

# SAER<sup>®</sup>

## ELETTROPOMPE

HOUSEHOLD AND PROFESSIONAL ELECTRIC PUMPS

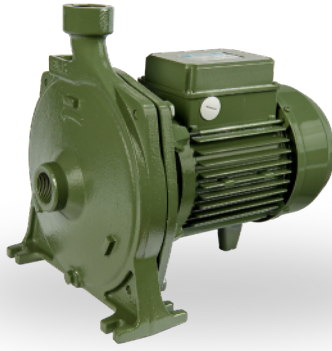
60 Hz



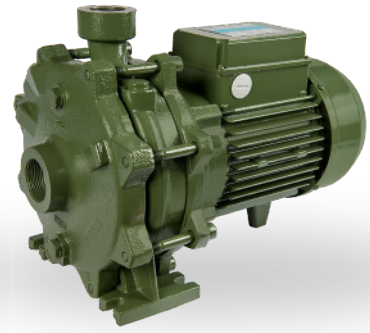
KF Series



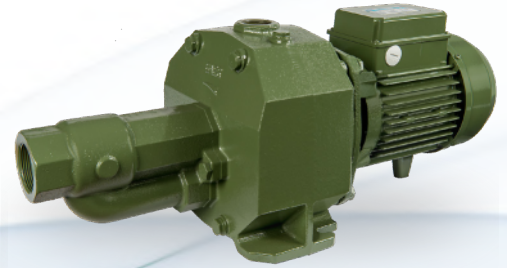
CM Series



FC Series



M Series



M Inox Series



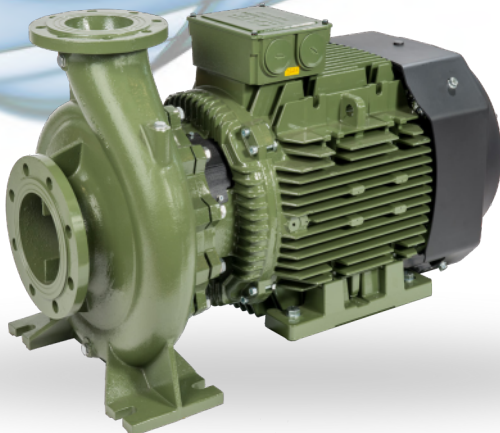
CB Series



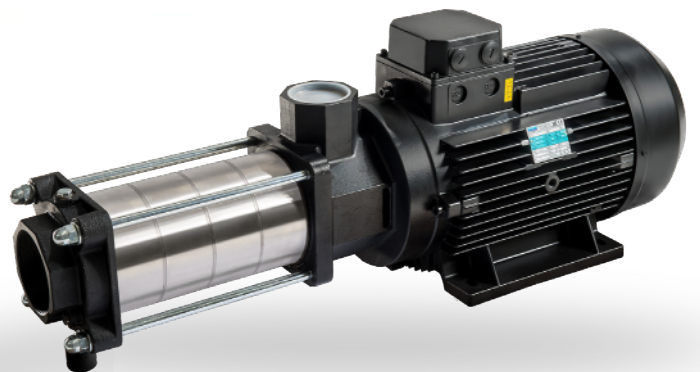
AP Series



IR Series



OP Series



# MATERIALI E COMPONENTI PRINCIPALI

Materials and main parts • Materiales y componentes principales

## KF Series

Corpo pompa • Pump body • Cuerpo bomba	Girante • Impeller • Impulsor		Albero • Shaft • Eje	Tenuta meccanica • Mechanical seal • Cierre mecánico			
Ghisa Cast iron Hierro fundido EN-GJL-200/EN-GJL-250	Ottone Brass Latón		Acciaio inossidabile Stainless steel Acero inoxidable AISI 420 (1.4028)/AISI 431 (1.4057)	1	2	3	4
				B	V	P	FF

## CMP Series

Corpo pompa • Pump body • Cuerpo bomba	Girante • Impeller • Impulsor		Albero • Shaft • Eje	Tenuta meccanica • Mechanical seal • Cierre mecánico			
Ghisa Cast iron Hierro fundido EN-GJL-200	Resina termoplastica Thermoplastic resin Resina termoplastica	Ottone Brass Latón	Acciaio inossidabile Stainless steel Acero inoxidable AISI 420 (1.4028)/AISI 431 (1.4057)	1	2	3	4
				B	V	P	FF

## CM Series

Corpo pompa • Pump body • Cuerpo bomba	Girante • Impeller • Impulsor		Albero • Shaft • Eje	Tenuta meccanica • Mechanical seal • Cierre mecánico			
Ghisa Cast iron Hierro fundido EN-GJL-200	Resina termoplastica Thermoplastic resin Resina termoplastica	Ottone Brass Latón	Acciaio inossidabile Stainless steel Acero inoxidable AISI 420 (1.4028)/AISI 431 (1.4057)	1	2	3	4
				B	V	P	FF

## FC Series

Corpo pompa • Pump body • Cuerpo bomba	Girante • Impeller • Impulsor		Albero • Shaft • Eje	Tenuta meccanica • Mechanical seal • Cierre mecánico			
Ghisa Cast iron Hierro fundido EN-GJL-200	Ottone Brass Latón		Acciaio inossidabile Stainless steel Acero inoxidable AISI 420 (1.4028)/AISI 431 (1.4057)	1	2	3	4
				B	V	P	FF
				Q1	V	E	GG

## CB Series

Corpo pompa • Pump body • Cuerpo bomba	Girante • Impeller • Impulsor		Albero • Shaft • Eje	Tenuta meccanica • Mechanical seal • Cierre mecánico			
Ghisa Cast iron Hierro fundido EN-GJL-200	Resina termoplastica Thermoplastic resin Resina termoplastica	Ottone Brass Latón	Acciaio inossidabile Stainless steel Acero inoxidable AISI 420 (1.4028)/AISI 431 (1.4057)	1	2	3	4
				B	V	P	FF

## M94-M97-M99-M600-M700 Series

Corpo pompa • Pump body • Cuerpo bomba	Girante • Impeller • Impulsor		Albero • Shaft • Eje	Tenuta meccanica • Mechanical seal • Cierre mecánico			
Acciaio inossidabile Stainless steel Acero inoxidable AISI 304 (1.4301)	Resina termoplastica Thermoplastic resin Resina termoplastica	Ottone Brass Latón	Acciaio inossidabile Stainless steel Acero inoxidable AISI 420 (1.4028)/AISI 431 (1.4057)	1	2	3	4
				B	V	P	FF

## M150-M200 Series

Corpo pompa • Pump body • Cuerpo bomba	Girante • Impeller • Impulsor		Albero • Shaft • Eje	Tenuta meccanica • Mechanical seal • Cierre mecánico			
Ghisa Cast iron Hierro fundido EN-GJL-200	Resina termoplastica Thermoplastic resin Resina termoplastica	Ottone Brass Latón	Acciaio inossidabile Stainless steel Acero inoxidable AISI 420 (1.4028)/AISI 431 (1.4057)	1	2	3	4
				B	V	P	FF

## M50-M60-M70-M80 Series

Corpo pompa • Pump body • Cuerpo bomba	Girante • Impeller • Impulsor		Albero • Shaft • Eje	Tenuta meccanica • Mechanical seal • Cierre mecánico			
Ghisa Cast iron Hierro fundido EN-GJL-200	Resina termoplastica Thermoplastic resin Resina termoplastica	Ottone Brass Latón	Acciaio inossidabile Stainless steel Acero inoxidable AISI 420 (1.4028)/AISI 431 (1.4057)	1	2	3	4
				B	V	P	FF



# KF Series

60Hz ~3600 1/min

## Elettropompe a canali periferici

Peripheral electric pumps

Electrobombas con conductos perifericos



### LIMITI DI FUNZIONAMENTO

Operating limits • Limites de empleo

**Temperatura liquido pompato** • Maximum temperature of pumped liquid • Temperatura del líquido bombeado: -15°C ÷ +70°C (+5°F ÷ +158°F)

**Pressione massima di esercizio** • Maximum working pressure • Presión máxima de funcionamiento: 9 bar

**Temperatura massima ambiente** • Maximum ambient temperature • Temperatura ambiente máxima: +40°C (+104°F)

### CARATTERISTICHE IDRAULICHE

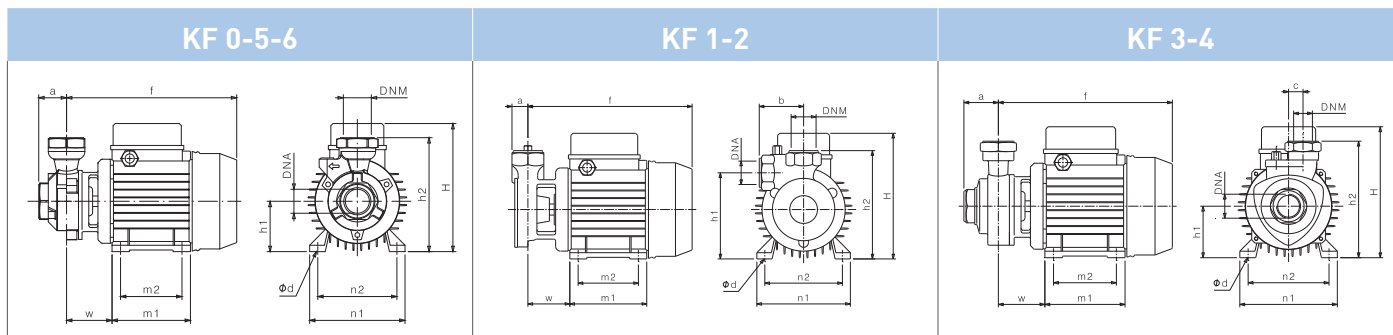
Hydraulic features • Características hidráulicas

Tipo Type	P <sub>2</sub>		Q	U.S.g.p.m.																	
	kW	HP		0		2,6		5,3		7,9		10,6		13,2		15,9		18,5			
				m <sup>3</sup> /h	l/min	0	0,6	1,2	1,8	2,4	3	3,6	4,2	0	0,6	1,2	1,8	2,4	3	3,6	4,2
KF0	0,37	0,5	H(m)	H(ft)	30	98	24	78	18	59	11	36	4	13							
<b>KF1</b>	<b>0,37</b>	<b>0,5</b>			40	131	32	105	25	82	17	55,8	9	29,6							
KF2	0,55	0,75			54	177	49	160	42,5	139	37	121	29	95	21	69	13	42			
KF3	0,55	0,75			62	203	50	164	36	118	26	85	17	56	6	20					
KF4	0,75	1			76	216	63	190	46	157	33	131	22	95	11	62					
KF5	1,1	1,5			73	240	68	223	61	200	52	170	43	140	33	108	23	75	13	42	
KF6	1,5	2			88	288	82	269	73	243	63	206	52	169	41	133	29	97	18	60	

Tolleranze secondo UNI EN ISO 9906:2012-Grado 3B. • Tolerance according to UNI EN ISO 9906:2012-Grade 3B. • Tolerancia de acuerdo con UNI EN ISO 9906:2012-Clase 3B.

### DIMENSIONI - VERSIONI STANDARD

Dimensions - standard versions • Dimensiones - versiones estándar



Tipo Type	P <sub>2</sub>		Motore Motor		DNA <sup>1</sup>	DNM <sup>1</sup>	f (mm)	a (mm)	b (mm)	c (mm)	m1 (mm)	m2 (mm)	n1 (mm)	n2 (mm)	H (mm)	h1 (mm)	h2 (mm)	Ød (mm)	w (mm)	
	kW	HP	MEC	~																3~ η
KF0	0,37	0,5	63	1~3~	IE1-IE2	1" G	1" G	215	35	-	-	100	80	120	100	166	63	143	7	60
<b>KF1</b>	<b>0,37</b>	<b>0,5</b>	<b>63</b>	1~3~	IE1-IE2	1" G	1" G	225	23	68	-	100	80	120	100	166	109	143	7	68
KF2	0,55	0,75	71	1~3~	IE1-IE2	1" G	1" G	237	23	64	-	112	90	135	112	180	124	156	7	64
KF3	0,55	0,75	71	1~3~	IE1-IE2	1" G	1" G	240,5	45	-	20	112	90	135	112	180	71	161	7	64,5
KF4	0,75	1	71	1~3~	IE1	1" G	1" G	240,5	45	-	20	112	90	135	112	180	71	161	7	64,5
KF4	0,75	1	71	3~	IE2-IE3	1" G	1" G	260,5	45	-	-	112	90	135	112	180	71	161	7	64,5
KF5	1,1	1,5	80	1~3~	IE1-IE2-IE3	1" G	1" G	274	45	-	-	124	100	152	125	200	80	175	9	69
KF6	1,5	2	80	1~3~	IE1-IE2	1" G	1" G	274	45	-	-	124	100	152	125	200	80	175	9	69
KF6	1,5	2	80	3~	IE3	1" G	1" G	310	45	-	-	124	100	152	125	200	80	175	9	69

Disegni dimensionali, pesi e immagini sono unicamente indicativi e non vincolanti • Dimensional drawing, weight and picture are indicative only and not binding • Dimensiones, pesos y fotografías son indicativos y no vinculantes

<sup>1</sup> Versione con filettatura NPT fornibile a richiesta • Version with NPT thread available on request • Versión con rosca NPT disponible bajo pedido



# CERTIFICATO

Nr. 50 100 3317 - Rev.007

Si attesta che / This is to certify that

IL SISTEMA QUALITÀ DI  
THE QUALITY SYSTEM OF

**SAER**<sup>®</sup>  
ELETTROPOMPE

**SAER ELETTROPOMPE S.p.A.**

SEDE LEGALE E OPERATIVA:  
REGISTERED OFFICE AND OPERATIONAL SITE:

**VIA CIRCONVALLAZIONE 22  
IT - 42016 GUASTALLA (RE)**

SEDI OPERATIVE: **VEDI ALLEGATO 1**  
OPERATIONAL SITES: **SEE ANNEX 1**

È CONFORME AI REQUISITI DELLA NORMA  
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF

**UNI EN ISO 9001:2015**

QUESTO CERTIFICATO È VALIDO PER IL SEGUENTE CAMPO DI APPLICAZIONE  
THIS CERTIFICATE IS VALID FOR THE FOLLOWING SCOPE

**Progettazione e fabbricazione di elettropompe centrifughe e  
sommersa, motori elettrici e motori sommersi;  
commercializzazione dei relativi accessori (IAF 18, 19, 29)**

**Design and manufacture of centrifugal and submersible electric  
pumps and electrical and submersible motors;  
trade of related accessories (IAF 18, 19, 29)**



SGQ N° 049A

Membro degli Accordi di Mutuo Riconoscimento  
EA, IAF e ILAC  
Signatory of EA, IAF and ILAC Mutual  
Recognition Agreements

Per l'Organismo di Certificazione  
For the Certification Body  
**TÜV Italia S.r.l.**

Validità / Validity

Dal / From: **2018-07-04**

Al / To: **2021-07-03**

**Andrea Coscia**  
Direttore Divisione Business Assurance

Data emissione / Printing Date

**2018-07-04**

**PRIMA CERTIFICAZIONE / FIRST CERTIFICATION: 2003-10-09**

"LA VALIDITÀ DEL PRESENTE CERTIFICATO È SUBORDINATA A SORVEGLIANZA PERIODICA A 12 MESI E AL RIESAME COMPLETO DEL SISTEMA DI GESTIONE AZIENDALE CON PERIODICITÀ TRIENNALE"

"THE VALIDITY OF THE PRESENT CERTIFICATE DEPENDS ON THE ANNUAL SURVEILLANCE EVERY 12 MONTHS AND ON THE COMPLETE REVIEW OF COMPANY'S MANAGEMENT SYSTEM AFTER THREE-YEARS"

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- Performances and tolerances according to UNI EN ISO 9906 - Grade 3B
- Prestaciones y tolerancias de acuerdo con UNI EN ISO 9906 - Clase 3B
- Performances et tolerances conformes aux normes UNI EN ISO 9906 - Degrè 3B
- Эксплуатационные показатели соответствуют нормам UNI EN ISO 9906 - класс 3B
- Leistungen und Abweichungen gemäß UNI EN ISO 9906:2012 - STUFE 3B

**SAER**  
ELETTROPOMPE

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 SAER Pump Selector  



SAER is an ISO 9001:2015  
Certified Company  
Certificate N. 501003317

