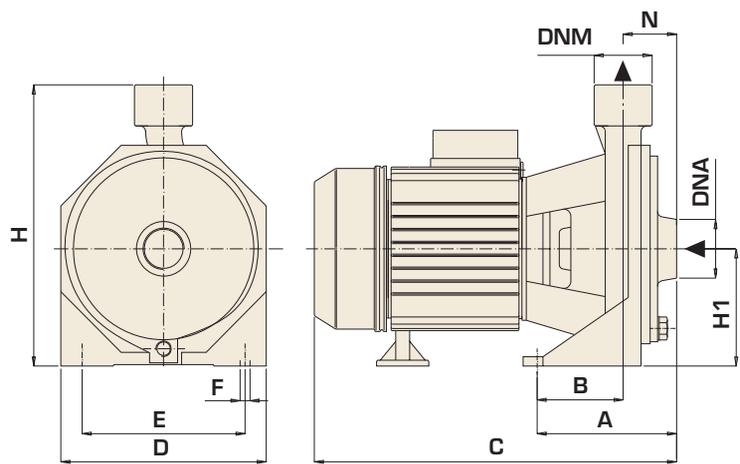
## TECHNICAL DATA

TYPE		NOMINAL POWER P2		INPUT POWER P1	AMPERE		Q = CAPACITY												
Single-phase	Three-phase	HP	kW	kW	Single-phase	Three-phase	m³/h	0	1,5	3	6	9	12	15	18	24	30		
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V	lt/'	0	25	50	100	150	200	250	300	400	500		
		Total head in meters w.c.																	
<b>S2M 150</b>	<b>S2 150</b>	1,5	1,1	2,3	10,2	4,1	H (m)	53	51	49	40								
<b>S2M 300</b>	<b>S2 300</b>	3	2,2	2,8		5,2		64	62	60	50	37							
	<b>S2 400</b>	4	3	4,6		7,6		67	64	63	58,5	52	44						
	<b>S2 550</b>	5,5	4	5,6		9,5		78,5	77	76	72	66	59						

## TWIN IMPELLER CENTRIFUGAL PUMPS



# S2M



### DIMENSIONS AND WEIGHTS

TYPE		DIMENSIONS mm											DIMENSIONS mm			Weight
Single-phase	Three-phase	A	B	C	D	E	F	H	H1	N	DNA	DNM	P	L	H	Kg
S2M 150	S2 150	115	34	385	210	170	9,5	265	110	81	1"¼	1"	230	400	280	23
S2M 300	S2 300	115	34	385	210	170	9,5	265	110	81	1"¼	1"	230	400	280	26
	S2 400	145	50	463	266	212	12	305	135	95,5	1"½	1"¼	275	500	350	41
	S2 550	145	50	463	266	212	12	305	135	95,5	1"½	1"¼	275	500	350	45

### APPLICATION

Centrifugal single impeller low head water pumps for flow irrigation systems with high flow rates. Suitable to pump clean water or non-aggressive liquids

charged with small solid impurities. To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.

### MATERIALS

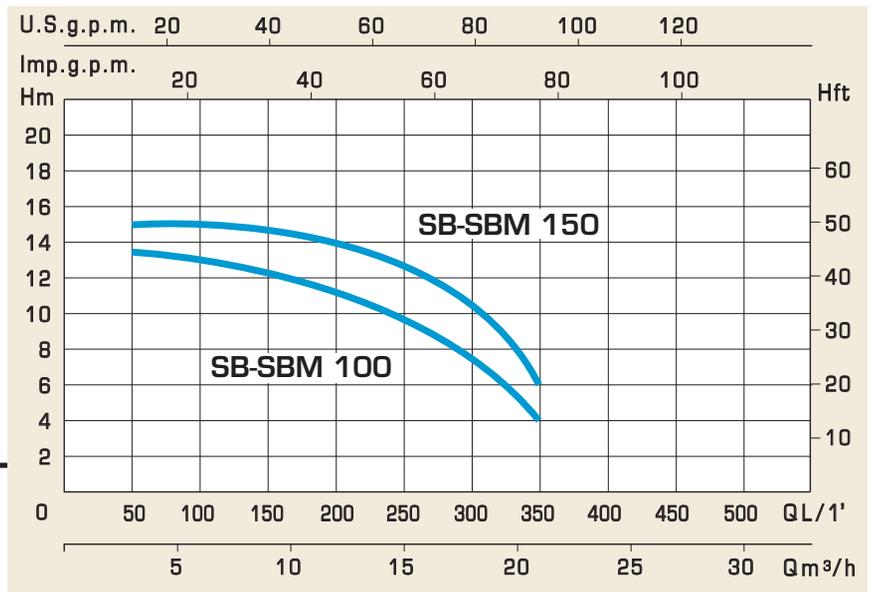
- Pump body           Cast Iron
- Motor Support       Cast Iron
- Impeller             Cast Iron
- Shaft with rotor     Stainless Steel
- Mechanical seal     Carbon/Ceramic

### OPERATING CONDITIONS

- Max. working pressure 6 bar
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

- Two-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP 44



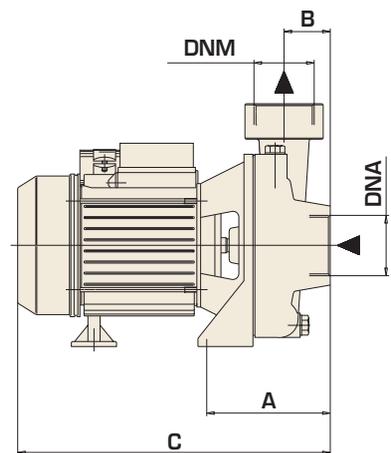
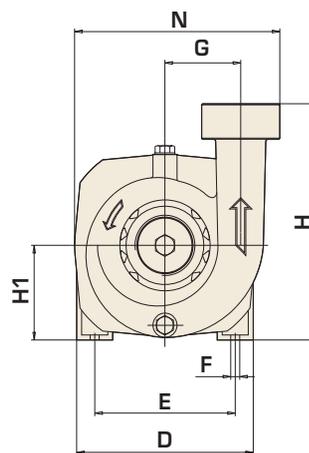
### TECHNICAL DATA

TYPE		NOMINAL POWER			INPUT POWER		AMPERE		Q = CAPACITY									
Single-phase	Three-phase	P2		P1	Single-phase	Three-phase	m³/h	3	6	9	12	15	18	21	24	27	30	
		HP	kW															kW
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V	Total head in meters w.c.											
<b>SBM 100</b>	<b>SB 100</b>	1	0,75	1,1	5,3	2,2	H	13	12,8	12,2	11,5	10	7	4				
<b>SBM 150</b>	<b>SB 150</b>	1,5	1,1	1,8	6,8	3	(m)	15	14,8	14,3	14	13	10,2	6				

## CENTRIFUGAL IRRIGATION PUMPS



# SBM



### DIMENSIONS AND WEIGHTS

TYPE		DIMENSIONS mm											DIMENSIONS mm 			Weight	
Single-phase	Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	P	L	H	Kg
SBM 100	SB 100	125	45	310	176	140	9	80	240	94	205	2"	2"	230	355	280	16
SBM 150	SB 150	125	45	310	176	140	9	80	240	94	205	2"	2"	230	355	280	17

## APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, built to DIN 24255 - NF E 44-III - UNI 7467 standards, with connection to the motor by means of a support unit. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids.

These systems can be installed in any position, provided the inlet opening faces upwards, and, thanks to their special design - which allows back pull

out of the motor and the rotary parts of the pump and subsequent re-assembly without having to remove the pump body and the pipes connected to it - can be easily and conveniently used for a wide variety of applications in civil, agricultural, industrial or general plant uses.

Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.

## TECHNICAL DATA

TYPE	INPUT POWER P1		NOMINAL POWER P2		AMPERE	Q = CAPACITY									
	kW	HP	kW	Three-phase	0	6	7,5	9	12	15	18	21	24	27	
				3 x 400V	0	100	125	150	200	250	300	350	400	450	
					Total head in meters w.c.										
SL 32-160 C	2,5	2	1,5	4,8	25,5	25,3	25	24	23	21,5	20	18	15,5		
SL 32-160 B	3	3	2,2	5,7	28,8	28,5	28	27	26	24,5	23	21,5	18,5		
SL 32-160 A	4,3	4	3	7	36,5	36	35,5	34,5	33	31,5	30	28,5	26		
SL 32-200 C	5,7	5,5	4	8,8	40,7	40,5	40	39,5	39	38	36,5	35	33		
SL 32-200 B	8,6	7,5	5,5	14	55,7	55,5	55	54,5	54	53	51,5	50	48		
SL 32-200 A	9,5	10	7,5	15	60,7	60,5	60	59,5	58,5	57	55,5	54	52		
SL 32-250 C	11,5	12,5	9,2	18,5		70	69,5	68,5	67,5	66	64,5	62,5	59,5		
SL 32-250 B	13,5	15	11	21,5		81	80,5	79,5	78,5	77	75,5	73,5	71		
SL 32-250 A	15,5	20	15	25		90,5	90	89,5	89	87,5	86	84	81,5		
SL 40-160 B	4,8	4	3	7,5				32,7	32,5	32,3	32	31,5	30,5	29,5	
SL 40-160 A	5,7	5,5	4	8,8				36,2	36	35,8	35,5	35	34	33	
SL 40-200 B	8,6	7,5	5,5	14				46,5	46	45,5	45	44,5	43,5	42,5	
SL 40-200 A	11	10	7,5	18				56	55,5	55	54,5	54	53	52	
SL 40-250 B	16	15	11	22,5				74	73,9	73,8	73,7	73,5	73	72	
SL 40-250 A	20	20	15	29				91,5	91,4	91,3	91,2	91	90,5	90	
SL 50-160 C	5,7	5,5	4	8,8								29,5	29,2	28,8	
SL 50-160 B	8,2	7,5	5,5	13,2								37	36,8	36,5	
SL 50-160 A	9,5	10	7,5	15								40	39,8	39,5	
SL 50-200 C	11,5	12,5	9,2	18,5									48,7	48,5	
SL 50-200 B	13	15	11	21									52,7	52,5	
SL 50-200 A	17,5	20	15	28									64,5	64	
SL 50-250 C	20	20	15	32										71,3	
SL 50-250 B	23	25	18,5	36,5										80,8	
SL 50-250 A	27	30	22,5	43										90	
SL 65-160 B	13	15	11	21											
SL 65-200 B	23	25	18,5	36,5											
SL 65-200 A	27	30	22,5	43											
SL 80-160 A	22	30	22,5	35											
SL 80-200 B	33,5	40	30	54											

# MONOBLOCK CENTRIFUGAL PUMPS

# SL



### Q = CAPACITY

30	33	36	39	42	48	54	60	66	72	78	84	96	108	120	132	144	156	168	180	195	210	225	240
500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600	2800	3000	3250	3500	3750	4000

Total head in meters w.c.

15,5																								
23,5																								
31,5	29	26																						
46,5	44,5	42,5																						
49,5	47,5	45,5																						
56	51	45																						
67,5	63,5	58																						
78	74	68,5																						
28	27	25,5	23	21																				
32	31	29,5	28	26	22																			
41,5	40,5	39,5	38,5	37	34,5	31,5																		
51	50	49	48	46,5	44	40,5	37																	
71	70	68,5	67	65,5	61,5																			
89	88	87	85,5	83,5	79,5																			
28,3	27,8	27,1	26,4	25,6	24	22,5	20,5	18	15,5															
36	35,5	35	34,5	34	32	30,5	28,5	26	23,5	20,5														
39	38,5	38	37,5	37	35	33,5	31,5	29	26,5	23														
48,2	47,8	47,5	47	46,5	45	43,5	42	39,5	37	33														
52,2	51,7	51,2	50,7	50,2	49,2	48	46	43,5	41	38														
63,5	63	62,5	62	61,5	60,5	59,5	58	56,5	54,5	51,5														
71	70,5	70	69,5	68,5	67	65	63	61	58	54														
80,5	80	79,5	79	78,5	77	75	73	70,5	68	65														
89,7	89,3	89	88,5	88	86,5	85	83	81	79	71														
				35,5	35	34,8	34,5	34	33,5	33	32,5	31	29	26,5	24	20								
					52,5	52	51,5	51	50,5	50	49	47	45	43	40	36								
					60,5	60	59,5	59	58,5	58	57,5	56	54,5	52,5	49,5	45,5								
									38,6	38,5	38,2	38	37,7	37	36,2	35,3	34,2	33	31,6	30	27,8	25	22	
									54,1	54	53,8	53,6	53,1	52,2	51,3	50,4	49,2	47,7	46,2	44,2	41,2	38	33,6	28,5

**MATERIALS**

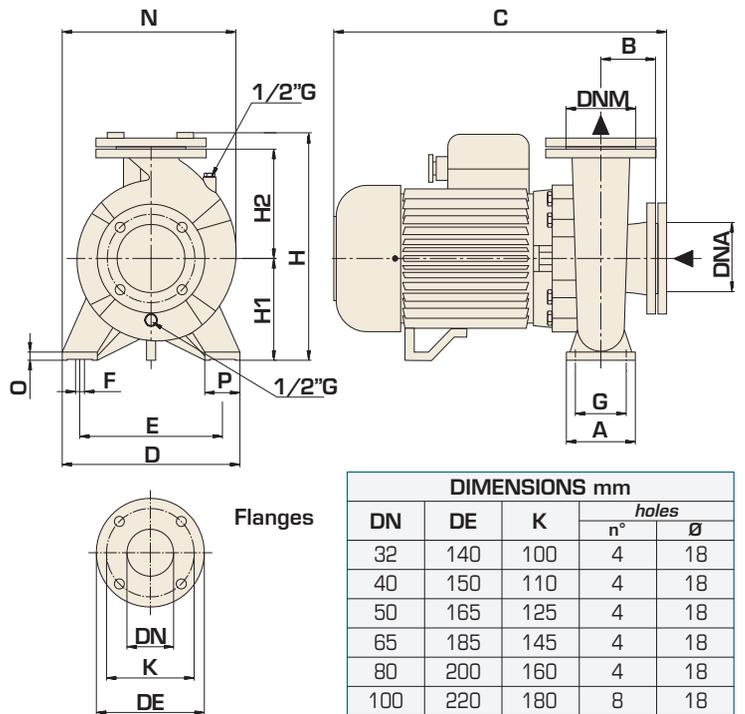
- Pump body in Cast Iron, dimensioned to DIN 24255 - NF E 44-III - UNI 7467 standards, with flanged inlet and delivery openings (to UNI 2238 PN 10 standards) and threaded counter-flanges;
- Pump body-motor support in cast iron;
- Impeller in cast iron;
- Shaft in stainless steel;
- Mechanical Seal;

**OPERATING CONDITIONS**

- Max. working pressure 10 bar
- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

**MOTOR**

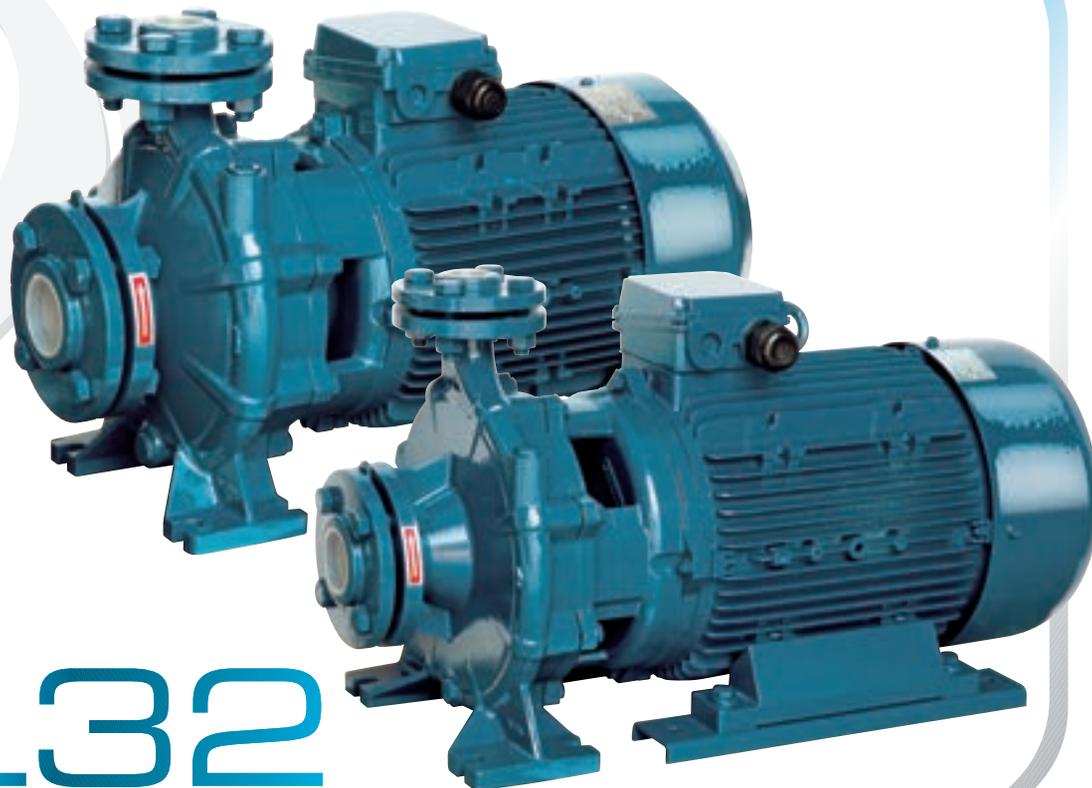
- Two-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP 44
- IEC 34 construction standard



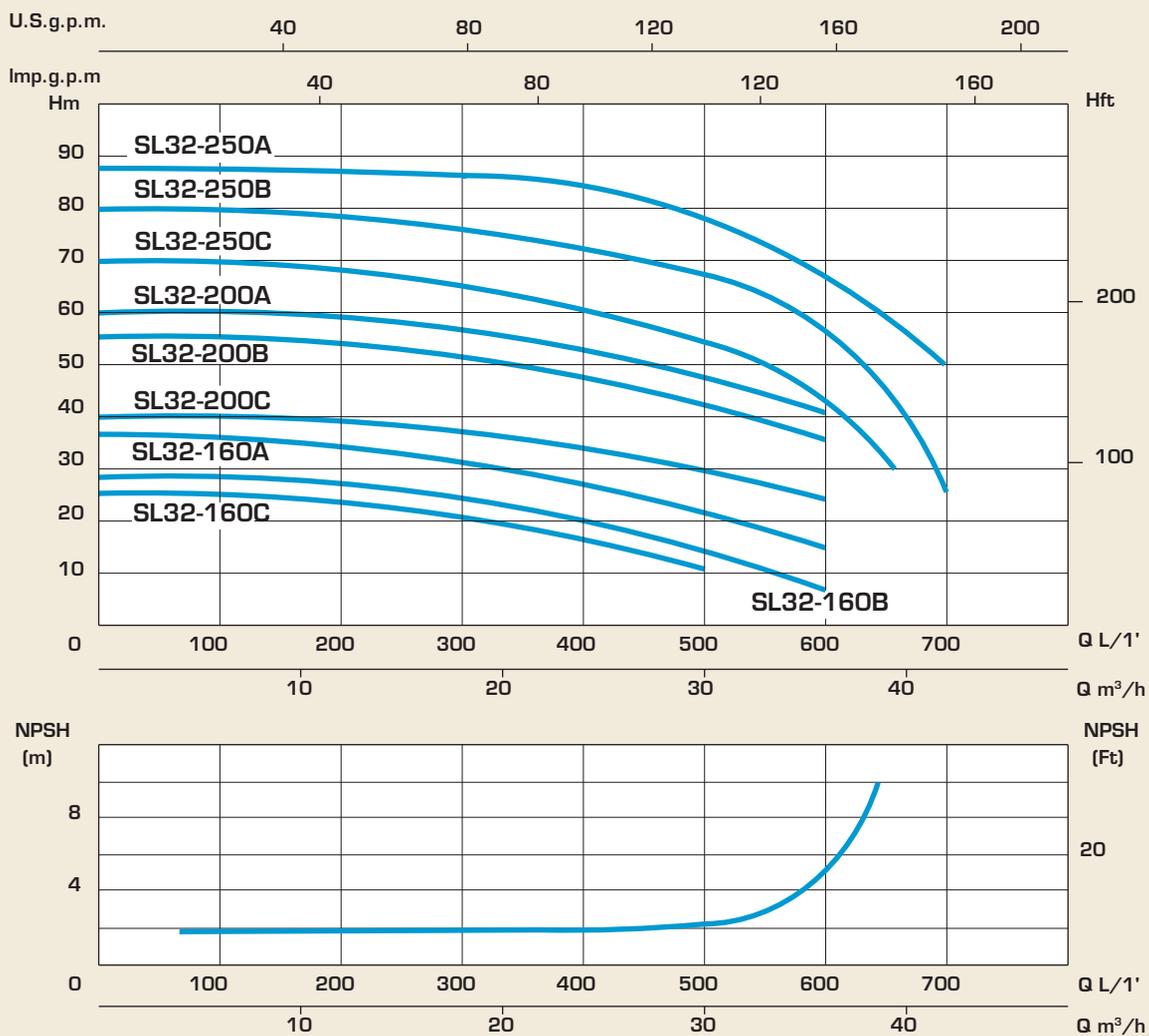
**DIMENSIONS AND WEIGHTS**

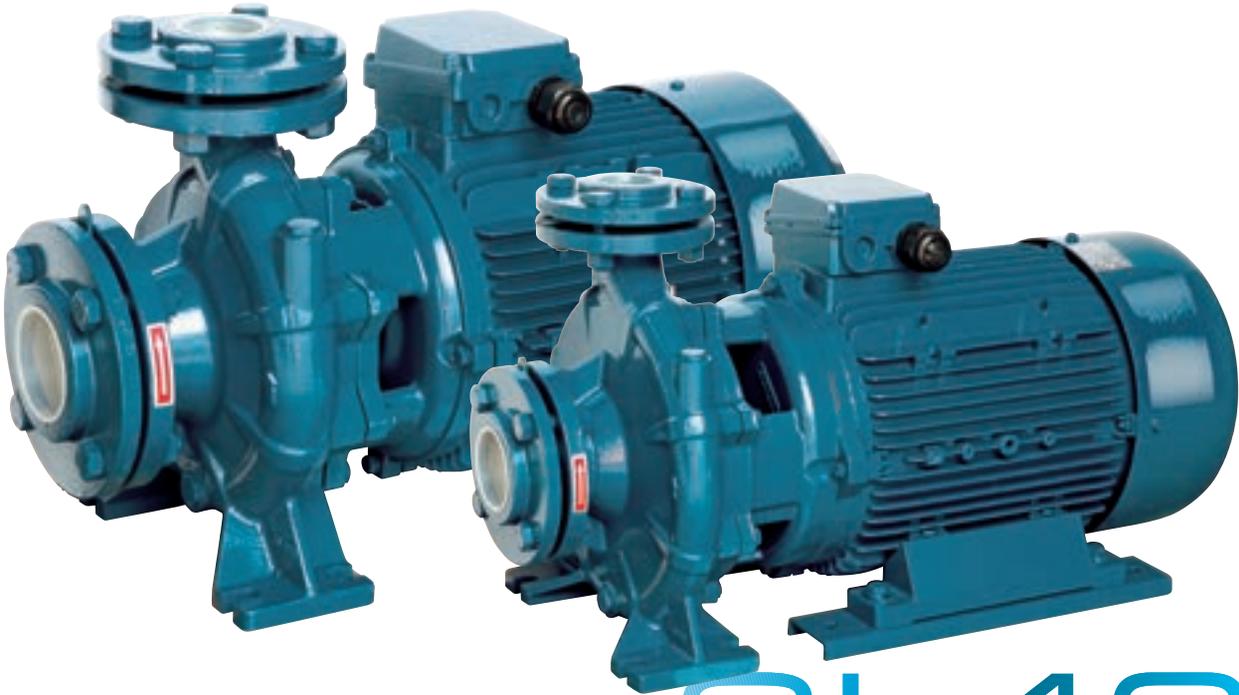
TYPE	DIMENSIONS mm																DIMENSIONS mm			Weight Kg
	A	B	C	D	E	F	G	H	H1	H2	N	O	P	DNA	DNM	P	L	H		
SL 32-160 C	100	80	480	240	190	15	70	322	132	160	240	13,5	50	50	32	250	520	360	36	
SL 32-160 B	100	80	480	240	190	15	70	322	132	160	240	13,5	50	50	32	250	520	360	39	
SL 32-160 A	100	80	510	240	190	15	70	322	132	160	240	13,5	50	50	32	250	520	360	42	
SL 32-200 C	100	80	550	240	190	15	70	370	160	180	273	15	50	50	32	300	660	390	52	
SL 32-200 B	100	80	630	240	190	15	70	370	160	180	273	15	50	50	32	300	660	390	63	
SL 32-200 A	100	80	630	240	190	15	70	370	160	180	273	15	50	50	32	300	660	390	69	
SL 32-250 C	125	100	745	320	250	15	95	445	180	225	335	18	65	50	32	355	790	455	83	
SL 32-250 B	125	100	745	320	250	15	95	445	180	225	335	18	65	50	32	355	790	455	90	
SL 32-250 A	125	100	745	320	250	15	95	445	180	225	335	18	65	50	32	355	790	455	120	
SL 40-160 B	100	80	550	240	190	15	70	322	132	160	240	15	50	65	40	250	560	370	47	
SL 40-160 A	100	80	550	240	190	15	70	322	132	160	240	15	50	65	40	250	560	370	50	
SL 40-200 B	100	100	640	265	212	15	70	370	160	180	281	15	50	65	40	300	660	390	65	
SL 40-200 A	100	100	640	265	212	15	70	370	160	180	281	15	50	65	40	300	660	390	71	
SL 40-250 B	125	100	745	320	250	15	95	435	180	225	335	18	65	65	40	355	790	455	91	
SL 40-250 A	125	100	745	320	250	15	95	435	180	225	335	18	65	65	40	355	790	455	121	
SL 50-160 C	100	100	575	265	212	15	70	372	160	180	268	15	50	65	50	300	660	390	60	
SL 50-160 B	100	100	650	265	212	15	70	372	160	180	268	15	50	65	50	300	660	390	65	
SL 50-160 A	100	100	650	265	212	15	70	372	160	180	268	15	50	65	50	300	660	390	71	
SL 50-200 C	100	100	745	265	212	15	70	425	160	200	335	18	50	65	50	355	790	455	82	
SL 50-200 B	100	100	745	265	212	15	70	425	160	200	335	18	50	65	50	355	790	455	89	
SL 50-200 A	100	100	745	265	212	15	70	425	160	200	335	18	50	65	50	355	790	455	122	
SL 50-250 C	125	100	750	320	250	15	95	435	180	225	340	18	65	65	50	355	790	455	125	
SL 50-250 B	125	100	795	320	250	15	95	435	180	225	340	18	65	65	50	355	790	455	140	
SL 50-250 A	125	100	825	320	250	15	95	455	180	225	360	18	65	65	50	380	850	465	149	
SL 65-160 B	125	100	750	280	212	15	95	425	160	200	340	18	65	80	65	355	790	455	90	
SL 65-200 B	125	100	790	320	250	15	95	445	180	225	335	18	65	80	65	355	790	455	138	
SL 65-200 A	125	100	825	320	250	15	95	455	180	225	360	18	65	80	65	380	850	465	148	
SL 80-160 A	125	125	870	320	250	15	95	445	180	225	360	18	65	100	80	380	920	485	152	
SL 80-200 B	125	125	900	345	280	15	95	470	180	225	360	18	65	100	80	380	920	485	233	

# MONOBLOCK CENTRIFUGAL PUMPS

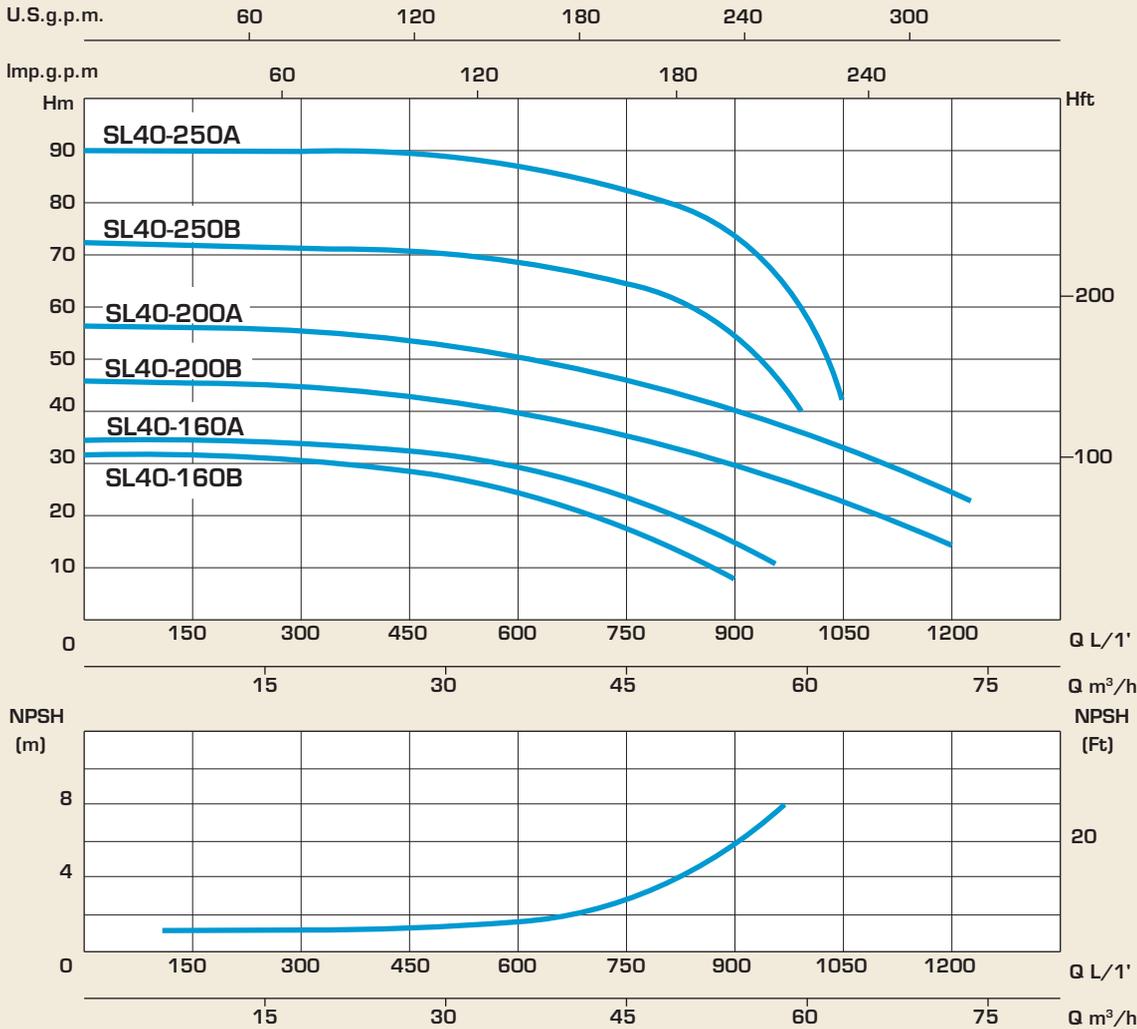


# SL32





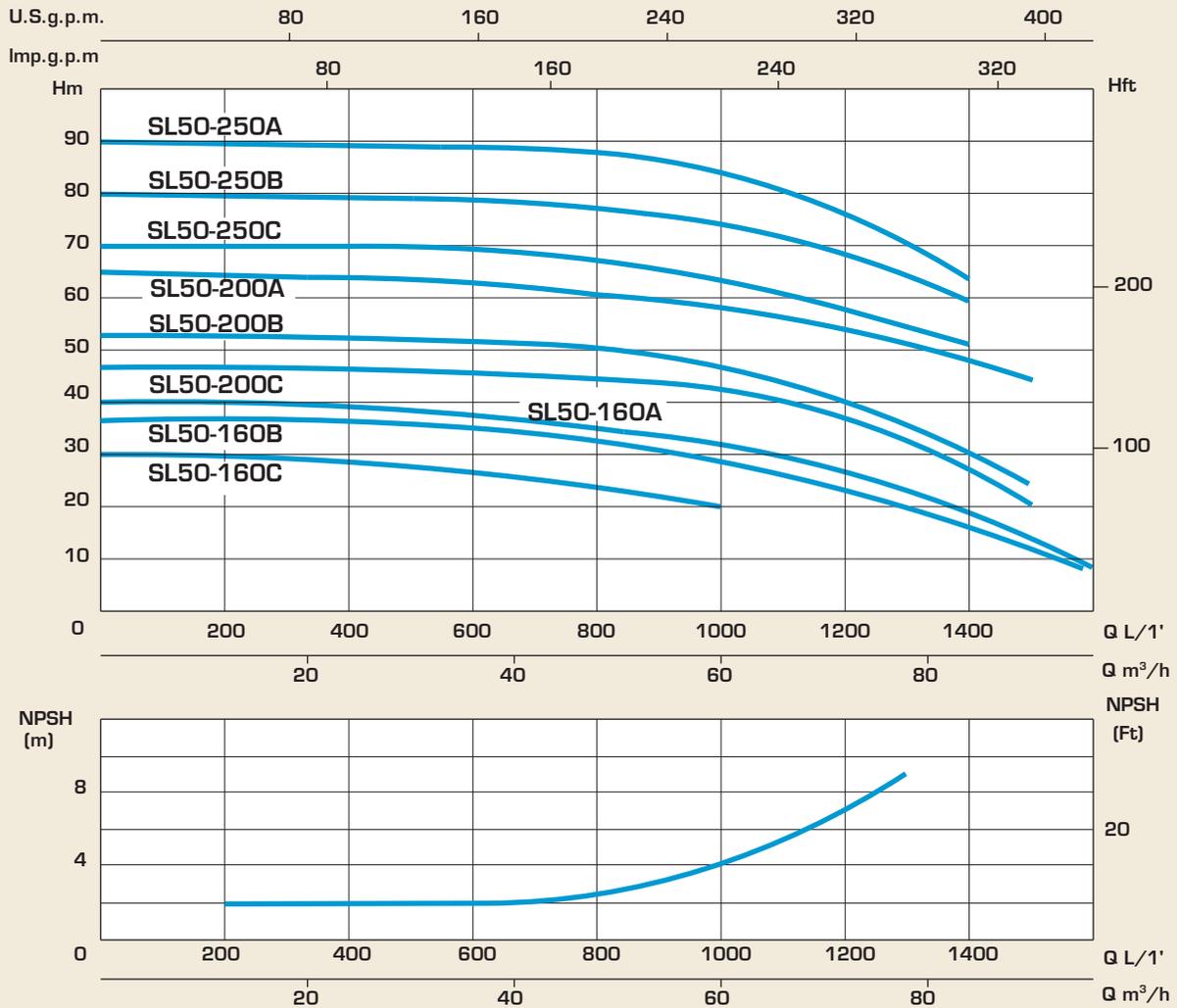
# SL40

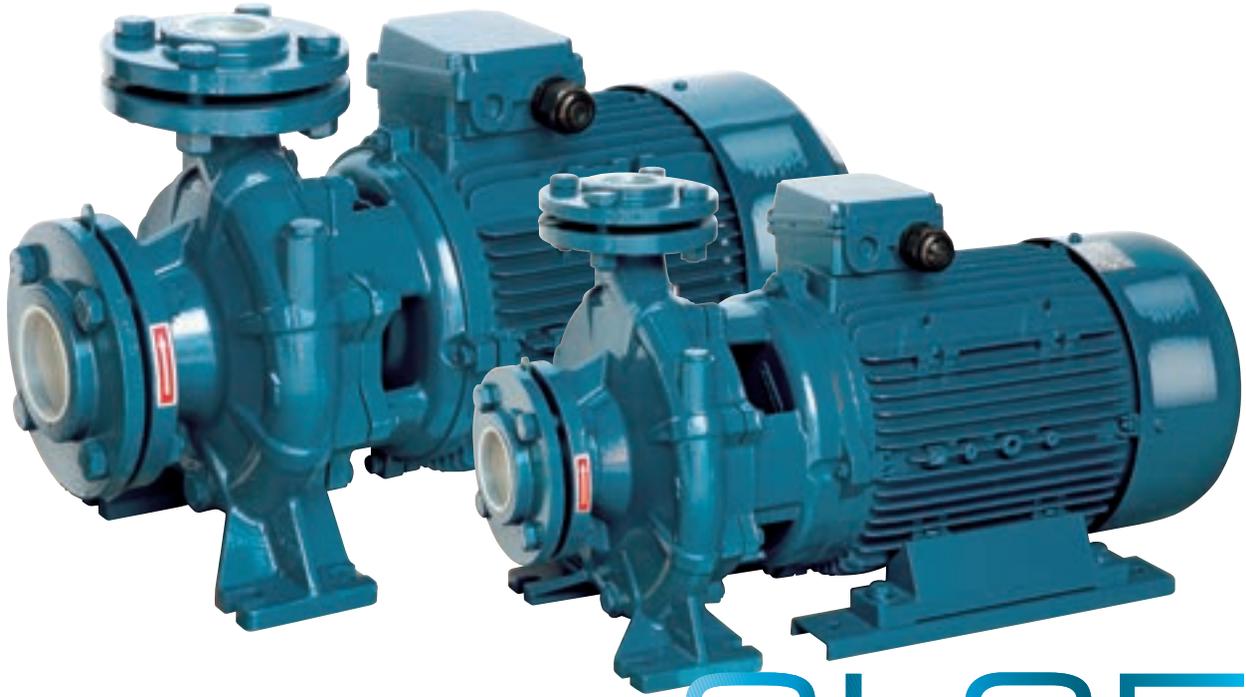


# MONOBLOCK CENTRIFUGAL PUMPS

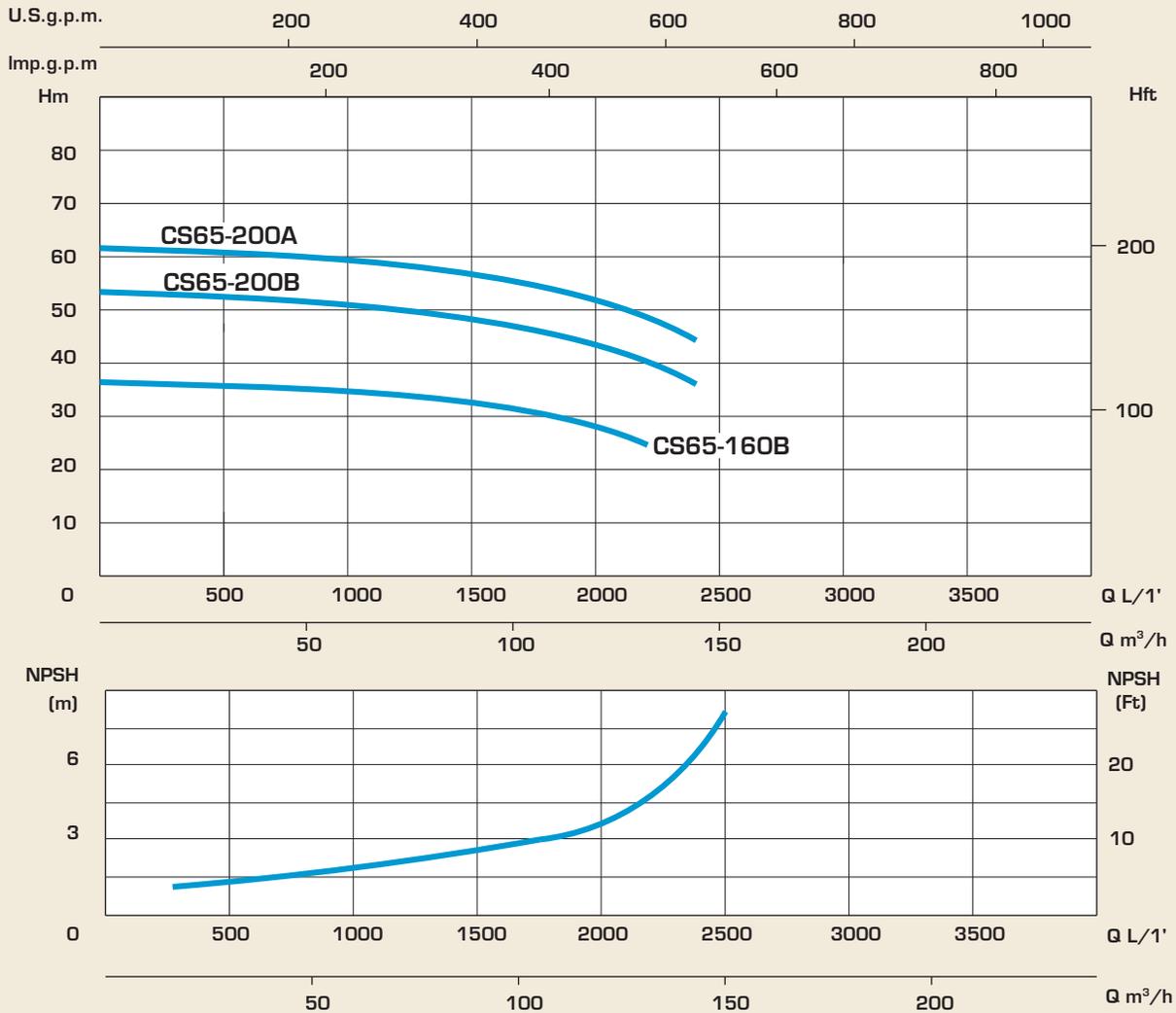


# SL50





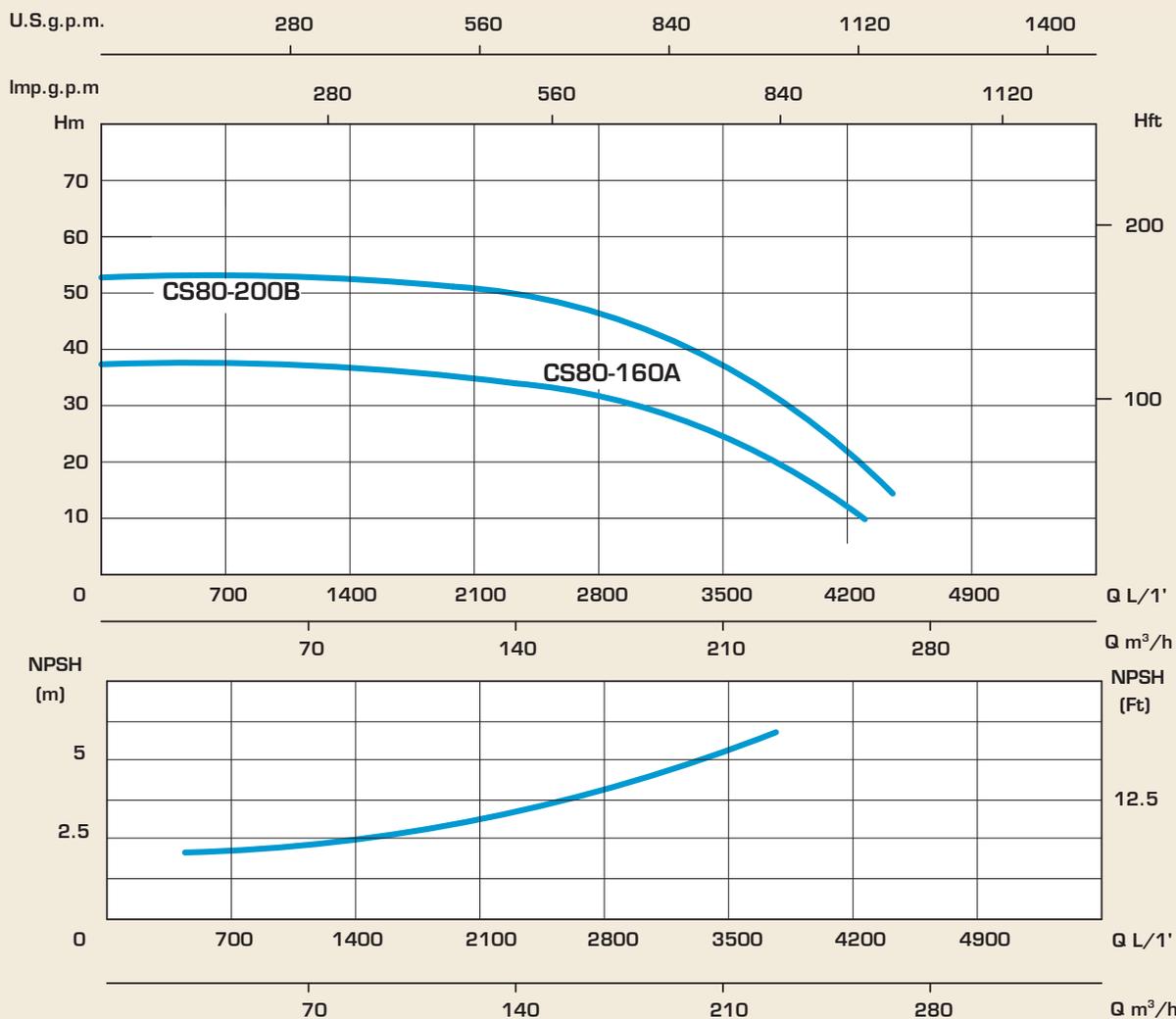
# SL65



# MONOBLOCK CENTRIFUGAL PUMPS



# SL80



### APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution

through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.

### MATERIALS

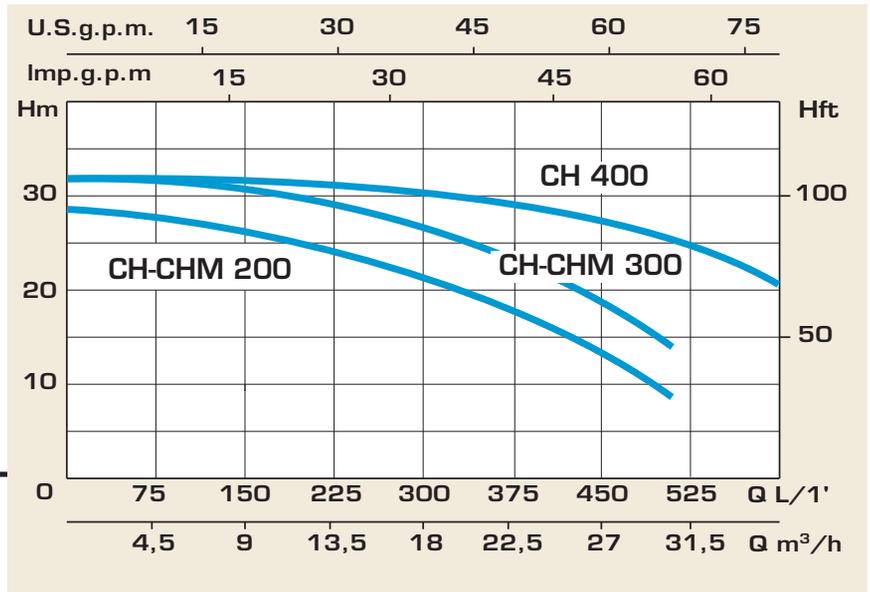
- Pump body Cast Iron
- Motor Support Cast Iron
- Impeller Brass
- Shaft with rotor Stainless Steel
- Mechanical seal Carbon/Ceramic

### OPERATING CONDITIONS

- Max. working pressure 6 bar
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

- Two-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP 44



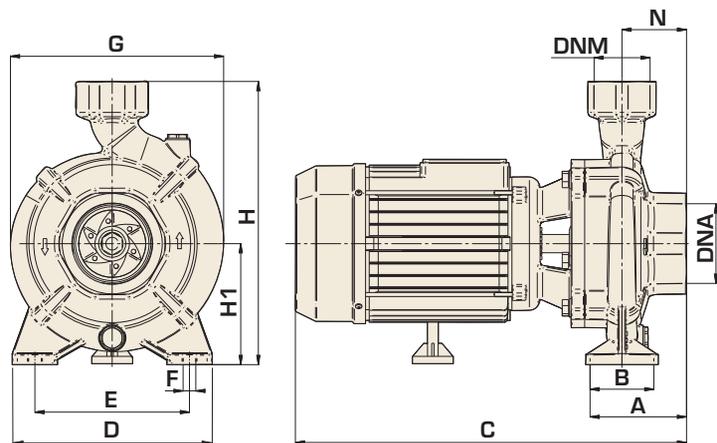
### TECHNICAL DATA

TYPE		NOMINAL POWER P2		INPUT POWER P1	AMPERE		Q = CAPACITY										
Single-phase	Three-phase	HP	kW	kW	Single-phase	Three-phase	m³/h	6	9	12	18	21	24	27	30	36	42
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V	lt/1'	100	150	200	300	350	400	450	500	600	700
<b>CHM 200</b>	<b>CH 200</b>	2	1,5	2,5	11,5	4,2	Total head in meters w.c.										
<b>CHM 300</b>	<b>CH 300</b>	3	2,2	3	13,6	5,3	H (m)	28	27	25,5	21,4	18,6	15,8	12	8		
	<b>CH 400</b>	4	3	4,2		7,6		32	31	29,5	26	23	20	17	14		
								32	31,8	31,6	29,8	28	27,7	24	23	19	13

## CENTRIFUGAL IRRIGATION PUMPS



# CHM



### DIMENSIONS AND WEIGHTS

TYPE		DIMENSIONS mm											DIMENSIONS mm 			Weight	
Single-phase	Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	P	L	H	Kg
CHM 200	CH 200	96	55	394	205	165	14	220	286	119	69	2"	2"	250	450	340	25
CHM 300	CH 300	96	55	426	205	165	14	220	286	119	69	2"	2"	250	450	340	29
	CH 400	99	55	496	215	170	14	235	309	132	71	3"	2"	250	450	340	31

## APPLICATION

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main feature are the two opposite impellers which allow higher lifts than in the single-impeller model.

They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.

### MATERIALS

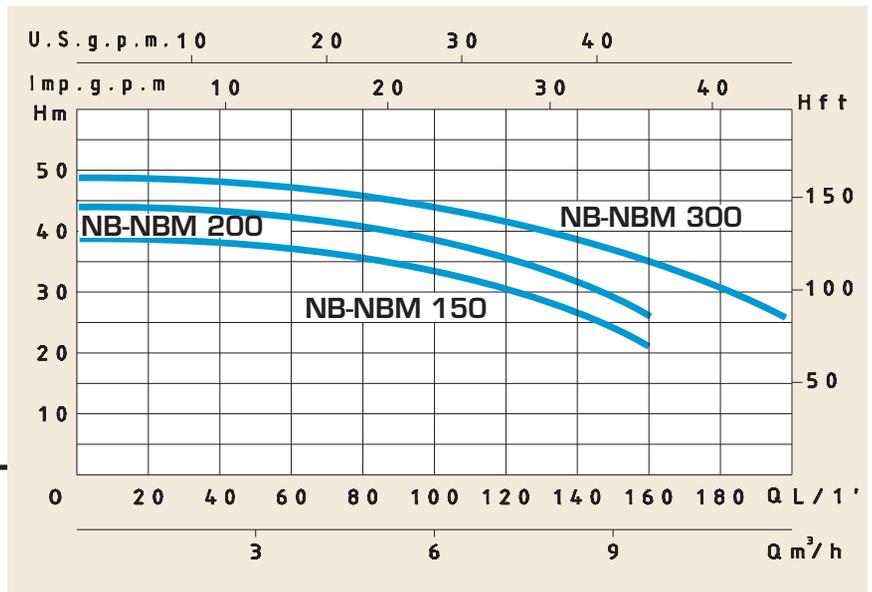
- Pump body Cast Iron
- Motor Support Cast Iron
- Impeller Noryl
- Shaft with rotor Stainless Steel
- Mechanical seal Carbon/Ceramic

### OPERATING CONDITIONS

- Max. working pressure 8 bar
- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

- Two-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP 44



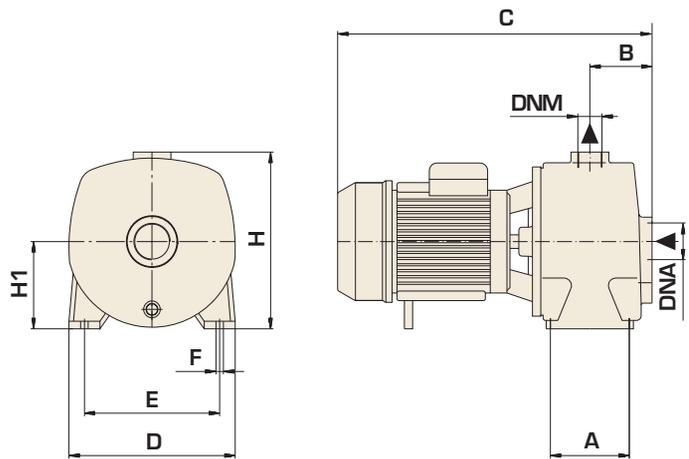
## TECHNICAL DATA

TYPE		NOMINAL POWER P2			INPUT POWER P1	AMPERE		Q = CAPACITY											
Single-phase	Three-phase	HP	kW	kW	Single-phase	Three-phase	m³/h	Total head in meters w.c.											
230V-50Hz	230/400V-50Hz							1 x 230V	3 x 400V	0	1,5	3	4,5	5,4	6	7,5	9	10,5	12
NBM 150	NB 150	1,5	1,1	1,6	7,5	3,3	H (m)	40	39	38	36	34	32	25					
NBM 200	NB 200	2	1,5	2	9,5	4		43	42,5	42	40	38,5	37,5	35	29				
NBM 300	NB 300	3	2,2	2,6	12	4,6		49	48	47	46,5	46,2	46	43	38,5	32	25		

## MULTISTAGES CENTRIFUGAL PUMPS



# NBM



### DIMENSIONS AND WEIGHTS

TYPE		DIMENSIONS mm										DIMENSIONS mm 			Weight
Single-phase	Three-phase	A	B	C	D	E	F	H	H1	DNA	DNM	P	L	H	Kg
NBM 150	NB 150	108	76,5	390	200	160	10	237	114	1" 1/2	1" 1/4	230	420	260	21
NBM 200	NB 200	108	76,5	390	200	160	10	237	114	1" 1/2	1" 1/4	230	420	260	22
NBM 300	NB 300	108	76,5	390	200	160	10	237	114	1" 1/2	1" 1/4	230	420	260	23

## APPLICATION

Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to mt. 8 depth and work

perfectly even in soda-water. Suitable for drinkable water, water lifting and distribution in domestic fittings by small and medium sized tanks.

## MATERIALS

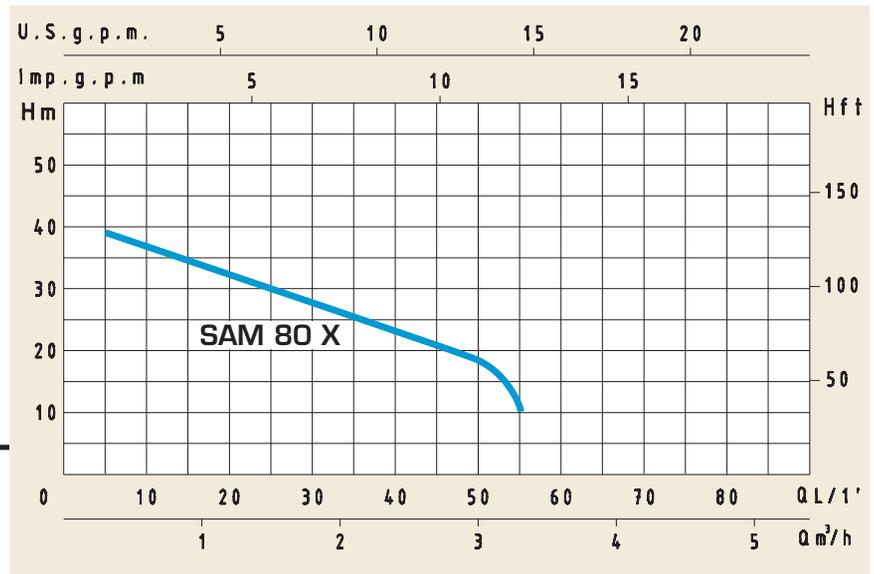
- Pump body                   Stainless Steel
- Motor Support           Aluminium
- Impeller                    Noryl
- Diffuser                    Noryl
- Pump flange               Stainless Steel
- Shaft with rotor          Stainless Steel
- Mechanical seal         Carbon/Ceramic

## MOTOR

- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44

## OPERATING CONDITIONS

- Max. working pressure 6 bar
- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty



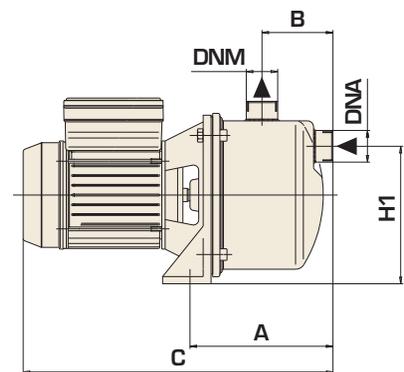
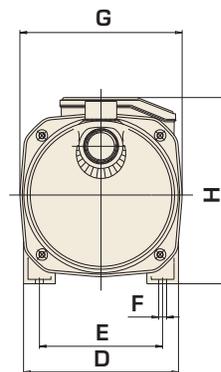
## TECHNICAL DATA

TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY												
	P2	P1			Single-phase												
Single-phase					m³/h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	4,2		
					lt/1'	10	15	20	25	30	35	40	45	50	70		
230V-50Hz	HP	kW	kW	1 x 230V	Total head in meters w.c.												
<b>SAM 80 X</b>	0,8	0,6	0,8	3,8	H (m)	38	36	34	32	29	27	24	22	19			

## SELFPRIMING JET INOX PUMPS



# SAM X



### DIMENSIONS AND WEIGHTS

TYPE	DIMENSIONS mm											DIMENSIONS mm 			Weight Kg	
	A	B	C	D	E	F	G	H	H1	DNA	DNM	P	L	H		
Single-phase																
<b>SAM 80 X</b>	163	72	320	162	126	9	166	180	123	1"	1"	180	360	200	7	

## APPLICATION

Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to mt. 8 depth and work

perfectly even in soda-water. Suitable for drinkable water, water lifting and distribution in domestic fittings by small and medium sized tanks.

## MATERIALS

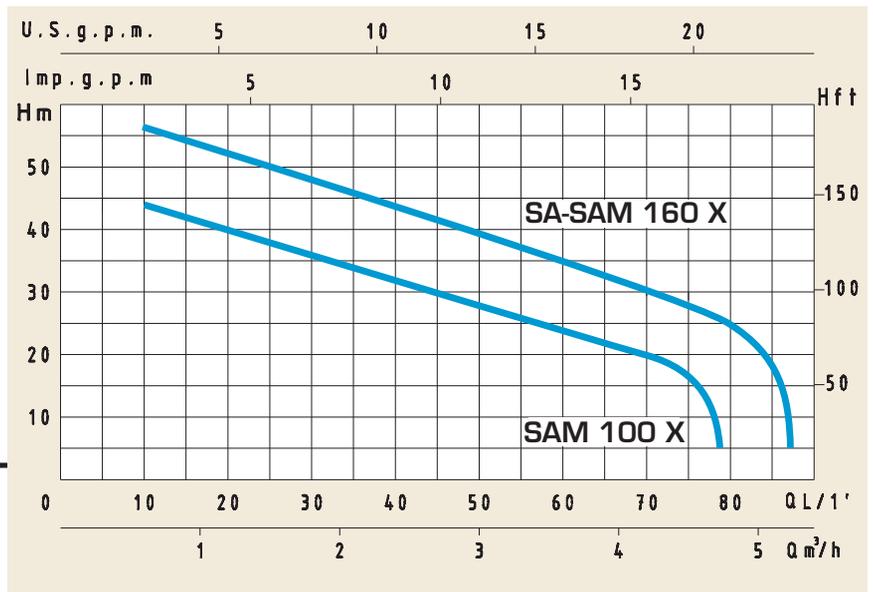
- Pump body                   Stainless Steel
- Motor Support             Aluminium
- Impeller                     Stainless Steel
- Diffuser                     Noryl
- Pump flange                Stainless Steel
- Shaft with rotor          Stainless Steel
- Mechanical seal          Carbon/Ceramic

## MOTOR

- Two-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP 44

## OPERATING CONDITIONS

- Max. working pressure 8 bar
- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty



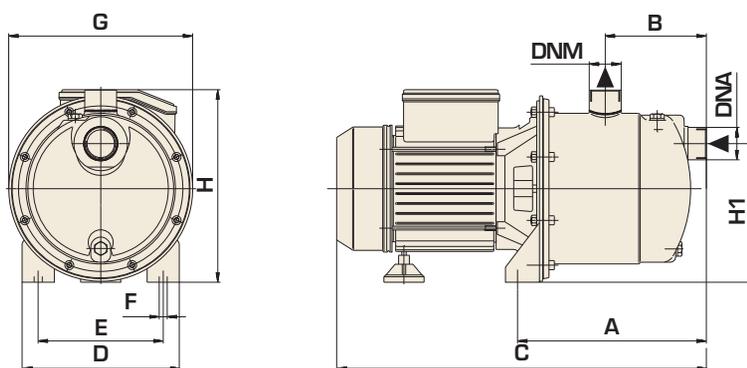
## TECHNICAL DATA

TYPE		NOMINAL POWER P2		INPUT POWER P1	AMPERE		Q = CAPACITY										
Single-phase	Three-phase	HP	kW	kW	Single-phase	Three-phase	m³/h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	4,2
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V	lt/1'	10	15	20	25	30	35	40	45	50	70
		Total head in meters w.c.															
<b>SAM 100 X</b>		1	0,75	1,1	5	2,5	H	44	40	38	36	34	32	30	29	27	20
<b>SAM 160 X</b>	<b>SA 160 X</b>	1,6	1,1	1,6	7,5	3,5	(m)	56	53	50	48	46	44	42	40	36	32

## SELFPRIMING JET INOX PUMPS



# SAM X



### DIMENSIONS AND WEIGHTS

TYPE		DIMENSIONS mm											DIMENSIONS mm 			Weight
Single-phase	Three-phase	A	B	C	D	E	F	G	H	H1	DNA	DNM	P	L	H	Kg
SAM 100 X		210	113	415	176	140	9	206	212	154	1"	1"	210	450	240	12
SAM 160 X	SA 160 X	210	113	432	176	140	9	206	230	154	1 1/4"	1"	210	480	250	15,5

## APPLICATION

Automatic high pressure groups coupled with selfpriming jet pumps. They are very silent and reliable and particularly suitable to increase

pressure from a water system, to supply water from wells and in domestic high pressure groups.

## COMPONENTS

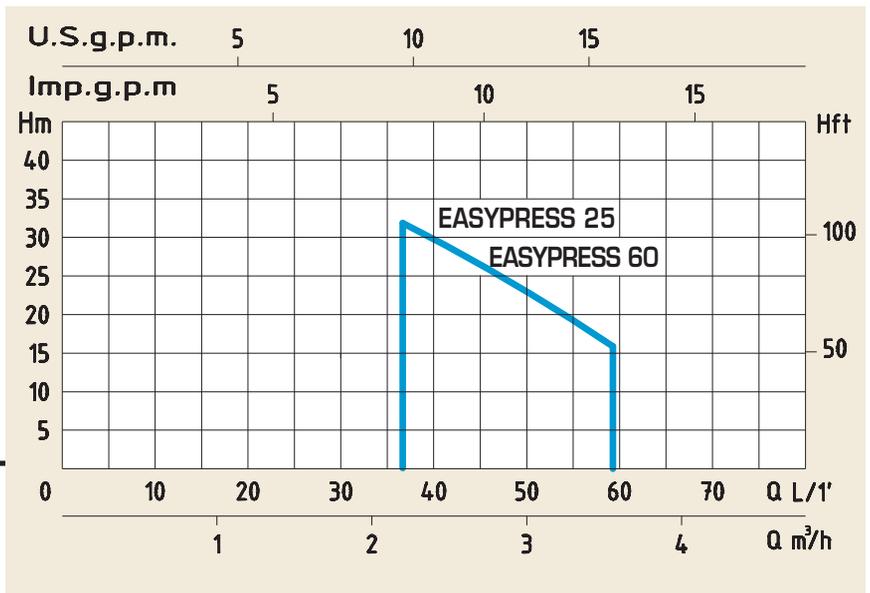
- Membrane tank
- Flexible hose with connection
- Pre-set pressure switch with cable
- Pressure gauge
- Brass connection
- Brass check valve
- Pump SAM100 with inox impeller

## MOTOR

- Two-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP 44

## OPERATING CONDITIONS

- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Adjusted switch on/off pressure 1,6÷3,2 bar
- Continuous duty

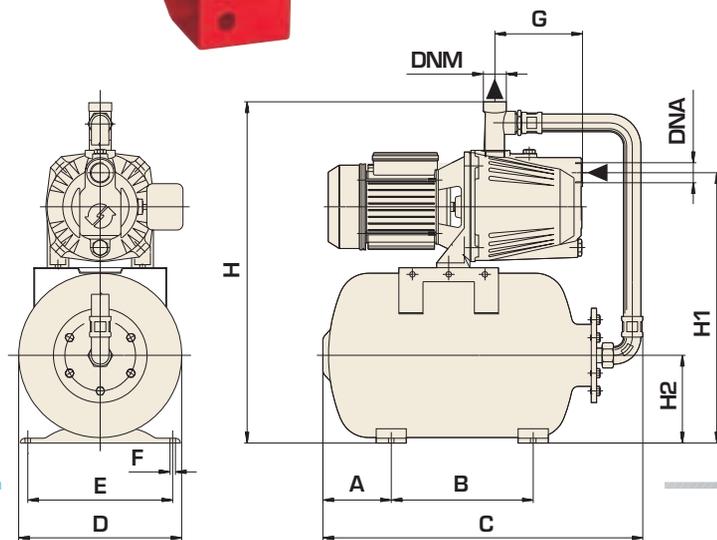
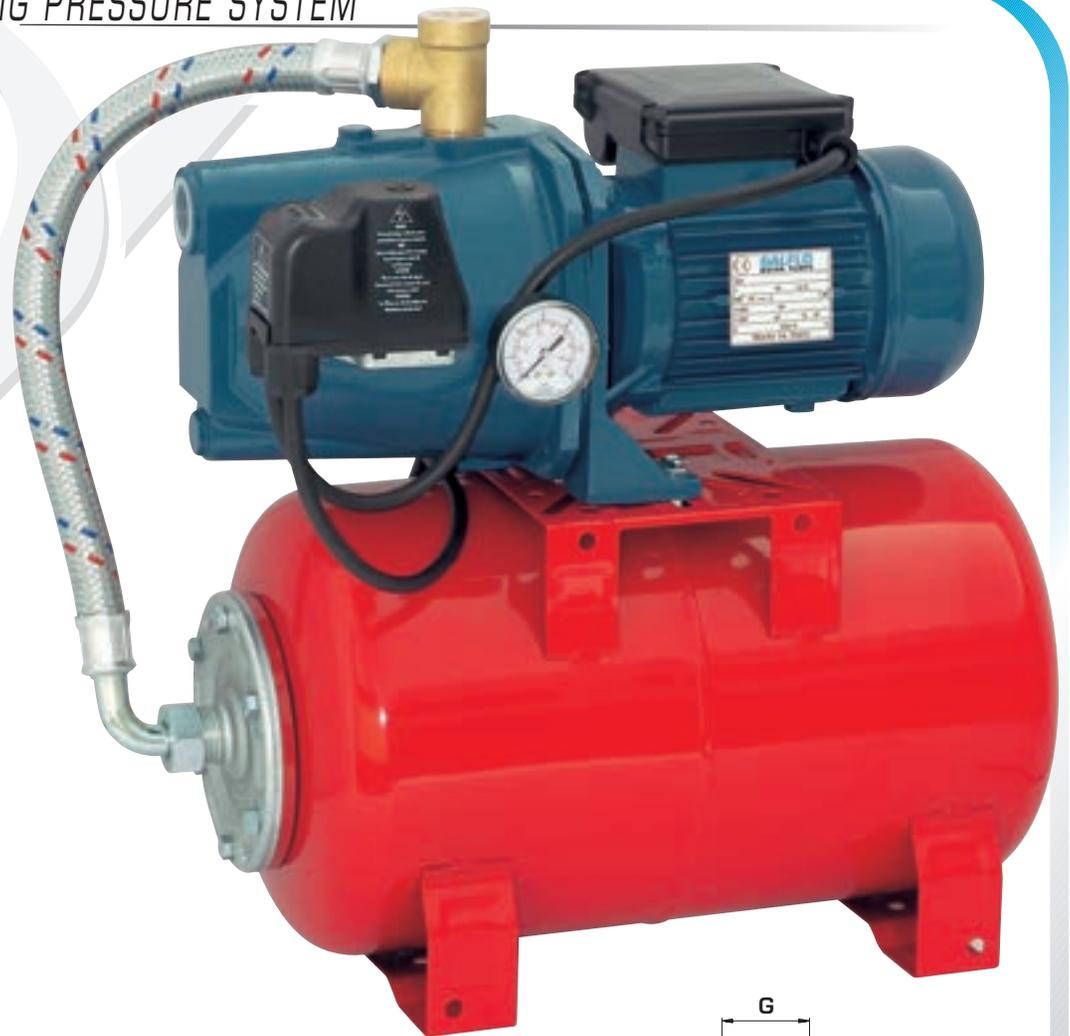


## TECHNICAL DATA

TYPE	NOMINAL POWER P2		INPUT POWER P1	AMPERE	Adjusted switch on/off pressure	Q = CAPACITY										
	HP	kW	kW	Single-phase		m³/h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,6
Single-phase						lt/1'	10	15	20	25	30	35	40	45	50	60
230V-50Hz				1 x 230V	Bar	Total head in meters w.c.										
<b>EASYPRESS 25</b>	1	0,75	1,1	5	1,6 ÷ 3,2	H (m)	45	43	40	38	35	33	30	29	26	22
<b>EASYPRESS 60</b>	1	0,75	1,1	5	1,6 ÷ 3,2	H (m)	45	43	40	38	35	33	30	29	26	22

AUTOMATIC WORKING PRESSURE SYSTEM

# EASYPRESS



## DIMENSIONS AND WEIGHTS

TYPE	DIMENSIONS mm												DIMENSIONS mm 			Weight Kg
	A	B	C	D	E	F	G	H	H1	H2	DNA	DNM	P	L	H	
Single-phase																
<b>EASYPRESS 25</b>	113	235	530	270	240	9	145	560	444	144	1"	1"	280	550	600	22
<b>EASYPRESS 60</b>	200	295	730	385	300	11	150	660	570	210	1"	1"	400	770	720	32

## APPLICATION

Automatic high pressure groups coupled with selfpriming jet pumps. They are very silent and reliable and particularly suitable to increase

pressure from a water system, to supply water from wells and in domestic high pressure groups.

## COMPONENTS

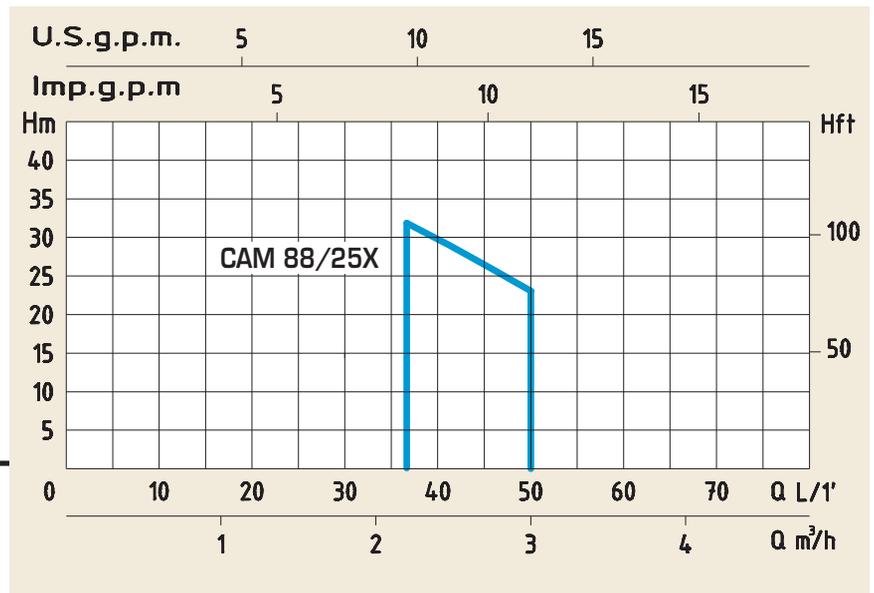
- Membrane tank
- Flexible hose with connection
- Pre-set pressure switch with cable
- Pressure gauge
- Brass connection
- Brass check valve
- Pump CAM 88 with inox impeller

## MOTOR

- Two-Pole induction motor (n = 2850 min-1)
- Insulation Class F
- Protection IP 44

## OPERATING CONDITIONS

- Liquid temperature up to 35°C
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Adjusted switch on/off pressure 1,6÷3,2 bar
- Continuous duty

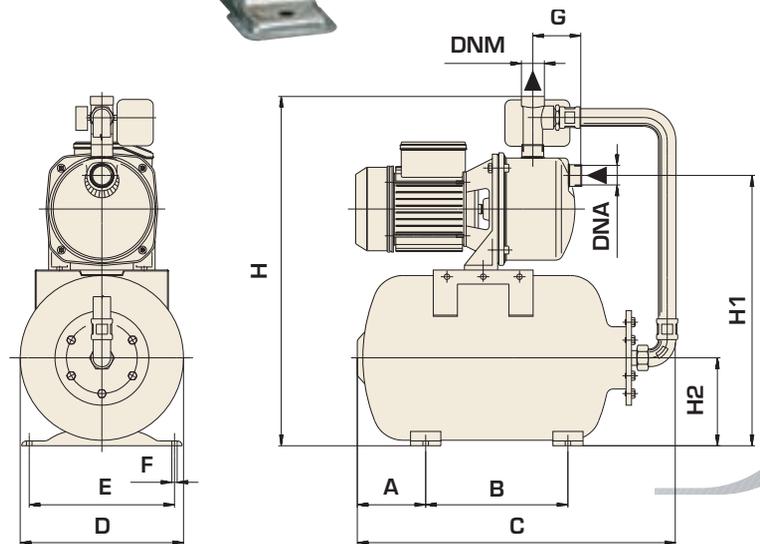


## TECHNICAL DATA

TYPE	NOMINAL POWER P2		INPUT POWER P1	AMPERE	Adjusted switch on/off pressure	Q = CAPACITY									
	HP	KW	KW	Single-phase		m³/h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3
Single-phase						lt/1'	10	15	20	25	30	35	40	45	50
230V-50Hz				1 x 230V	Bar	Total head in meters w.c.									
<b>CAM 88/25 X</b>	1	0,75	1,1	5	1,6 ÷ 3,2	H (m)	46	43	40	38	35	32	30	29	26

# AUTOMATIC WORKING PRESSURE SYSTEM

# CAM 25X



## DIMENSIONS AND WEIGHTS

TYPE	DIMENSIONS mm												DIMENSIONS mm 			Weight Kg
	A	B	C	D	E	F	G	H 575	H1	H2	DNA	DNM	P	L	H	
<b>CAM 88/25 X</b>	113	235	530	270	240	9	81		437	144	1"	1"	280	550	600	19

## APPLICATION

Drainage submersible stainless steel water pumps with stainless steel impeller.

Able to drain decanting cesspools and to pump waste water for domestic and civil purposes.

## MATERIALS

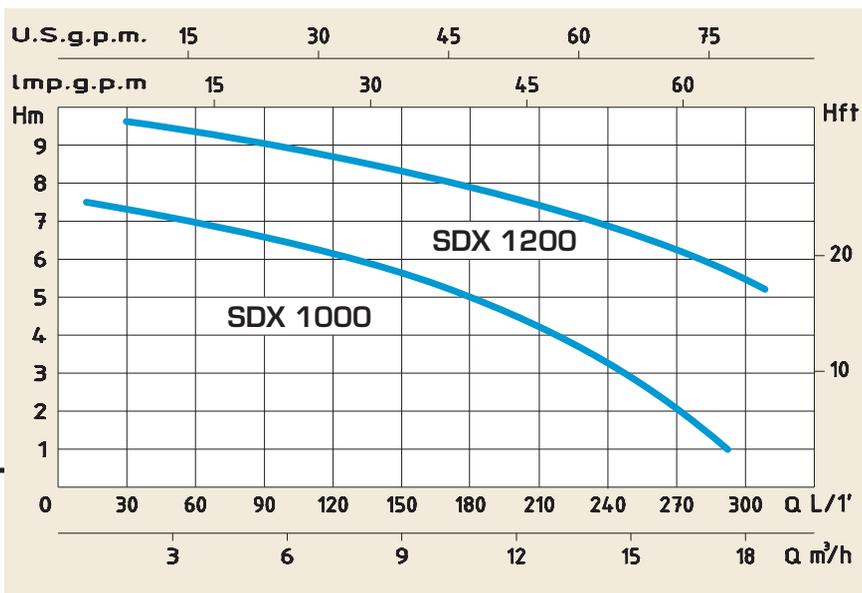
- Handle                      Stainless Steel
- Motor casing             Stainless Steel
- Pump body                Cast Iron
- Impeller                  Stainless Steel
- Suction grid             Stainless Steel
- Shaft with rotor         Stainless Steel

## MOTOR

- Dual chamber with oil bath motor for cooling and bearing lubrication
- Mechanical seal in oil bath
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

## OPERATING CONDITIONS

- Liquid temperature up to 35°C
- Submersion depth 5 mt.
- Grain size inlet Ø 35 mm
- Min. suction level 65 mm
- Continuous duty

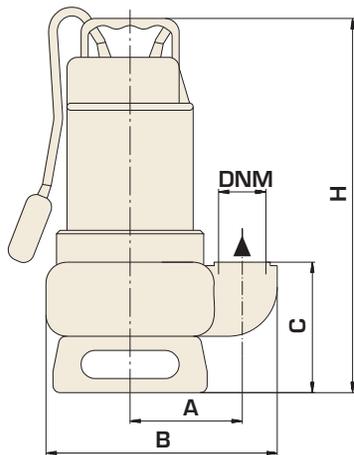


## TECHNICAL DATA

TYPE	INPUT POWER P1	AMPERE	Capacitor  µf	Q = CAPACITY										
				m³/h	0,6	1,8	2,7	3,6	5,4	7,2	9	12	15	18
With float switch	230V-50Hz	Single-phase	16	lt./1'	10	30	45	60	90	120	150	200	250	300
				Total head in meters w.c.										
<b>SDX 1000</b>	1100 W	5	16	H (m)	7,4	7,2	7	6,9	6,5	6,2	5,6	4,3	3	
<b>SDX 1200</b>	1400 W	6,5	20	H (m)	9,9	9,6	9,4	9,2	9	8,8	8,4	7,4	6,8	5,4

# STAINLESS STEEL SUBMERSIBLE PUMPS FOR DIRTY WATER

## SDX



TYPE	DIMENSIONS mm					DIMENSIONS mm 			Weight
	A	B	C	H	DNM	P	L	H	Kg
With float switch									
<b>SDX 1000</b>	112	232	131	368	1" 1/2	235	180	420	12
<b>SDX 1200</b>	112	232	131	368	2"	235	180	420	13,5

## APPLICATION

Submersible drainage pumps with plunged open impeller with grid. Suitable for clean waters, even with

small suspended solids, for drainage of flowing and collection rain waters.

## MATERIALS

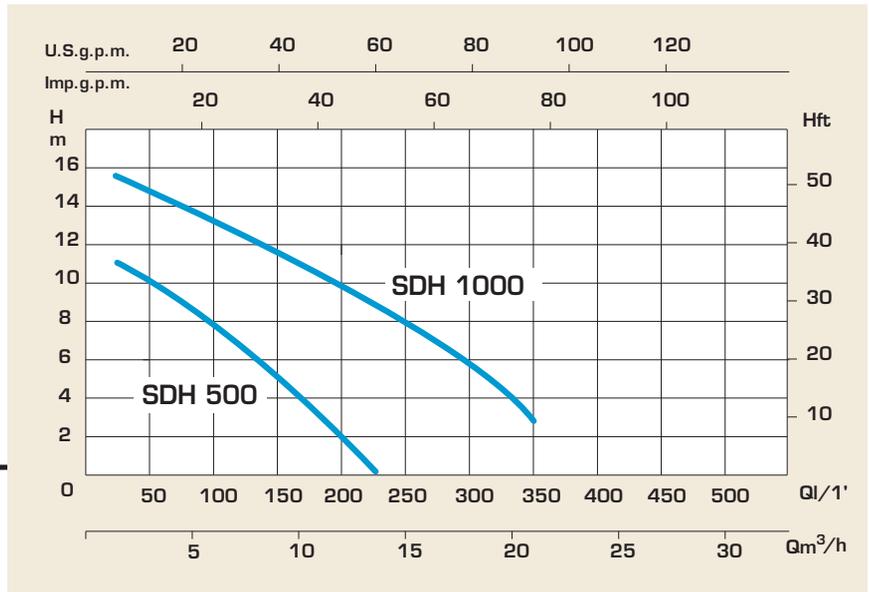
- Upper cover                      Cast Iron
- Pump body                        Cast Iron
- Impeller                            Noryl
- Shaft with rotor                 Stainless Steel
- Suction strainer                 Stainless Steel
- Mechanical seal                 Silicon / Silicon

## MOTOR

- Insulation Class F
- Protection IP 68
- Thermic protection

## OPERATING CONDITIONS

- Liquid temperature up to 40°C
- Submersion depth 5 mt.
- Grain size inlet Ø 8 mm (SDH 500)
- Grain size inlet Ø 10 mm (SDH 1000)
- Min. suction level 88 mm (SDH 500)
- Min. suction level 115 mm (SDH 1000)
- Continuous duty

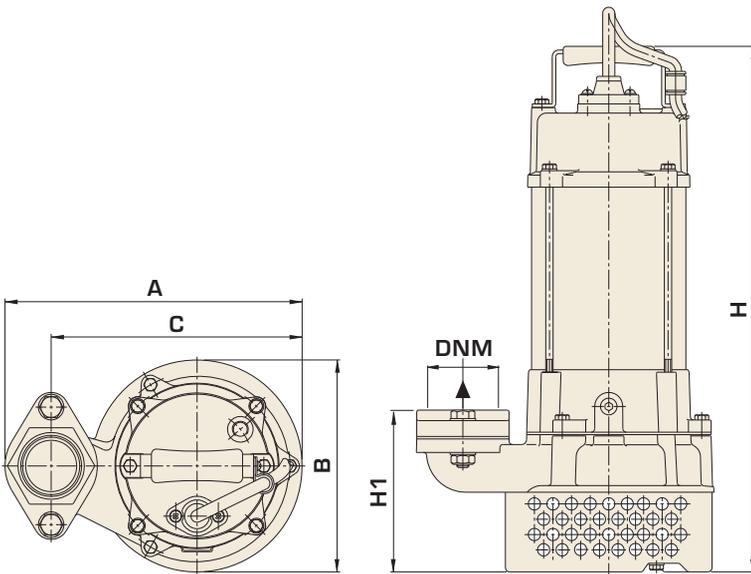


## TECHNICAL DATA

TYPE	NOMINAL POWER P2		INPUT POWER P1	AMPERE	Q = CAPACITY														
	HP	kW			kW	Total head in meters w.c.													
With float switch				Single-phase	m³/h	0	1,5	3	6	9	12	15	18	21	24				
					lt./1'	0	25	50	100	150	200	250	300	350	400				
230V-50Hz				1 x 230V															
<b>SDH 500</b>	0,5	0,4	0,55	3	H (m)	11	10,2	9,6	8	5,5	2								
<b>SDH 1000</b>	1	0,75	1	4,8	H (m)	16	14,5	13,8	12,9	11,5	100	8,1	5,9	3					

SUBMERSIBLE ELECTRIC PUMPS FOR THE DRAINAGE

# SDH



TYPE	DIMENSIONS mm						DIMENSIONS mm 			Weight Kg
	A	B	C	H	H1	DNM	P	L	H	
With float switch										
<b>SDH 500</b>	227	161	191	352	86	2"	190	250	390	13
<b>SDH 1000</b>	246	174	207	429	109	2"	190	260	465	19

## APPLICATION

For the drainage of construction sites, trench ducts, and underground passages.  
Suitable to pump water out from

cellars, garages and basements.  
Disposal of moderately heavy water containing some abrasive material.

## MATERIALS

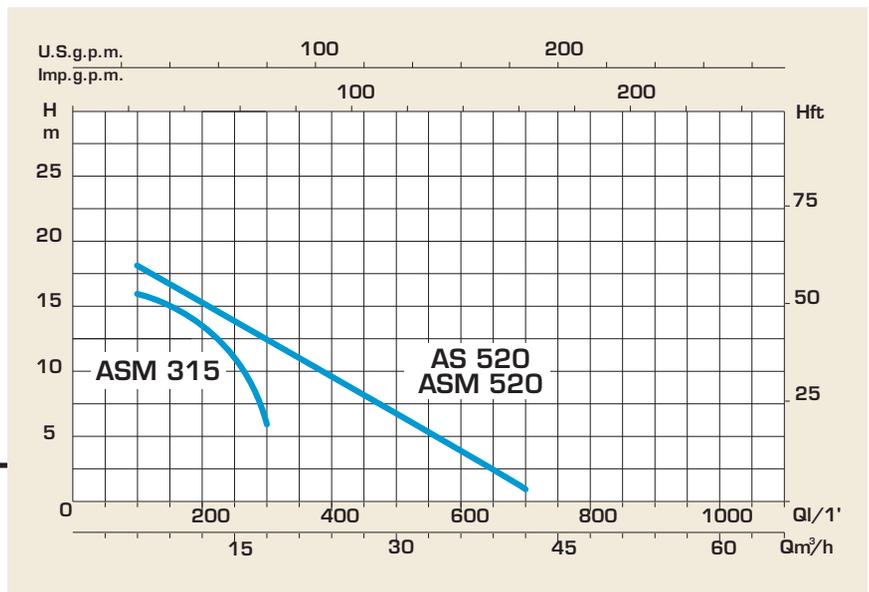
- Out cover                   Stainless steel
- Motor frame               Stainless steel
- Upper cover               Stainless steel
- Pump body                 Spheroidal cast iron
- Impeller                   High chrome alloy (HCR)
- Shaft                        Stainless steel
- Mechanical seal         Silicon/Silicon

## MOTOR

- Permanent split capacitor (ASM 315  $\mu$ F10 ; ASM 520  $\mu$ F15)
- Insulation Class F
- Protection IP 68

## OPERATING CONDITIONS

- Liquid temperature up to 40°C
- Submersion depth 5 mt.
- Grain size inlet  $\varnothing$  8 mm (ASM 315)
- Grain size inlet  $\varnothing$  11 mm
- Min. suction level 85 mm (ASM 315)
- Min. suction level 120 mm (AS-ASM 520)

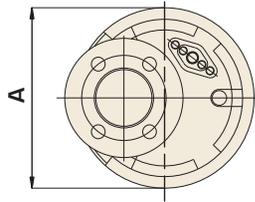
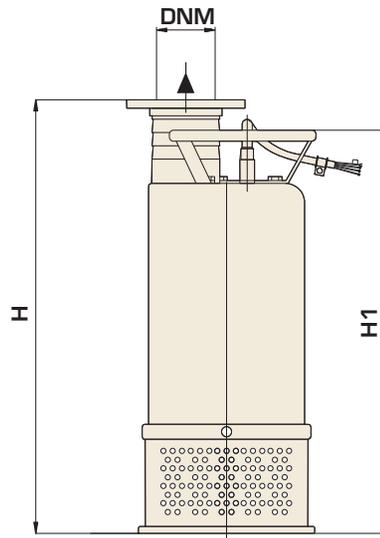


## TECHNICAL DATA

TYPE		NOMINAL POWER P2			INPUT POWER P1		AMPERE		Q = CAPACITY										
Single-phase	Three-phase	HP	kW	kW	Single-phase	Three-phase	m³/h	0	6	9	12	15	18	24	30	36	42		
230V-50Hz	230/400V-50Hz																	1 x 230V	3 x 400V
ASM 315		1,5	1,1	1,7	7,3		H (m)	17	16	14	13	10	7						
ASM 520	AS 520	2	1,5	1,9	9,6	3,4		18	17	16	15	13	11	9	7	3	1		

Total head in meters w.c.

## SUBMERSIBLE ELECTRIC PUMPS FOR THE DRAINAGE OF CONSTRUCTION SITES



# ASM



### DIMENSIONS AND WEIGHTS

TYPE		DIMENSIONS mm				DIMENSIONS mm 			Weight
Single-phase	Three-phase	A	H	H1	DNM	P	L	H	Kg
ASM 315		210	445	430	2"	270	260	510	29
ASM 520	AS 520	252	540	500	3"	270	260	680	40

### APPLICATION

Submersible drainage pumps with plunged open impeller with grid. Suitable for clean waters, even with

small suspended solids, for drainage of flowing and collection rain waters.

### MATERIALS

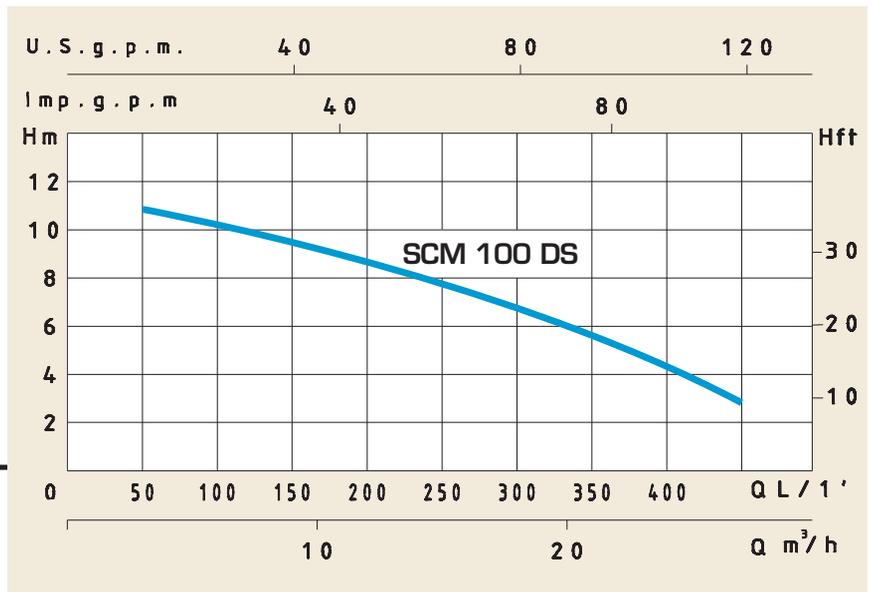
- Motor body                      Cast Iron
- Pump body                      Cast Iron
- Impeller                         Cast Iron
- Shaft with rotor                Stainless Steel
- Suction strainer                Stainless Steel
- Mechanical seal                Ceramic/Graphite (on request Silicon/Silicon)

### OPERATING CONDITIONS

- Liquid temperature up to 35°C
- Submersion depth 20 mt.
- Grain size inlet Ø 10 mm
- Min. suction level 100 mm
- Continuous duty

### MOTOR

- Insulation Class F
- Protection IP 68
- Thermic protection

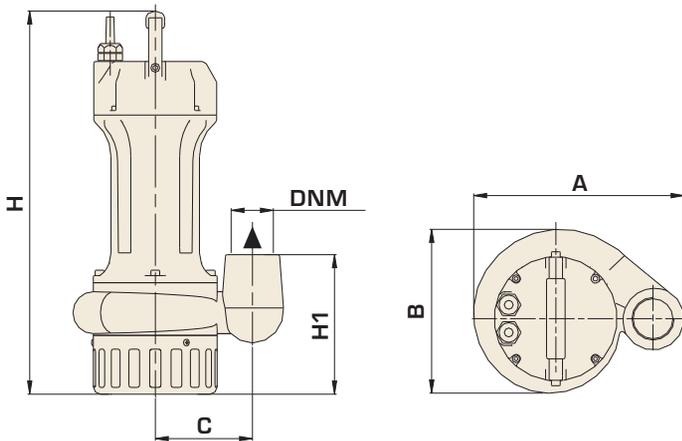


### TECHNICAL DATA

TYPE	NOMINAL POWER P2		INPUT POWER P1	AMPERE	Q = CAPACITY											
	HP	kW			kW	Single-phase	m³/h	3	6	9	12	15	18	21	24	27
Single-phase						lt/1'	50	100	150	200	250	300	350	400	450	500
230V-50Hz				1 x 230V	Total head in meters w.c.											
<b>SCM 100 DS</b>	1	0,75	1,1	4,8	H (m)	11	10,5	10	9	8	7	6	4,5	3		

SUBMERSIBLE ELECTRIC PUMP FOR DRAINAGE

# SCM-DS



TYPE	DIMENSIONS mm						DIMENSIONS mm 			Weight Kg
	A	B	C	H	H1	DNM	P	L	H	
Single-phase	A	B	C	H	H1	DNM	P	L	H	Kg
<b>SCM 100 DS</b>	238	184	110	440	157	1" 1/2	200	260	500	18

### APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type. Suitable in civil and industrial water

systems, for cesspool drainage with slightly dirty or foamy liquids, for oily waters cleaned by grid.

### MATERIALS

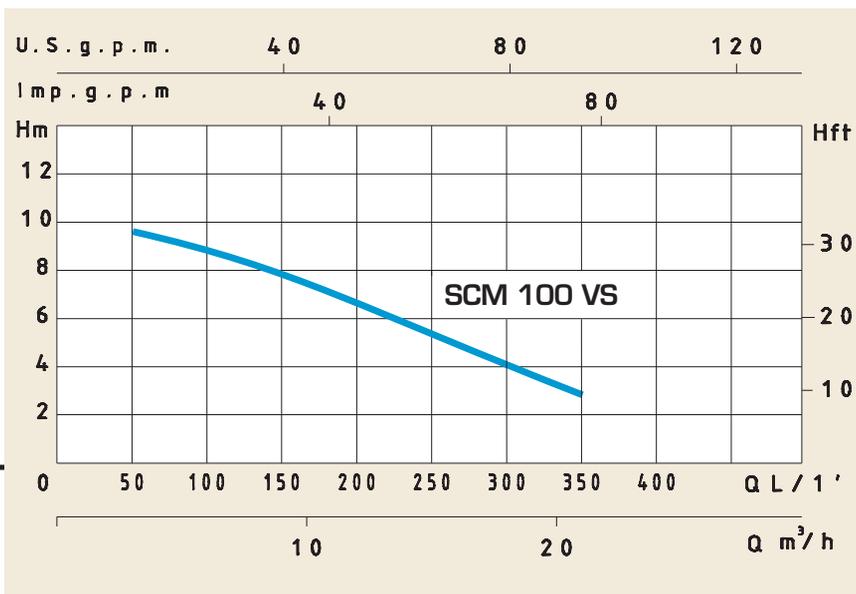
- Motor body                   Cast Iron
- Pump body                   Cast Iron
- Impeller                      Cast Iron
- Shaft with rotor            Stainless Steel
- Mechanical seal            Ceramic/Graphite (on request Silicon/Silicon)

### OPERATING CONDITIONS

- Liquid temperature up to 35°C
- Submersion depth 20 mt.
- Grain size inlet Ø 30 mm
- Min. suction level 100 mm
- Continuous duty

### MOTOR

- Insulation Class F
- Protection IP 68
- Thermic protection

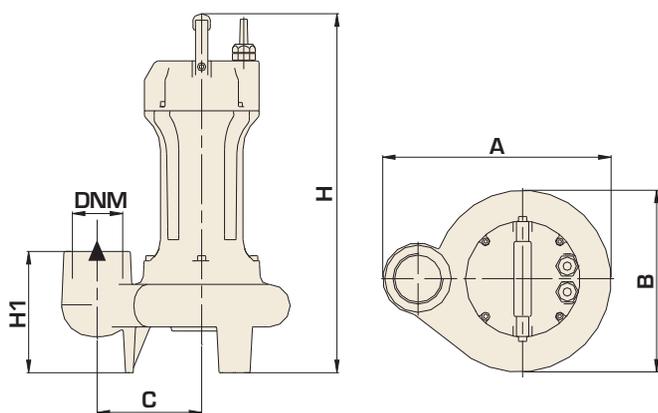


TYPE	NOMINAL POWER P2		INPUT POWER P1	AMPERE	Q = CAPACITY												
	HP	kW	kW		Single-phase	m³/h	3	6	9	12	15	18	21	24	27	30	
Single-phase					lt/1'	50	100	150	200	250	300	350	400	450	500		
230V-50Hz				1 x 230V	Total head in meters w.c.												
<b>SCM 100 VS</b>	1	0,75	1,1	4,8	H (m)	9,5	9	8	6,5	5	4	3					

SUBMERSIBLE ELECTRIC PUMP WITH VORTEX IMPELLER



# SCM-VS



TYPE	DIMENSIONS mm						DIMENSIONS mm 			Weight Kg
	A	B	C	H	H1	DNM	P	L	H	
Single-phase										
<b>SCM 100 VS</b>	278	218	126	430	145	2"	230	300	490	20

## APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts.

Suitable in civil and industrial water

systems, for cesspool drainage with oily or chemical liquids, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.

## MATERIALS

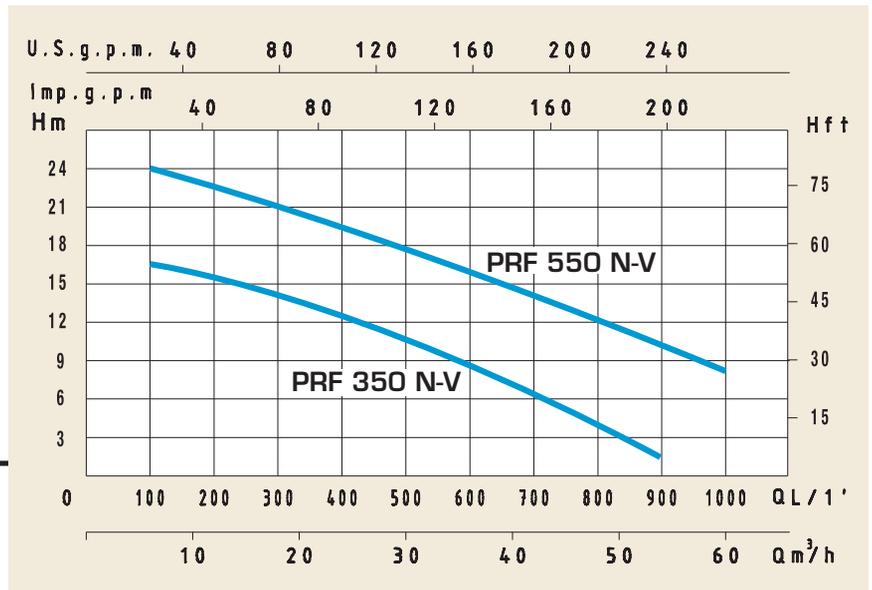
- Motor body                                      Cast Iron
- Pump body                                        Cast Iron
- Impeller    Cast Iron
- Shaft with rotor                                Stainless Steel
- Double mechanical seal                      Silicon/Silicon + Ceramic/Graphite

## OPERATING CONDITIONS

- Liquid temperature up to 60°C
- Submersion depth 20 mt.
- Grain size inlet Ø 70 mm
- Min. suction level 190 mm
- Continuous duty

## MOTOR

- Insulation Class F
- Protection IP 68
- Thermic protection



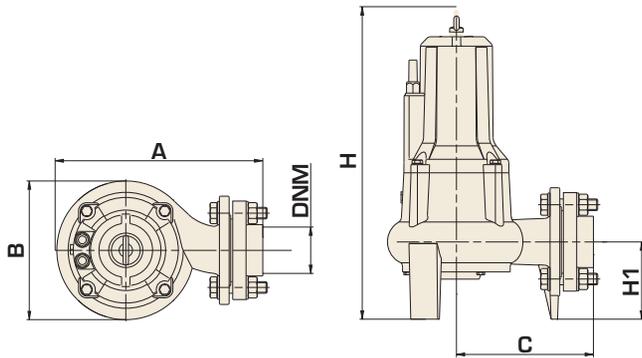
TYPE	NOMINAL POWER P2		INPUT POWER P1	AMPERE	Q = CAPACITY											
	HP	kW			kW	Single-phase	m³/h	6	12	18	21	24	30	36	48	54
Single-phase						lt/1'	100	200	300	350	400	500	600	800	900	1000
230V-50Hz					1 x 230V	Total head in meters w.c.										
PRF 350 N-V	3,5	2,5	3,5	6	H (m)	17	16	15	14	13	11	9	5	2		
PRF 550 N-V	5,5	4	7,5	12,2		24	23	21	20	19	17	16	12	10	8	

# SUBMERSIBLE ELECTRIC PUMP WITH VORTEX IMPELLER

ACCESSORY



# PRF-V



TYPE	DIMENSIONS mm						DIMENSIONS mm 			Weight Kg
	A	B	C	H	H1	DNM	P	L	H	
Single-phase	A	B	C	H	H1	DNM	P	L	H	Kg
<b>PRF 350 N-V</b>	358	256	229	593	143	3"	275	380	610	45
<b>PRF 550 N-V</b>	358	256	229	628	143	3"	275	380	650	51

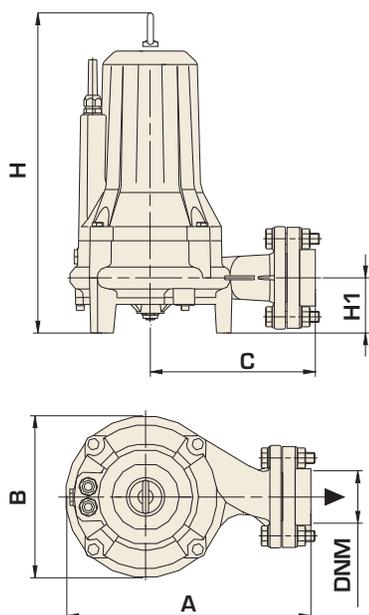


## CUTTING SUBMERSIBLE PUMPS

INCLUDED IN THE SINGLE-PHASE MODELS



ACCESSORY



# CUTTY

### DIMENSIONS AND WEIGHTS

TYPE		DIMENSIONS mm						DIMENSIONS mm 			Weight
Single-phase	Three-phase	A	B	C	H	H1	DNM	P	L	H	Kg
CUTTY 200 N		300	206	200	446	72	1" 1/2	220	320	450	35
CUTTY 250 N	CUTTY 250 N-T	305	206	200	468	72	1" 1/2	220	320	450	45

## APPLICATION

Thanks to their important features, SQ pumps are the ideal solution for the carriage of waters coming from cleaners, sewing systems, zootechnic farms, slaughter-houses, foundries and for irrigation in agricultural field.

Applicable in fishing industry, paper mills and in civil and industrial plants. The pumps adopt open single-blade impeller which allows free passage of suspended parts and high performance.

## MATERIALS

- Motor body                      Cast iron
- Pump body                      Cast iron
- Impeller                         Cast iron
- Shaft with rotor                Stainless steel
- Mechanical seal                Ceramic/Graphite

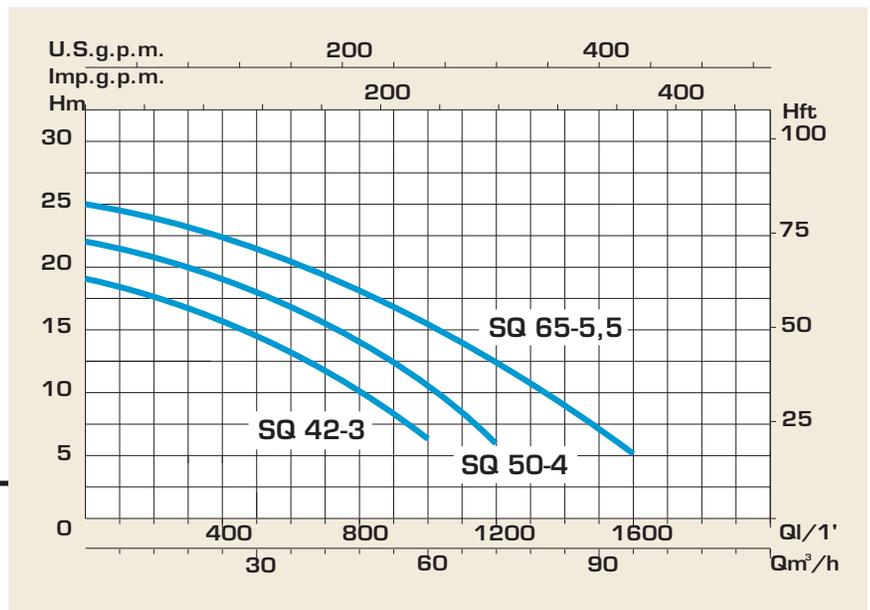
Tipo - Type	DIMENSIONI mm - DIMENSIONS mm					
	DN	DE	K	fori - holes		flange flanges
				n°	Ø	
SQ 42-3	80	190	150	4	18	3"
SQ 50-4	80	190	150	4	18	3"
SQ 65-5,5	100	210	170	4	18	4"

## OPERATING CONDITIONS

- Liquid temperature up to 40°C
- Submersion depth max. 5 mt.
- Liquid PH from 4 to 10
- Continuous duty with completely submersed pump
- Liquid density 1,2 Kg/dm<sup>3</sup>

## MOTOR

- Insulation Class F
- Protection IP 68
- Thermic protection



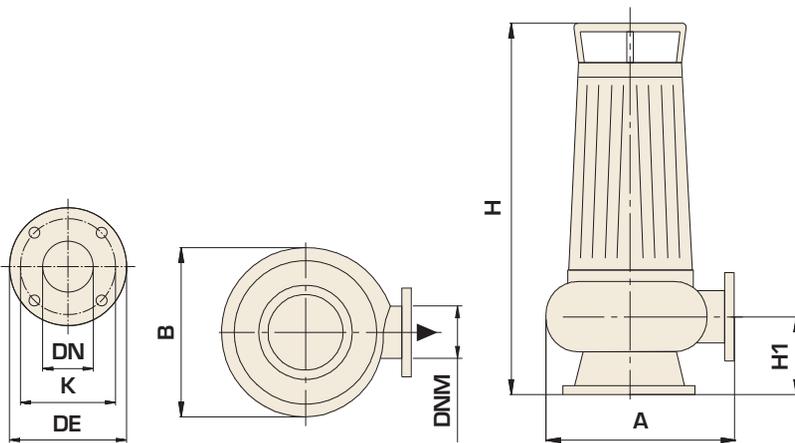
TYPE	NOMINAL POWER P2		INPUT POWER P1	AMPERE	Q = CAPACITY												
	HP	KW			KW	Three-phase		m³/h	6	12	18	24	36	48	60	72	84
Three-phase						lt/1'	100	200	300	400	600	800	1000	1200	1400	1600	
230/400V-50Hz				3 x 400V	Total head in meters w.c.												
<b>SQ 42 - 3</b>	4	3	4	7	H (m)	18	17	16	15	13	10	6					
<b>SQ 50 - 4</b>	5	4	5	9,3		22	21	20	19	16	13	10	6				
<b>SQ 65 - 5,5</b>	7,5	5,5	7,5	12,3		25	24	23,5	23	21	18	15	12	8	5		

# SUBMERSIBLE SEWAGE PUMPS

## ACCESSORY



# SQ



TYPE	DIMENSIONS mm					DIMENSIONS mm 			Weight Kg
	A	B	H	H1	Grain size inlet (mm)	P	L	H	
Three-phase									
<b>SQ 42 - 3</b>	310	270	580	125	Ø 60	400	320	770	77
<b>SQ 50 - 4</b>	310	270	600	125	Ø 60	400	320	770	79
<b>SQ 65 - 5,5</b>	330	280	670	130	Ø 70	450	370	980	119

# ACCESSORIES



24 LITERS MEMBRANE PRESSURE TANK

TYPE	MAX. PRESSURE	CAPACITY LITERS	CONNECTOR
<b>IDROSFERA</b>	8 bar	24	1"



MEMBRANE PRESSURE TANK CE

TYPE	MAX. PRESSURE	CAPACITY LITERS	CONNECTOR
<b>IDROPRESS 25</b>	8 bar	25 (20)	1"
<b>IDROPRESS 60</b>	8 bar	60	1"
<b>IDROPRESS 100</b>	10 bar	100	1"



MEMBRANE PRESSURE TANK CE

TYPE	MAX. PRESSURE	CAPACITY LITERS	CONNECTOR
<b>IDROSFERA 60</b>	10 bar	60	1"
<b>IDROSFERA 100</b>	10 bar	100	1"
<b>IDROSFERA 200</b>	10 bar	200	1½"
<b>IDROSFERA 500</b>	10 bar	500	1½"

PRESSURE SWITCH

TYPE	SIZE	CONNECTOR
<b>PM 5 - ML</b>	1,6 ÷ 3,2 bar	¼" Male



PRESSURE SWITCH

TYPE	SIZE	CONNECTOR
<b>FSG - 2</b>	1,4 ÷ 2,8 bar	¼" Female
<b>FYG - 22</b>	2,8 ÷ 7 bar	¼" Female
<b>FYG - 32</b>	5,6 ÷ 10,5 bar	¼" Female



## FLOATER

TYPE	SIZE
<b>IGD 10/S</b>	10 m



## ANTI VIBRATION FLEXIBLE HOSE

TYPE	CONNECTOR
<b>Flex hose 25x520x25</b>	Bend
<b>Flex hose 25x600x25</b>	Straight
<b>Flex hose 25x800x25</b>	Bend
<b>Flex hose 25x1000x25</b>	Straight
<b>Flex hose 32x1000x32</b>	Bend



## PRESSURE GAUGE

TYPE	SIZE	CONNECTOR
<b>Pressure gauge back attack</b>	Ø 50	1/4"
<b>Pressure gauge radial attack</b>	Ø 50	1/4"



## BRASS CONNECTOR

TYPE	SIZE
<b>4 way Connector</b>	1"
<b>5 way Connector</b>	1"



## PRESSURE REGULATOR FOR ELECTRIC PUMPS



TYPE	TYPE	TYPE
<b>FLUSSMATIC 1" x 1"</b>	<b>MONDIALPRESS 1" x 1"</b>	<b>MASCONTROL 1 1/4" x 1 1/4"</b>

**APPLICATION** - Particularly suitable for the automatic control in water pressure system. The pump starts and stops automatically when cocks are opened and the delivery is none. Device avoids dry running working and protects the pump from over-suction capacity.





