

SAER[®]

ELETTROPOMPE

LEAFLET

MK - MULTISTAGE VERTICAL PUMPS

50-60 Hz



IE3 · PREMIUM EFFICIENCY
PREMIUM EFFICIENCY

IE4 · SUPER PREMIUM EFFICIENCY
SUPER PREMIUM EFFICIENCY



CAST IRON



AISI 316

AVAILABLE VERSIONS • VERSIONI DISPONIBILI

MKM

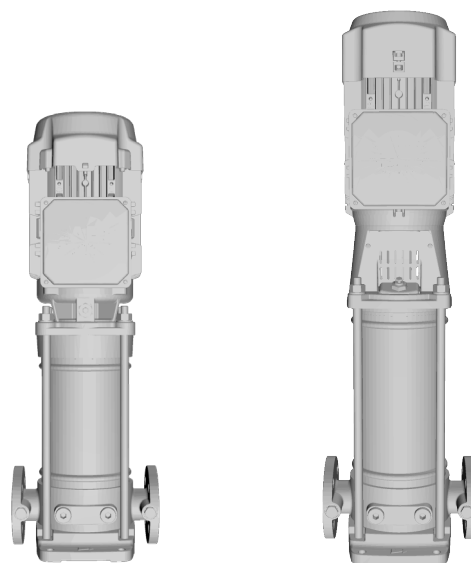
Close-coupled multistage electric pumps with extended motor shaft

Elettropompe multistadio monoblocco con albero motore prolungato

MK

Multistage electric pumps with B14 or B5 standard IEC motors coupled to the pump

Elettropompe multistadio con accoppiati motori B14 o B5 normalizzati IEC



MKM

MK

PERFORMANCE RANGES • GAMME DI PRESTAZIONI

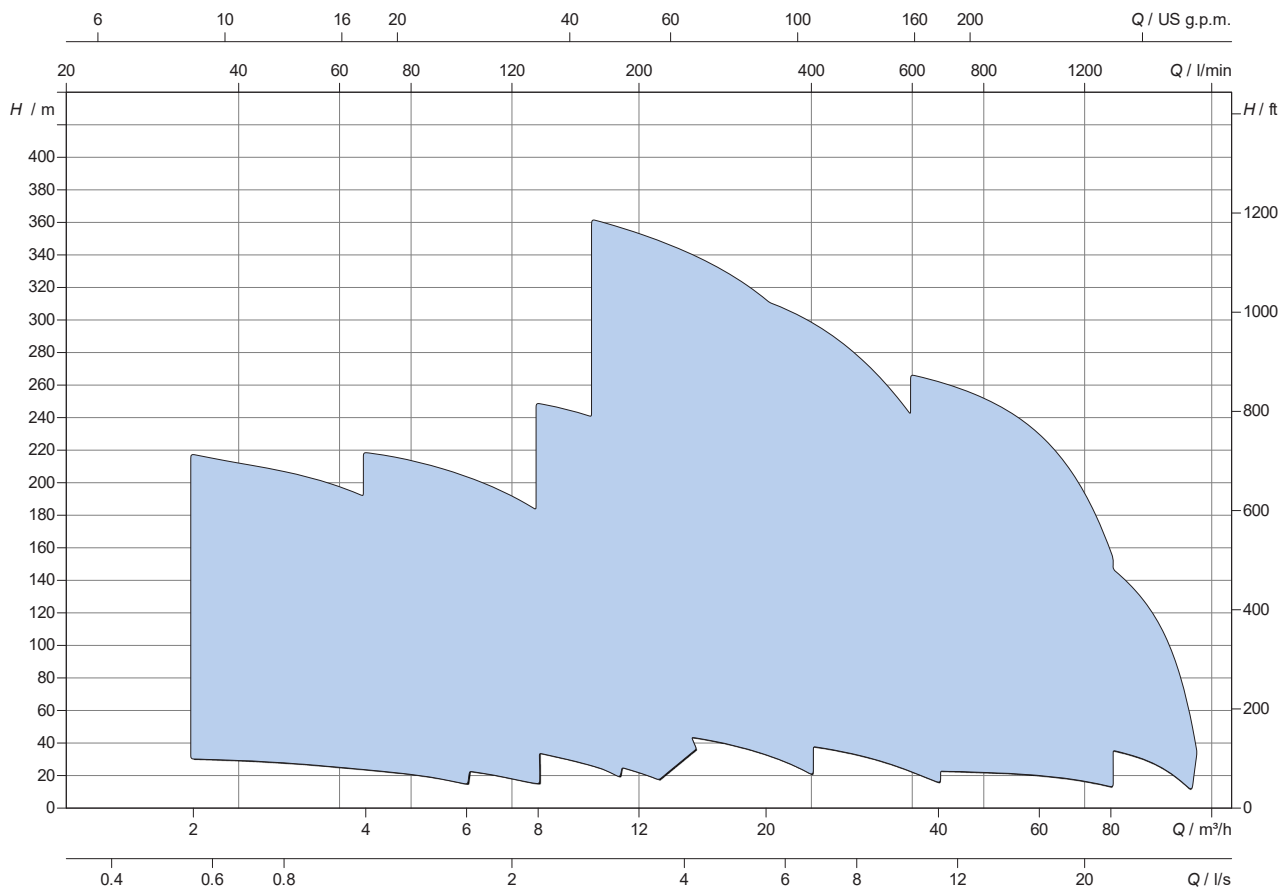
			50 Hz						
			MKM32	MKM40	MK32	MK40	MK50	MK65	MK100
FLOW Portata	m ³ /h	Min	1	4	1	4	6	10	12
		Max	8	15	8	15	24	40	110
HEAD Prevalenza	m	Min	15,5	14,5	15,5	15,9	22	17	12
		Max	118	136	235	235	263	394	331
POWER Potenza	kW	Min	0,75	1,5	0,75	1,5	3	5,5	5,5
		Max	2,2	4	5,5	9,2	15	30	55
PN	bar		16	16	25	25	25	40	40

			60 Hz						
			6MKM32	6MKM40	6MK32	6MK40	6MK50	6MK65	6MK100
FLOW Portata	U.S.g.p.m	Min	9	22	9	22	35	44	66
		Max	44	75	44	75	119	198	484
HEAD Prevalenza	ft	Min	56	30	54	30	89	62	52
		Max	354	344	755	748	797	1299	1230
POWER Potenza	HP	Min	1,2	2	1,5	2	5,5	10	7,5
		Max	4	5,5	7,5	12,5	20	50	75
PN	bar		16	16	25	25	25	40	40

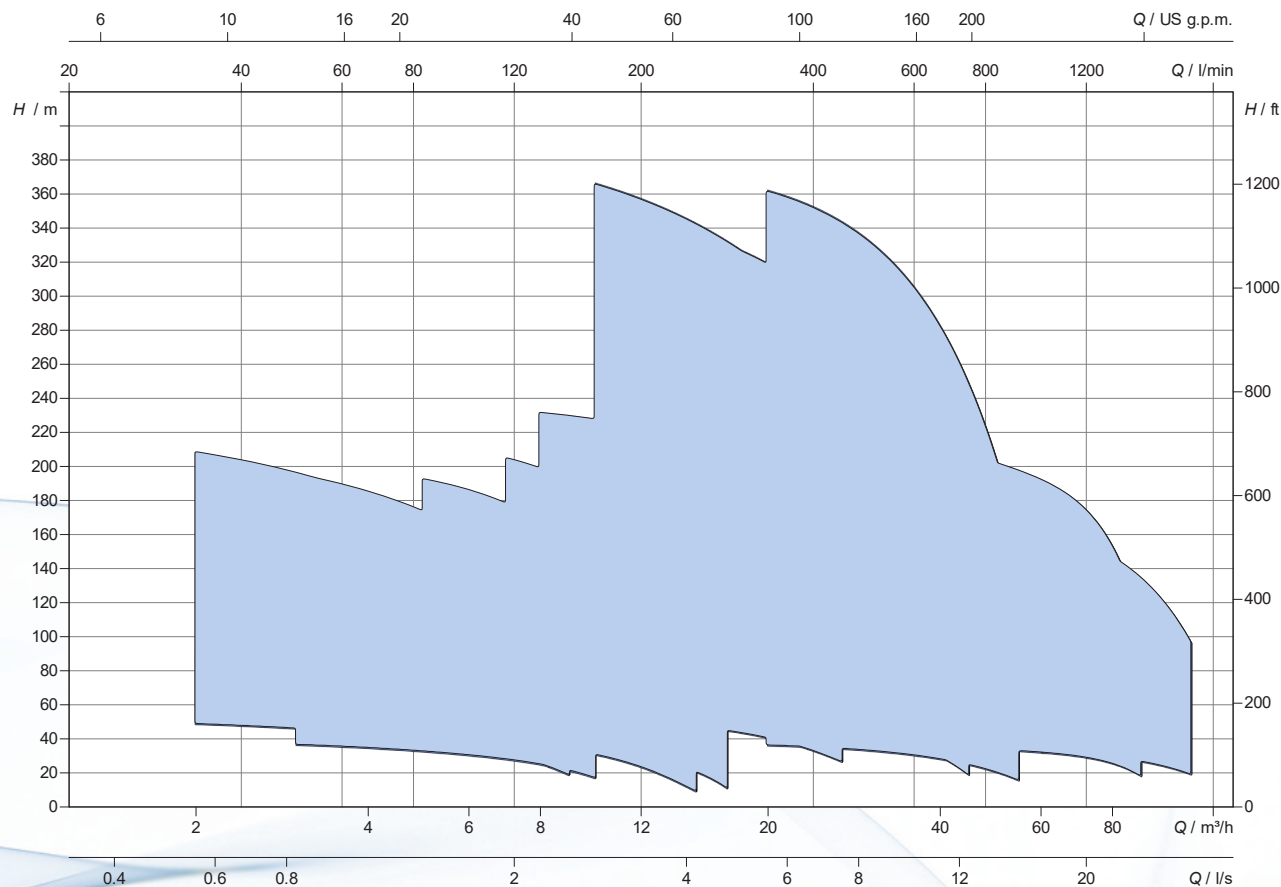
OPERATION LIMITS • LIMITI DI FUNZIONAMENTO

LIQUID TEMPERATURE Temperatura del liquido	-15 °C / +90 °C (+120 °C on request)	-5 °F / +194 °F (+248 °F on request)
AMBIENT TEMPERATURE Temperatura ambiente	-5 °C / +40 °C	+23 °F / +104 °F

PERFORMANCE CHART 50 Hz



PERFORMANCE CHART 60 Hz



FLANGES AND CONNECTIONS • FLANGE E CONNESSIONI

VERSIONS • VERSIONI

FL.C

CIRCULAR FLANGES ACCORDING TO EN 1092-1/2

Flange circolari in accordo a EN 1092-1/2

Availability – Disponibilità:

MKM32, MK32 – DN32 PN25

MKM40, MK40 – DN40 PN25

MK50 – DN50 PN25

MK65 – DN65 PN40

MK100 – DN100 PN40



FL.C ANSI

CIRCULAR FLANGES DRILLED ACCORDING TO ANSI/ASME

Flange circolari forate in accordo a ANSI/ASME

Availability – Disponibilità:

MKM32, MK32 – 1" 1/4 ANSI 150

MKM40, MK40 – 1" 1/2 ANSI 300 / 2" ANSI 150

MK50 – 2" ANSI 150

MK65 – 2" 1/2 ANSI 300

MK100 – 4" ANSI 300 / 4" ANSI 150

FL.O

OVAL FLANGES

Flange ovali

Availability – Disponibilità:

MKM32, MK32 – 1" 1/4 G - 1" G PN16

MKM40, MK40 – 1" 1/2 G PN16



FL. ..."G

THREADED CONNECTION

Connessione filettata

Availability – Disponibilità:

MKM32, MK32 – 1" G PN25

MKM40, MK40 – 1" 1/2 G PN25



VICT

VICTAULIC® CONNECTION

Connessione Victaulic®

Availability – Disponibilità:

MKM32, MK32 – DN32 1" 1/4 PN25

MKM40, MK40 – DN40 1" 1/2 PN25



MAIN MATERIALS • MATERIALI PRINCIPALI

BASE WITH INLET AND OUTLET • BASE CON MANDATA E ASPIRAZIONE

	STANDARD – MKM/MK	ON REQUEST – MKMX/MKX
FL.C	Cast iron - Ghisa EN GJL - 250	Casted stainless steel - Acciaio inossidabile fuso AISI 316 (1.4408-CF8M)
FL.C ANSI	Cast iron - Ghisa EN GJL - 250	Casted stainless steel - Acciaio inossidabile fuso AISI 316 (1.4408-CF8M)
FL.O	Cast iron - Ghisa EN GJL - 250	Casted stainless steel - Acciaio inossidabile fuso AISI 316 (1.4408-CF8M)
FL. ..."G	Casted stainless steel - Acciaio inossidabile fuso AISI 316 (1.4408-CF8M)	
VICT	Casted stainless steel - Acciaio inossidabile fuso AISI 316 (1.4408-CF8M)	

UPPER COVER • COPERCHIO SUPERIORE

STANDARD – MKM/MK	ON REQUEST – MKMX/MKX
Cast iron - Ghisa EN GJL - 250	Casted stainless steel - Acciaio inossidabile fuso AISI 316 (1.4408-CF8M)

TUBE • TUBO

STANDARD – MKM/MK	ON REQUEST – MKMX/MKX
Stainless steel - Acciaio inossidabile AISI 304 (1.4301)	Stainless steel - Acciaio inossidabile AISI 316 (1.4401)

IMPELLER AND DIFFUSER • GIRANTE E DIFFUSORE

	STANDARD – MKM/MK	ON REQUEST – MKMX/MKX
MKM32 MK32	Stainless steel - Acciaio inossidabile AISI 304 (1.4301)	Stainless steel - Acciaio inossidabile AISI 316 (1.4408-CF8M)
MKM40 MK40	Stainless steel - Acciaio inossidabile AISI 304 (1.4301)	Stainless steel - Acciaio inossidabile AISI 316 (1.4408-CF8M)
MK50	Cast iron - Ghisa EN GJL - 250	Casted stainless steel - Acciaio inossidabile fuso AISI 316 (1.4408-CF8M)
MK65	Cast iron - Ghisa EN GJL - 250	Casted stainless steel - Acciaio inossidabile fuso AISI 316 (1.4408-CF8M)
MK100	Impeller - Girante	Diffuser - Diffusore
	Brass - Ottone CuZn40	Cast iron - Ghisa EN GJL - 250
	Casted stainless steel - Acciaio inossidabile fuso AISI 316 (1.4408-CF8M)	

SHAFT • ALBERO

STANDARD – MKM/MK/MKMX	ON REQUEST – MKX
Stainless steel - Acciaio inossidabile AISI 431 (1.4057)	Stainless steel - Acciaio inossidabile Duplex (1.4362)

MECHANICAL SEAL • TENUTA MECCANICA*

	STANDARD – MKM/MK	ON REQUEST – MKMX/MKX
MKM	BVEGG	BWGG
MK	BQ1EGG	BQ1VGG

*Other configurations available upon request • Altre configurazioni disponibili a richiesta

SPECIAL VERSIONS • VERSIONI SPECIALI



ACS CERTIFIED VERSION FOR PUMPING DRINKING WATER

Versione certificate ACS per il pompaggio di acqua potabile

FULL AISI 316 STAINLESS STEEL VERSION

Versione interamente in acciaio inossidabile AISI 316

VERSION FOR HORIZONTAL INSTALLATION

Versione per installazione orizzontale

VERSION WITH EXTERNAL COATING ACCORDING TO CYCLE C5 MEDIUM ISO 12944

Versione con rivestimento esterno in accordo a Ciclo C5 Medium ISO 12944



VERSION WITH SAER INTEGRATED VFD (INVERTER) UP TO 18,5kW

Versione con inverter integrato a bordo motore fino a 18,5kW

IE4
SUPER PREMIUM EFFICIENCY

IE5
SUPER PREMIUM EFFICIENCY

VERSION WITH IE4 OR IE5 SUPER PREMIUM EFFICIENCY MOTOR

Versione con motore in classe di efficienza IE4 o IE5 (Super Premium Efficiency)

VERSION WITH UL/CSA CERTIFIED MOTOR FULFILLING IHP (INTEGRAL HORSEPOWER MOTOR RULE)

Versione con motore certificate UL/CSA che soddisfa lo IHP (Integral Horsepower Motor Rule)

VERSION WITH FLANGES DRILLED ACCORDING TO ASME/ANSI

Versione con flange forate in accordo a ASME/ANSI

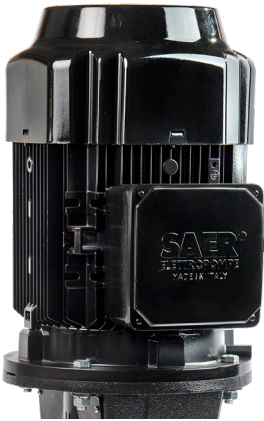
PAT (PUMP AS TURBINE) VERSION

Versione PAT (Pompa come turbina)

VERSIONS FOR SPECIAL APPLICATIONS

Versioni per applicazioni speciali

MOTORS • MOTORI



SAER MADE IN ITALY MOTORS ON THE WHOLE SERIES

Motori SAER Made in Italy su tutta la serie

Motors with IE3 and IE4 efficiency classes, ErP Directive compliant, oversized and suitable for use with frequency converter (inverter) as standard up to 55kW included.

Motori con classi di efficienza IE3 e IE4, conformi alla Direttiva ErP, sovradimensionati e adatti all'uso con convertitore di frequenza (inverter) di serie fino a 55kW inclusi.

SOME PROJECTS • ALCUNI PROGETTI

COOLING SYSTEM SISTEMA DI RAFFREDDAMENTO



BOOSTER SYSTEM SISTEMA DI PRESSURIZZAZIONE



FIRE-FIGHTING SYSTEM SISTEMA ANTINCENDIO



PUMP STATION STAZIONE DI POMPAGGIO



IRRIGATION IRRIGAZIONE

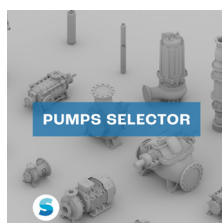


WATER SUPPLY FORNITURA IDRICA



- SAER si riserva la facoltà di modificare senza preavviso i dati riportati in questo catalogo.
- SAER can alter without notifications the data mentioned in this catalogue.

- Prestazioni e tolleranze secondo UNI EN ISO 9906 - Grado 3B
- Performances and tolerances according to UNI EN ISO 9906 - Grade 3B



SAER Pumps Selector



SAER
ELETTROPOMPE

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

