



Surface **Pumps**

Surface **Motors**

Surface Sewage Pumps

ELETTROPOMPE

Submersible **Motors**

Submersible
Sewage
Pumps

Submersible **Pumps**



HVAC

HVAC



CIVIL

Civile Civil



INDUSTRIAL

Industriale Industrial



AGRICOLTURE AND IRRIGATION

Agricoltura ed irrigazione Agricultura y riego



UNDERGROUND EXTRACTION

Estrazione dal sottosuolo Extracción del subsuelo



MINING

Minerario Mineria



0&G

0&G 0&G



WATER TREATMENT

Trattamento acque Tratamiento aguas MULTI-STAGE



SPLIT CASE

DOMESTIC







Surface







Pumps

Surface Sewage Pumps



MOTORS



ELETTROPOMPE

Submersible **Motors**

Surface

Motors

Submersible
Sewage
Pumps

Submersible **Pumps**



SEWAGE

INVERTER
PANELS
CABLE
ACCESSORIES





RADIAL

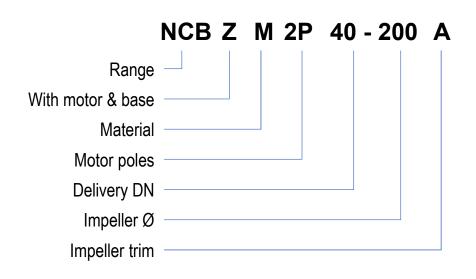
SEMI-AXIAL

RANGE



- GENERAL PURPOSE PUMPS
- TOP PERFORMANCES
- LOW OPERATING COSTS





- WIDE RANGE: > 600 models x 4 metallurgies (2400)
- COMPACT DESIGN EN733 standard (NCBK n.a.)
- -15 +90 °C (+120 °C on request)
- BACK PULL-OUT system
- HIGH EFFICIENCY ErP IE2 and IE3
- HEAVY DUTY (oversized shaft and bearings)
- Large selection of SEALS and METALLURGIES

Operation limits – rpm	1000	1500	1800	3000	3600
Max solids content - mg/l	125	85	65	65	65
Max solid diameter - mm	3	3	3	3	3
Max working t closed - min	3	3	3	3	3

RANGE



MG1

MG2

000

IR

NCB



NCBK









CLOSE-COUPLED

STUB-SHAFT

MONOBLOCK (SINGLE SHAFT)

LONG-COUPLED FLEXYBLE COUPLING



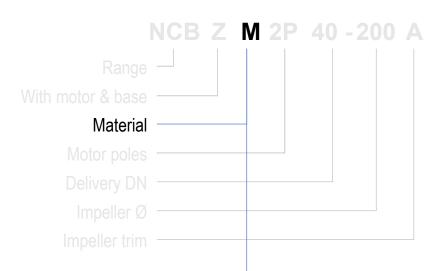




OPTIONS

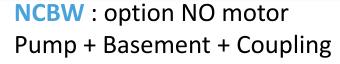


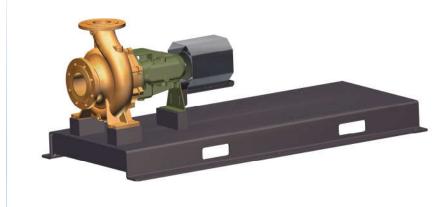
Material - metallurgies



SPACER Flexyble coupling







	Material		Mechanical Seal	Elastomer
-	Cast Iron	EN-GJL-250	BVEGG	EPDM
"M"	Bronze	G-CuSn10	Q1Q1VGG	VITON
"X"	Sianless Steel AISI 316	1.4408	Q1Q1VGG	VITON
"XD"	Sianless Steel Super Duplex	5A	Q1U3EG4G4	EPDM

WIDE RANGE

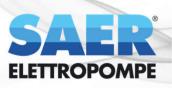


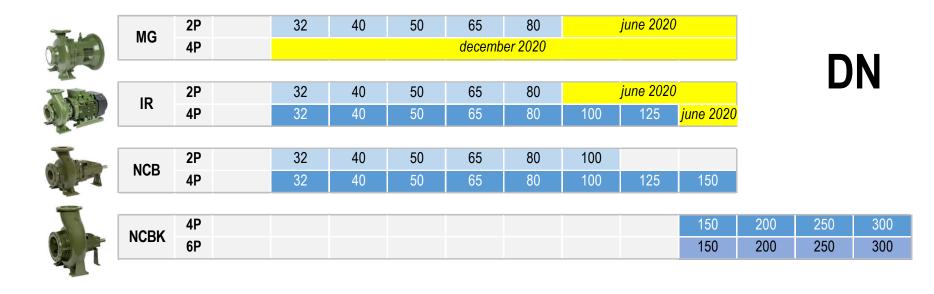


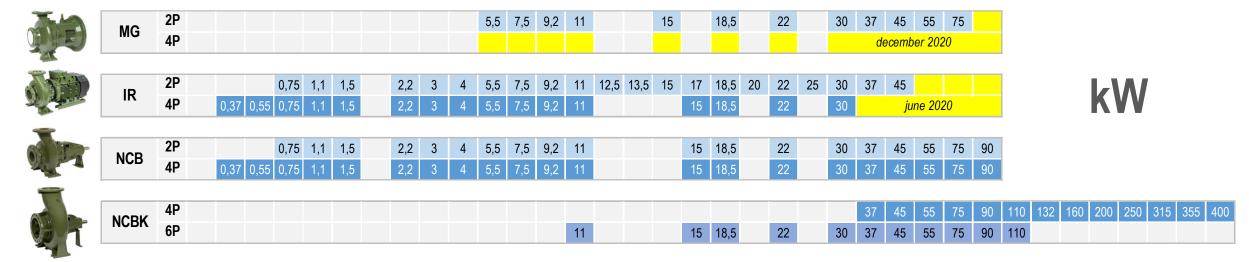
Range	Coupling	Connection	PN	Seal	STD Cast Iron	"X" AISI 316	"M" Bronze	"XSD" Super Duplex
MG	Stub-Shaft	Flanged	10/16	Mech.	70 211	70 211	70 211	70 211
IR	Mono-Block	Flanged	10/16	Mech.	170 211	170 211	170 211	170 211
NCB	Flex Coupling	Flanged	10/16	Mech.	206	206	206	206
NCBK	Flex Coupling	Flanged	16	Soft Packing	34	34	34	34

starting from 2021 Total end suction models: 2648













EN733







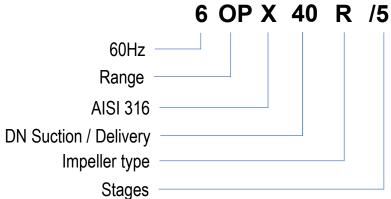
		MG	IR	NCB	NCBK	
		STUB SHAFT	MONO-BLOCK	BARE SHAFT / L	ONG COUPLED	
PN			10 (PN16 on request)		16	
Water Temp			-15° / +90°C (+1	20°C on request)		
Q max - m³/h	50 / 60Hz		680 / 800		2000 / 1700	
H max - m	50 / 60Hz		130 / 110		95 / 112	
	standard		BVEGG		Packing Seal	
SEAL	option	Q1Q1VGG			BVEGG	
	Ориоп		Q1U3EG4G4		Q1U3EGG - Q1U3VGG	
BEARINGS	standard		Gre	ase		
DEARINGS	option	-		Oil Bath - (on request	
WEAR RING	option	-		On request	AISI 316	
	standard		Cast	Iron		
MATERIAL			M - B	M - Bronze		
MAILMAL	option		X - Als	SI 316		
			XD - Supe	er Duplex		

HORIZONTAL MULTI-STAGE



- HIGH PRESSURE PUMPS
- PN10 PN16
- LOW OPERATING COSTS





- Compact design
- Mechanical seal EN 12756
- Close-coupled
- Threaded connections
- VFD vesrions











OP (DN)		OP 32 - 40 OP 50			OP 65		OP 100						
							MONO-	-BLOCK					
PN			PN13	(T<45°C) F	PN6 (45° <t<< th=""><th>90°C)</th><th></th><th></th><th>PN16</th><th>(T<45°C) F</th><th>N8 (45°<t<< th=""><th>90°C)</th><th></th></t<<></th></t<<>	90°C)			PN16	(T<45°C) F	N8 (45° <t<< th=""><th>90°C)</th><th></th></t<<>	90°C)	
Temp							-15° /	+90°C					
Q max - m³/h	50 / 60Hz		18 / 16			24 / 27			40 / 48		110 / 110		
H max - m	50 / 60Hz		100 / 80			128 / 108			160 / 150		130 / 150		
Delivery	Thread	G 1" (OP	32) - G1" 1/	2 (OP40)		G 2"			G 2"			G 3"	
Suction	Thread	G 1" 1/4 (C	P32) - G1"	1/2 (OP40)		G 2"		G 2"			G 4"		
SEAL	standard				•		BV1	/1EGG					
JLAL	option												
		OP	OPX	OPTX	OP	OPX	OPTX	OP	OPX	OPTX	OP	OPX	OPTX
	Sleeve	AISI 304	AISI	316	AISI 304	AISI 316		AISI 304	AISI	316	AISI 304	AISI 316	-
	Impeller	AISI 304	AISI	316	BRASS	AISI 316	-	EN-GJL250	AISI	316	BRASS	AISI 316	-
	Diffuser	AISI 304	AISI	316	EN-GJL250	AISI 316	-	EN-GJL250	AISI	316	EN-GJL250	AISI 316	-
MATERIAL	Shaft	AISI	431	DUPLEX	AISI	431	-	AISI	431	DUPLEX	AISI	431	-
	Wear ring	RESIN		BRC	NZE					BRONZE			
	Suction	EN-G	JL250	AISI 316	EN-G	JL250	-	EN-G	JL250	AISI 316	EN-G	JL250	-
	Discharge	EN-G	JL250	AISI 316	EN-G	JL250	-	EN-G	JL250	AISI 316	EN-G	JL250	-

MULTI-STAGE VERTICAL

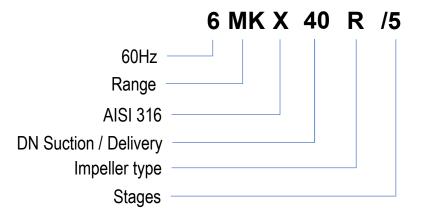
MKM - MK

SAER® ELETTROPOMPE

- HIGH PRESSURE PUMPS
- PN16 PN40
- LOW OPERATING COSTS

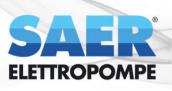
- Compact design
- Mechanical seal EN 12756
- Double wear ring
- VFD vesrions
- Horizontal installation
- Over-sized shaft AISI431





MKM - MK

VERTICAL MULTI-STAGE





MKM 32-40

VERTICAL MULTI-STAGE

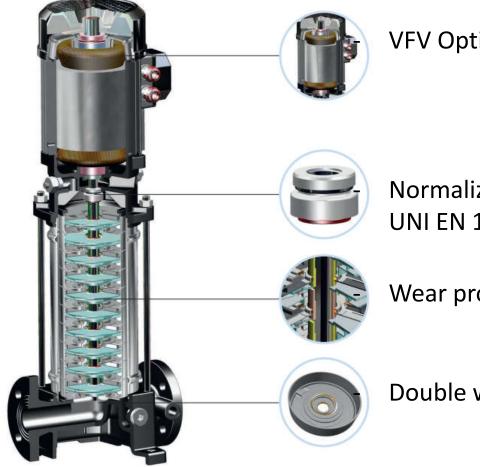


- Mono-block pumps (single shaft)
- DN 32, 40
- Techno-polymer wear rings
- AISI 304 hydraulics





MKM 32-40						
37 models	Q max	15 m ³ /h				
2 poles	H max	125 m				
3000 rpm	P _{2 max}	4 kW				
Туре	Water Temp	Max Pressure				
	Water Temp -15 ÷ +90 °C	Max Pressure 25 bar				
Type Circular flange	•					



VFV Option

Normalized mechanical seal **UNI EN 12756**

Wear proof bushings

Double wear rings

Oval flange version includes threaded counter-flanges

MK 32-40

VERTICAL MULTI-STAGE



- Stub-shaft
- DN 32, 40
- Techno-polymer wear rings
- AISI 304 hydraulics





MK 32-40						
80 models	Q max	15 m ³ /h				
2 poles	H max	226 m				
3000 rpm	P ₂ max	9,2 kW				
Туре	Water Temp	Max Pressure				
•	Water Temp -15 ÷ +90 °C	Max Pressure 25 bar				
Type Circular flange	·					

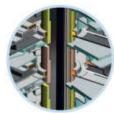




Thrust bearing



Normalized mechanical seal UNI EN 12756



Wear proof bushings



Double wear rings

Oval flange version includes threaded counter-flanges

MK 50-65-100

VERTICAL MULTI-STAGE



- Stub-shaft
- DN 32, 40
- Cast Iron impellers
- Cast Iron diffusers





MK 50-65-100						
79 models	Q max	110 m ³ /h				
2 poles	H max	360 m				
3000 rpm	P ₂ max	55 kW				
Туре	Water Temp	Max Pressure				
	Water Temp -15 ÷ +90 °C	Max Pressure 25 bar				
Type Circular flange	•	1 1111				

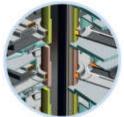




Thrust bearing



Normalized mechanical seal UNI EN 12756



Wear proof bushings



Double wear rings

In option threaded counter-flanges







Full AISI 316 version is available on:

MK32

MK40

MK50

MK65

MK100



Impellers
Precision casted
AISI 316



Diffusers
Precision casted
AISI 316



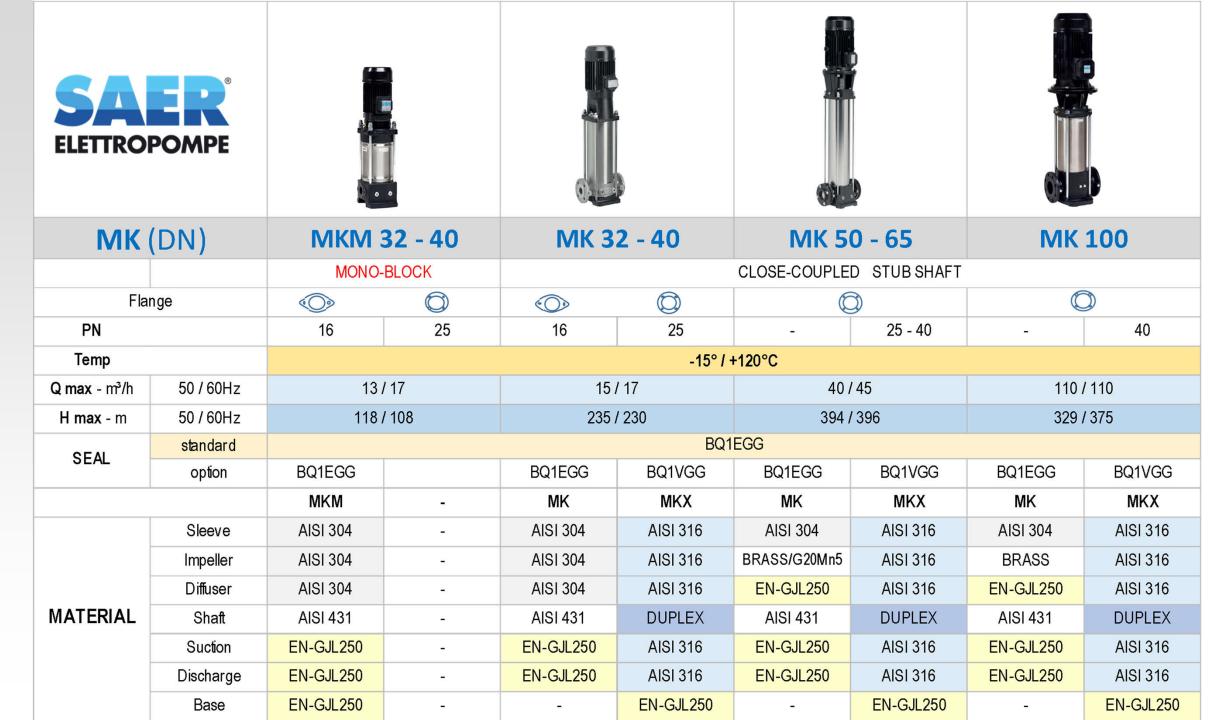
Outlet/Suction
Precision casted
AISI 316



Shaft SS Duplex 1.4362



Mech. Seal Q1U3VGG or U3U3VGG

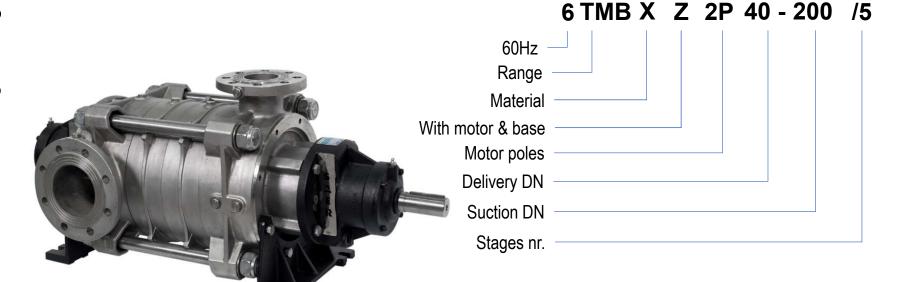


TM TMB TMV

RING SECTION MULTISTAGE



- HIGH PRESSURE PUMPS
- PN16 PN40 PN63
- LOW OPERATING COSTS



- HEAVY DUTY (oversized shaft and bearings)
- Balanced drum, impeller holes axial loads reduction
- Wear rings front & rear
- Wide configuration set
- Large selection of SEALS and METALLURGIES

n	Operation limits - rpm	1000	1500	1800	3000	3600
	Max solids content - mg/l	65	65	65	65	65
	Max solid diameter - mm	2	2	2	2	2
	T Max working closed - min	2	2	2	2	2

TM TMB TMV

RING SECTION MULTISTAGE

- More than 150 models
- Delivery DN 40, 50, 65, 80, 100, 125, 150, 200
- 50 / 60Hz
- Flexible suction/delivery configuration







ELETTROPOMPE

	TM	
42 models	Q max	500 m ³ /h
2/4 poles	H max	330 m
	P ₂ max	400 kW

	TMB	
70 models	Q max	850 m ³ /h
2/4 poles	H max	610 m
	P ₂ max	710 kW

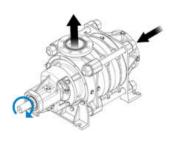
TMV					
15 models	Q max	500 m ³ /h			
2/4 poles	H max	210 m			
	P ₂ max	200 kW			

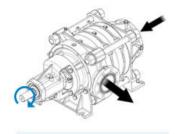
TM TMB TMV

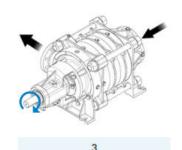
CONFIGURATIONS





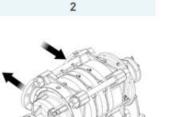


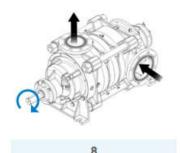




TMB

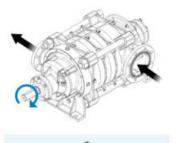




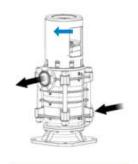


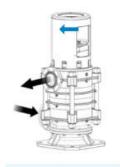


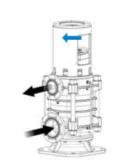




TMV















		TM	TMB	TMV			
		Horizontal - axial suction	Horizontal - radial suction	Vertical - radial suction			
PN	standard	40÷63 (T=20°C)					
Water Temp			-15° / +120°C				
Q max - m³/h	50 / 60Hz	425 / 510	850 / 1020	300 / 330			
H max - m	50 / 60Hz	208 / 225	642 / 608	205 / 236			
SEAL	standard	Packing Seal	Packing Seal	Packing Seal			
balanced>12bar	option	BQ1EFF					
Dalai 10 0 07 12Dal		A / B - Q1 / U3 - E / V GG					
BEARINGS	standard	Grease	Grease + oiler	Grease + oiler			
BLAKINGS	option	Oil Bath	Oil Bath	-			
	standard	Steel					
WEAR RING	option	Bronze					
		Techno-polymer					
	standard	Cast Iron					
MATERIAL	option	X - AISI 316					
		XD - Super Duplex					

TM TMB

APPLICATION FIELDS



The RING-SECTION multistage pumps TM are used in:

- water plants supply
- water filtration (RO)
- irrigation systems
- systems of high pressure lifting
- in heating and conditioning systems
- refrigeration
- snowing
- cleaning
- in condensed extraction



IN-LINE

L - RANGE

SAER ELETTROPOMPE

- CIRCULATING PUMPS
- PN16 spheroidal Cl
- LOW OPERATING COSTS
- Erp efficiecncy







Range With Inverter Motor poles Suction - Delivery DN Impeller nominal Ø Impeller actual Ø Impeller material

- Ductile Iron body -15 +140 °C
- High quality level reliable
- Vertical installation
- High efficiency MEI>0,7 most models
- On-board VFD option up to 15kW
- Selection of impeller metallurgies

Operation limits - rpm	1500	3000
Max solids content - mg/l	85	65
Max solid diameter - mm	3	3
T Max working closed (water 20°C) min	5	5





DN		25 32 40 50	65	80 100 125 150		
		MONO-	CLOSE-COUPLED STUB SHAFT			
PN	standard					
FN	option	25		-		
Temp		-15°C / +140°C				
Q max - m³/h	50Hz	65	105	800		
H max - m	50Hz	100	93	60		
	standard	AQ1EGG				
SEAL	option	BQ1EGG				
		Q1Q1VGG				
	body	Spheroidal Cast Iron				
MATERIAL		Cast Iron (please check catalogue)				
III) (1 E1(I) (E	Impeller	AISI 316 (please check catalogue)				
		Bronze (please check catalogue)				





- Split case body
- High efficiency
- Low NPSHr



6 SKD Z 200 - 315

60Hz -	
Range -	
Group Pump-Motor	
DN Suction / Delivery	
Impeller type	

- Double wear rings
- Double volute design
- Low vibration (low radial pressure)
- No shaft flexion

Operation limits - rpm	1500	3000
Max solids content - mg/l	85	65
Max solid diameter - mm	3	3
T Max working closed (water 20°C) min	5	5





ADVANTAGES

Double wear rings

Available in:

- AISI 304
- AISI 316
- Bronze
- Tecno-polymer



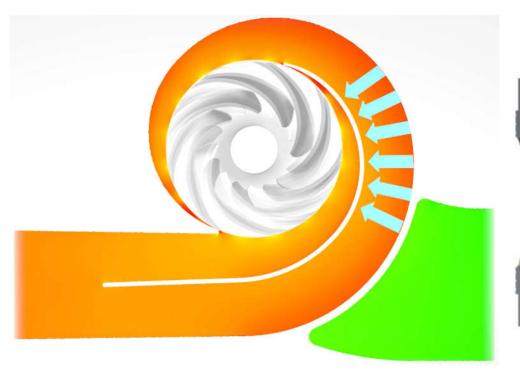








- Double volute design
- Low vibration (low radial pressure)
- No shaft flexion





SKD

Special versions















SKD (DN delivery)		80	125	150	200	250	300	500
	Impeller Ø		230-333	312-515	274-630	300-750	445-475	600
PN		25	16		25		16	10
Temp		-15°C / +120°C						
Q max - m³/h	50 / 60Hz		up to 4000 m3/h					
H max - m	50 / 60Hz		up to 220 m					
SEAL	standard	Packing Seal						
SEAL	option	BQ1EFF						
BEARINGS	standard	Grease						
BLARINGS	option	Oil Bath						
WEAR RING	standard	AISI 304 - Bronze						
WEAR KING	option	AISI 316 - Techno-polymer						
	standard	Cast Iron						
MATERIAL		Bronze (on request)						
WATERIAL	option	X - AISI 316 (on request)						
		XD - Super Duplex (on request)						



APPLICATION FIELDS



The SKD split case pumps are suitable in:

- water plants supply
- irrigation systems
- systems of high pressure lifting
- in heating and conditioning sys
- refrigeration
- in condensed extraction
- fire fighting



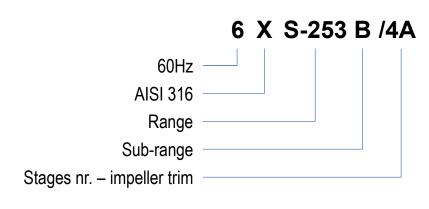


SUBMERSIBLE BORE-HOLE

RANGE

SAER® ELETTROPOMPE

- Wide range 4" 6" 8" 10" 12" 14"
- Quality components
- Metallurgies available
- Horizontal installation





SUBMERSIBLE MOTORS

- Re-windable
- Heavy duty components
- 4" to 12"
- Up to 300kW
- Oil filled 4" 6"
- Water filled 6" 8" 10" 12"
- Horizontal installation



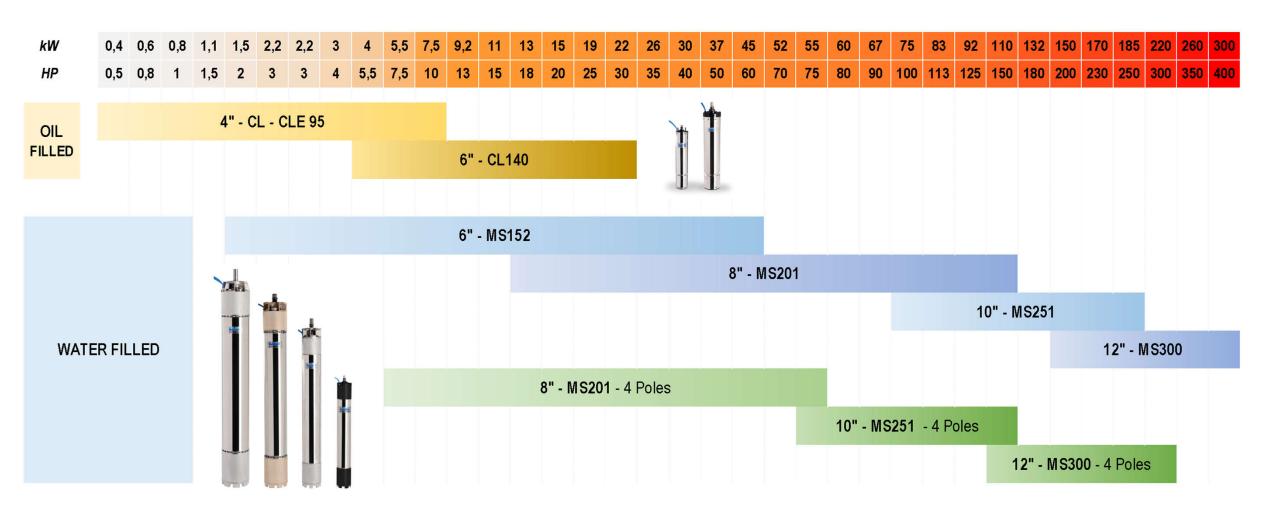




Submersible Motors

RANGE Overview





6" Submersible Motors

Oil and Water filled - comparison



MS WATER FILLED RE-WINDABLE

Winding: Copper winding with PVC or PE2+PA insulation

Filling: mono-propylene glycole and water.

Advantages:

- Motor fully repairable (motor replacement not frequent)
- Water infiltration no problem
- Heavy duty construction (kingsbury thrust bearing)
- Wide range of sizes and metallurgies

Disadvantages:

- Max water temp 50°C (PE+PA winding)
- Re-winding needs expert operator



PE2+PA wire (polyethylene with sheathing of polyamide)



Filling: non-toxic oil (FDA approved) suitable for potable water use

Advantages:

- Class F winding
- Motor fully repairable (same rewinding as normal el. motor)
- Commercial bearing for axial thrust
- Good price

Disadvantages:

- Often oil is not desirable for potable applications non-toxic oil!
- Water leaking will be a problem
- Not heavy duty design
- Limited range and metallurgies





SEWAGE SUBMERSIBLE

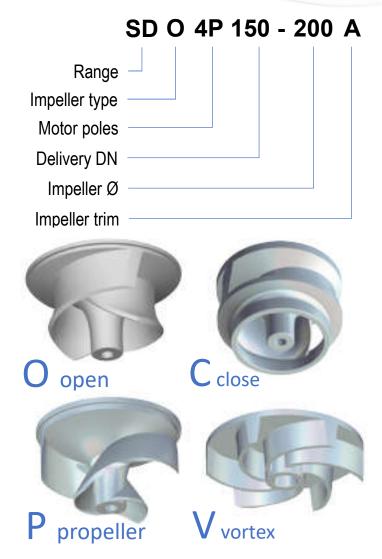
SAER® ELETTROPOMPE

- 4 IMPELLER TYPE
- TOP PERFORMANCES IE3
- EASY MAINTENANCE
- SUBMERSED USE

ADVANTAGES

- free passage up to 100 mm
- Viscous liquids (up to 150 cSt)
- Double mechanical seal
- Wear disk
- HEAVY DUTY (100,000 hours bearings)
- Adjustable wear ring distance





SDSEWAGE SUBMERSIBLE



WATER PROOF

Cable exit technology tested against water penetration up to 20 bars.

CORROSION RESISTANT

Two-component epoxy paint against corrosion according to En 12944-6 grade c3-m.

ENARGY SAVING

Saer premium ie 3 motors from 2,2 kW up to 55 kW, 2, 4 or 6 poles.

SAFE

Exclusive double mechanical seal in oil chamber protection for trouble-free functioning. Protection probes for humidity, temperature, overheating, ...

VERSATILE

Pump available in cast iron, aisi 316 and duplex. Several types of impellers availables. For submerged or dry installation.



Terminal block studied for easy maintenance.

RELIABLE

Heavy duty resistant materials for all components.

RESISTANT

Long life bearings for average life by 100.000 hours, continuous running (MTBF)

SDSEWAGE SUBMERSIBLE



Con the second	v	Anti clogging vortex impellers Giranti a vortice anti intasamento
	P	Multi-channel propeller open impeller to pump charged liquids, also in presence of fibrous substances Girante elicoidale multicanale aperta per pompare liquidi carichi, anche in presenza di sostanze fibrose
	0	Multi-channel open impeller with helical channel wear disc. minimized risk of clogging Girante multicanale aperta con disco di usura a canale elicoidale. Rischio minimo di intasamento
	С	Closed peripheral impeller for top efficiency in pumping charged liquids with low fibrous substances Girante periferica chiusa per la massima efficienza nel pompare liquidi caricati con sostanze fibrose basse





* Under develop

	onder develop			40* 50* 65* 80 100 150 200 250 30																						
SD (DN	delivery)	40*	50*	65*			80				1	100)				150)				200)		250	300
	Impeller Ø	97	102	136	112	125	160	200	225	160	200	250	265	280	225	250	315	335	375	225	250	280	315	355	315	400
	Open						•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Closed						•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Propeller						•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Vortex	•	•	•	•	•	•	•	•		•	•		•		•										
PN	standard												PN	1 16												
Temp		-15°C / +40°C 25 35 55 150 300 660 1230																								
Q max - m³/h	50Hz	25 35 55 150 300 660 1230 13 14 20 38 32 58 46																1200	1800							
H max - m	50Hz	13 11 20 38 32 58 46														27	25									
Temp	max	40°C																								
Free Passage	mm	40	50	55	55	48	75	75	80	40	40		25	40	45	55	100	70	50	70	70	52	60	90	90	120
SEAL	standard									C	Q1Q1I	PGG	+ AQ1	IPGG	(sec	ondar	y)									
JEAL	option									C	Q1U3I	PGG	+ AQ1	IPGG	(sec	ondar	y)									
SENSORS	standard											PΤ	C on	windi	ings											
SENSORS	standard										WAT	ER S	ENSC	OR in	oil cha	ambe	•									
CABLE	10m						NSSI	HOU	7-v	vire ca	able (3	3+3	+ eart	h) + 4	4-wire	cable	e (PT	C + W	later L	.evel)						
MATERIAL	Body												Cas	t Iron												
													Cas	t Iron												
	Impeller	X - AISI 304 - AISI 316																								
												XD	- Sup	er Dı	ıplex											

SEWAGE

SD ACCESSORIES







SAER WATER DETECTOR



AUTOMATIC COUPLING SYSTEM

SEWAGE

SURFACE - NCA RANGE



- OPEN IMPELLER
- TOP PERFORMANCES
- LOW OPERATING COSTS

NCA Z 4P 40 - 200 A

Range
With motor & base

Motor poles

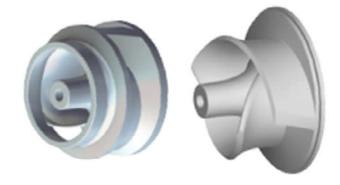
Delivery DN

Impeller Ø

Impeller trim



- free passage up to 100 mm
- Viscous liquids (up to 150 cSt)
- BACK PULL-OUT system
- HEAVY DUTY (oversized shaft and bearings)
- Adjustable wear ring distance







NCA (DN	delivery)	125	150	200	250	300							
	Impeller Ø	315	315 - 400	315 - 400	315 - 400	400 - 500							
PN				PN16									
Temp				-10°C / +110°C									
Q max - m³/h	50 / 60Hz			250 to 2400 m3/h									
H max - m	50 / 60Hz			up to 80 m	up to 80 m								
SEAL	standard			Packing Seal	Packing Seal								
SEAL	option			BQ1EFF									
BEARINGS	standard			Grease									
BLAKINGS	option			Oil Bath									
WEAR RING	standard			Carbon Steel									
WLAR RING	option			AISI 316									
MATERIAL	standard			Cast Iron EN-GJS-500									

T-ONE

COMPACT PRESSURIZATION SYSTEM



FEATURES

- Up to 15 m3/h up to 4 bar
- Integrated VFD
- Silent (water immersed 60 dBA)
- Easy interface (set point)
- Multi-pump configuration (8 max)
- Power supply 50 60 Hz



5 ranges - 10 models

	Q max	H max
	(m3/h)	(m)
A 5	4	40
A 7	4	56
X 5	6	43
X 7	6	60
B4	7,5	36
B6	7,5	55
C 5	10	42
C 7	10	60
D4	13	34
D5	15	43

T-ONE

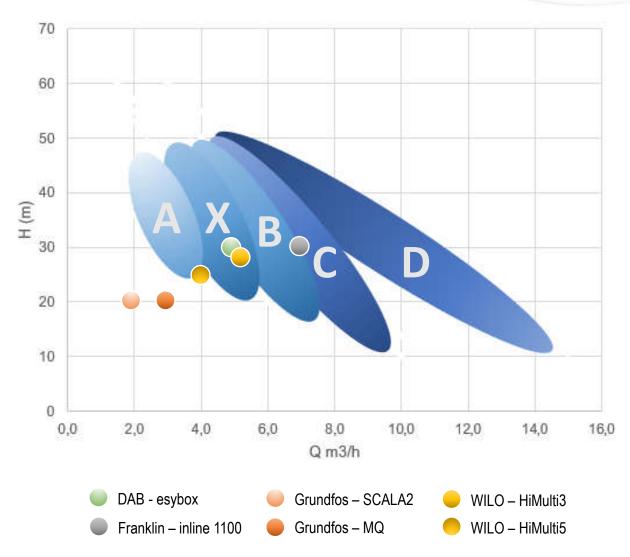
COMPACT PRESSURIZATION SYSTEM



- 3600 rpm motor
- Delivery DN 2"G
- Ambient temp max 50°C
- Water max 35°C







MT2 - MT4

SURFACE MOTORS 2/4 POLES — B3 B5





SAER

Manufactures **Surface motors**:

- TEFC Normalized IEC 60034
- 50 60 Hz
- 2 and 4 poles
- 0,18 110 kW
- Mountings (EN 50347): **B3 B5 B14 B35**
- Efficiency class (IEC 60034-30): **IE1, 2, 3, 4**
- Single phase 1~ and three phases 3~

MEC	71	80	90	100	112	132	160	180	200	225	250	280
IP	54	4*					5	5				
IF	*IP55 on	request										



50Hz MOTORS

2/4 poles – MM2 MT2 MT4



1~	PHASE	kW	0,18	0,25	0,37	0,55	0,75	0,9	1,1	1,5	2,2	3	4
1~	ITIAOL	HP	0,25	0,33	0,5	0,75	1	1,2	1,5	2	3	4	5,5
	MM2 - 1~				71MC	71MC	71MC	71ML	80MC	80MC	80ML	100L	112MC
	2 POLES						80MC			90SC	90LC		

50 Hz

MM4 - 1~	UPON REQUEST
4 POLES	OF ON MEQUEOR



	PHASE	KVV	0,18	0,25	0,37	บ,วว	0,75	1,1	1,5	2,2	3	-	5,5	7,5	9,2		15	18,5	22	26	30	3/	45	22	75	92	110
3~	FIIAOL	HP	0,25	0,33	0,5	0,75	1	1,5	2	3	4	5,5	7,5	10	12,5	15	20	25	30	35	40	50	60	75	100	125	150
	MT2	EN 50347			71MC	71MC	80MC	80MC	90SC	90LC	100L	112MC	132SMC	132SMC		160LC	160LC	160LC	180M		200L	200L	225SM	250MC	280SMC	280SMC	
	2 POLES						71MC		80MC	90SC		100L	112ML		132SMC	132SMC	132SMC		160LC	180M							280SN
E2																											
6.—	MT4	EN 50347		71MC	71ML	80MC	80ML	90SL	90LL	100L	100L	112ML	132SMC	132SMC			160LC	180M			200L	225SM	225SM	250MC	280SMC	280SMC	
	4 POLES		71MC												132SMC	160LC			180M								280SN
	MT2	EN 50347			71MC	71MC	80MC	80MC	90SC	90LC	100L	112MC	132SMC	132SMC		160LC	160LC	160LC	180M		200L	200L	225SM	250MC	280SMC	280SMC	
	MT2 2 POLES	EN 50347			71MC	71MC	80MC 71ML	80MC	90SC 80ML	90LC	100L	112MC 100L	132SMC 112ML			160LC 132SMC		160LC	180M 160LC	180M	200L	200L	225SM	250MC	280SMC		
E3	100000 000 000 000 000 000 000 000 000	EN 50347			71MC	71MC		80MC		90LC	100L							160LC		180M	200L	200L	225SM	250MC	280SMC		
E3	100000 000 000 000 000 000 000 000 000	EN 50347		71MC	71MC 71ML	71MC 80MC	71ML	80MC 90SL		90LC 100L	100L	100L			132SMC			160LC 180M		180M	200L 200L				280SMC		280SN

60Hz MOTORS

2/4 poles – MM2 MT2 MT4



1~	PHASE	kW HP	0,18 0,25	0,25 0,33	0,37 0,5	0,55 0,75	0,75	0,9 1,2	1,1 1,5	1,5 2	2,2 3	3	4 5,5
	MM2 - 1~				71MC	71MC	71MC	71ML	80MC	80MC	80ML	100L	112MC
	2 POLES						80MC			90SC	90LC		

0.18 0.25 0.37 0.55 0.75 1.1

60 Hz



MM4 - 1~	UPON REQUEST	
4 POLES	OF ON NEGOEST	

3~	PHASE	AFF	0,10	0,20	0,07	0,00	0,10	٠,٠	1,0	2,2	~	-	0,0	7,0	٥,٢		10	10,5		20	50	51	70	55	10	32	110
3~	THAGE	HP	0,25	0,33	0,5	0,75	1	1,5	2	3	4	5,5	7,5	10	12,5	15	20	25	30	35	40	50	60	75	100	125	150
	MT2	EN 50347			71MC	71MC	80MC	80MC	90SC	90SC	100L	112MC	132MC	132MC		160LC	160LC	160LC	180M		200L	200L	225SM	250MC	280SMC	280SMC	
	2 POLES						71MC		80MC	90LC		100L	112ML		132SMC	132SMC	132SMC		160LC	180M							280SMC
IE2					*	N.																			is a second		
	MT4	EN 50347		71MC	71ML	80MC	80MC	90SL	90LL	100L	100L	112ML	132SMC	132SMC		160LC	160LC	180M			200L	225SM	225SM	250MC	280SMC	280SMC	
	4 POLES		71MC												132SMC				180M								280SML
												•															
	MT2	EN 50347			71MC	71MC	80MC	80MC	90SC	90LC	100L	112MC	132SMC	132SMC		160LC	160LC	160LC	180M		200L	200L	225SM	250MC	280SMC	280SMC	
	2 POLES						71MC		80ML			100L	112ML		132SMC	132SMC	132SML		160LC	180M							280SML
IE3																											
	MT4	EN 50347		71MC	71ML	80MC	80ML	90SL	90LL	100L	100L	112ML	132SMC	132SMC		160LC	160LL	180M			225SM	225SM	225SM	250ML	280SMC	280SML	
	4 POLES		71MC												132SML				180M								280SML
	4 POLES		71MC												132SML				180M								

Accessories

Control Panels & thermal sensors



SAER

Offers a wide range of control panel for submersible and surface motors:

- Direct start (electromechanical or electronic)
- Star-delta
- Impedance start
- Soft start
- Inverter (VFD)









As well as **sensors**

- PTC
- PT100
- anti-condensation heaters
- Vibration sensors







(to be requested at order confirmation)

