Made in Sweden Since 1983

PRICE LIST - EURO

VALID FROM JANUARY 1, 2024

IBC control

IBC control manufactures and stocks a complete program for controlling rotary heat exchangers. Keeping our promises and delivering on time is very important to us. We know from experience, this is appreciated by our customers.

MiniMax, MicroMax, VariMax CE, VariMax NG and MicroStart

THE COMPLETE PRODUCT FAMILY FOR AN OPTIMAL RUN OF ROTARY HEAT EXCHANGERS

Our control units have all the necessary functions for an optimal run of rotary heat exchangers. Additionable cards for docking such as difference temperature regulator with electric heat output, 2-rotor module card are available as accessories to MiniMax.

MiniMax is intended for rotor diameters up to 3500 mm and manages all input signals existing on the market. All our additional cards suit the MiniMax, which makes it our most cost efficient control unit.

MicroMax is intended for rotor diameters up to 1500 mm. Input signal of 0-10 V.

MicroMax180 is intended for rotor diameters up to 2500 mm. Input signal of 0-10 V.

MicroMax370 is intended for rotor diameters up to 3500 mm. Input signal of 0-10 V.

MicroMax750 is intended for rotor diameters up to 5000 mm. Input signal of 0-10 V.

MicroMax1500 is intended for rotor diameters up to 8000 mm. Input signal of 0-10 V.

VariMax25 CE is a stepper motor control intended for rotor diameters up to 1500 mm. Input signal of 0-10 V. The control unit must be combined with our VariMax-motor25 CE.

VariMax50 CE is a stepper motor control intended for rotor diameters up to 2500 mm. Input signal of 0-10 V. The control unit must be combined with our VariMax-motor50 CE.

VariMax100 CE is a stepper motor control intended for rotor diameters up to 3900 mm. Input signal of 0-10 V. The control unit must be combined with our VariMax-motor100 CE.

VariMax25 NG is a stepper motor control intended for rotor diameters up to 1500 mm. Input signal of 0-10 V. The control unit must be combined with our VariMax-motor25 NG.

VariMax50 NG is a stepper motor control intended for rotor diameters up to 2500 mm. Input signal of 0-10 V. The control unit must be combined with our VariMax-motor50 NG

MicroStart is a “hybrid control unit” between the simple on/off control unit and the more advanced stepless control unit for rotary heat exchangers. MicroStart is intended for rotor diameters up to 1500 mm. MicroStart has a pause/running time function controlled by the input signal, with a total cycle time of 60 seconds. Depending on the level of the input signal, the proportion between pause and running time changes. MicroStart has a built-in shift of the input signal, which implies that the rotor becomes proportional to the input signal. The control units are delivered in enclosed versions as standard, but may on demand be delivered in customer specific versions.

CE
All control units are CE-marked and is therefor also approved in accordance with the demands as specified in the EMC directive and the Low voltage directive.

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Terms of sale

WARRANTY

VariMax-assortment: five-year warranty after invoice date.
Other assortment: two-year warranty after invoice date.

PRICES

Given prices are in Euro excluding VAT.
The Euro prices are calculated against a exchange rate of 10,07 (SEK to EUR.) Changes of the currency may therefore affect the invoiced prices.

TERMS OF PAYMENT

30 days after invoice date.

TIME OF DELIVERY

By return from stock.

TERMS OF DELIVERY

EXW Höganäs, Sweden excl. packing.

DIRECTIONS OF DELIVERY

General directions of delivery Orgalime S 2012 counts for deliveries.
Incoterms 2020.

DRIVE SETS

Drive set for rotary heat exchanger with single rotor

The drive set consists of control unit, rotation monitor with bracket and motor with suitable pulley.

Drive set with MiniMax

Control unit in protection form IP54 for free mounting.

VP400VK	to	VP800 VK	1 265 EUR/set
VP850VK	to	VP1500 VK	1 332 EUR/set
VP1550VK	to	VP2500 VK	1 449 EUR/set
VP2550VK	to	VP3000 VK	1 644 EUR/set
VP3050VK	to	VP3500 VK	1 638 EUR/set

NOTE! EMC gland is not included in the price.

Drive set with MicroMax

Control unit in protection form IP54 for free mounting.

VP400VKC	to	VP800 VKC	with MicroMax	1 109 EUR/set
VP850VKC	to	VP1500 VKC	with MicroMax	1 372 EUR/set
VP1550VKC	to	VP2500 VKC	with MicroMax180	1 378 EUR/set
VP2550VKC	to	VP3000 VKC	with MicroMax370	1 661 EUR/set
VP3050VKC	to	VP3500 VKC	with MicroMax370	1 657 EUR/set
VP3550VKC	to	VP5000 VKC	with MicroMax750	1 925 EUR/set

NOTE! EMC gland is not included in the price.

Drive set with VariMax CE

Control unit in protection form IP54 for free mounting.
Motor connected with 2 m EMC-cable on VariMax25 CE and 3 m on the others.

VP1500VKE	Drive set 1500 VKE for rotor max 1500 mm	1 333 EUR/set
VP2500VKE	Drive set 2500 VKE for rotor max 2500 mm	1 546 EUR/set
VP3400VKE	Drive set 3400 VKE for rotor max 3400 mm	1 851 EUR/set
VP3900VKE	Drive set 3900 VKE for rotor max 3900 mm	1 856 EUR/set

NOTE! EMC gland is included in the price.

Drive set with VariMax NG

Control unit in protection form IP44 for free mounting.
Motor connected with 2 m EMC-cable on VariMax25 NG and 3 m on VariMax50 NG.

VP1500VKE-NG	Drive set 1500 VKE-NG for rotor max 1500 mm	1 254 EUR/set
VP2500VKE-NG	Drive set 2500 VKE-NG for rotor max 2500 mm	1 463 EUR/set

NOTE! EMC gland is included in the price.

Drive set for rotary heat exchanger with two rotors

The drive set consists of control unit with 2-rotor module, 2 pcs rotation monitors with brackets and 2 pcs motors with 2 pcs pulleys suitable for rotor diameter.

Drive set with MiniMax for 2-rotor operation

Control unit in protection form IP54 for free mounting.

VP400VK2	to	VP800 VK2	1 914 EUR/set
VP850VK2	to	VP1500 VK2	2 046 EUR/set
VP1550VK2	to	VP2500 VK2	2 281 EUR/set

NOTE! EMC gland is not included in the price.

Please visit our website, www.ibccontrol.se and experience all our functions, as:

News
Here you will find the latest news from IBC control.

Products
Here you find all necessary information about our products.

Inquiry
This is the place for you whether you have a question or would like to place an order.
At any time, whatever product, we will serve you.

Product catalogue and manuals
Here you can download or order our product catalogue and manuals.

Stepless run

MiniMax

Protection form IP54.

F21037601 *)	MiniMax	759 EUR/pcs.

MicroMax

Protection form IP54.

F21009301 *)	MicroMax	603 EUR/pcs.
F21018301 *)	MicroMax180	687 EUR/pcs.
F21037301 *)	MicroMax370	776 EUR/pcs.
F21075301 *)	MicroMax750	978 EUR/pcs.
F21150301 *)	MicroMax1500	Price on request

VariMax CE

Protection form IP54, to be combined with eachVariMax-motor CE.

F21025501	VariMax25 CE	777 EUR/pcs.
F21050501	VariMax50 CE	887 EUR/pcs.
F21100501	VariMax100 CE	1 001 EUR/pcs.

VariMax NG

Protection form IP44, to be combined with each VariMax-motor NG.

F21025305	VariMax25 NG	742 EUR/pcs.
F21050305	VariMax50 NG	846 EUR/pcs.

Regulated on/off run

MicroStart

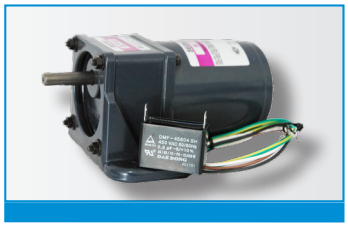
Protection form IP54.

F21008201 *)	MicroStart excl. capasitor	268 EUR/pcs.

*) NOTE! EMC gland is not included in the price.

Special motors for rotary heat exchangers

1-phase motors for on/off run or with MicroStart

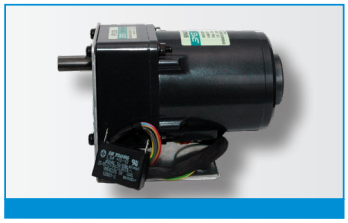


In line helical gear motor 1x230 V, 50 Hz
Built-in thermal contact, not drawn to terminal

F22006055	Motor 6/55	6 W / 55 rpm	359 EUR/pcs.
F22006080	Motor 6/80	6 W / 80 rpm	359 EUR/pcs.

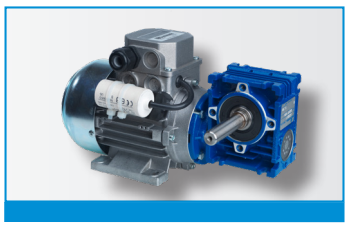
In line helical gear motor 1x230 V, 50 Hz
Built-in thermal contact, not drawn to terminal

F22025096	Motor 25/96	25 W / 96 rpm	449 EUR/pcs.
F22040100	Motor 40/100	40 W / 100 rpm	482 EUR/pcs.



In line helical gear motor with tachometer feedback 1x230 V, 50 Hz
Built-in thermal contact, not drawn to terminal

F22025100	Motor 25/100	25 W / 100 rpm	494 EUR
F22040101	Motor 40/100	40 W / 100 rpm	531 EUR



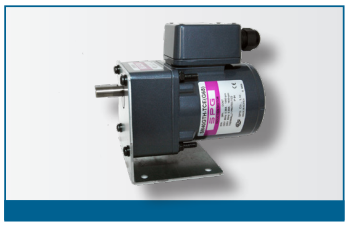
Worm gear motor 1x230 V, 50 Hz
Built-in thermal contact, drawn to terminal

F22090090	Motor 90/90	90 W / 91 rpm	563 EUR/pcs.
F22090141	Motor 90/140	90 W / 140 rpm	563 EUR/pcs.
F22180141 *)	Motor 180/140	180 W / 140 rpm	653 EUR/pcs.

*) At run, using the MicroStart, a contactor must be used.

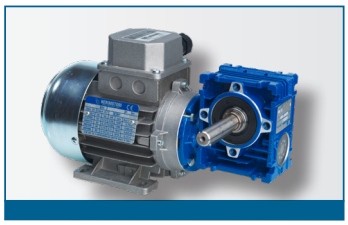
MOTORS 3-PHASE

3-phase motors for regulated run with MiniMax or MicroMax



In line helical gear motor 3x230 V, 50 Hz
Built-in thermal contact, drawn to terminal

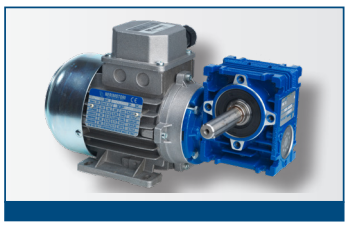
F22025075	Motor 25/75	25 W / 75 rpm	449 EUR/pcs.
F22040075	Motor 40/75	40 W / 75 rpm	482 EUR/pcs.
F22040075F	Motor 40/75F	40 W / 75 rpm	531 EUR/pcs.
F22060075	Motor 60/75	60 W / 75 rpm	611 EUR/pcs.



Worm gear motor IE1-IE2-IE3 3x230/400 V, 50 Hz
Built-in thermal contact, drawn to terminal

IE1 motors			
F22090068	Motor 90/68	90 W / 68 rpm	511 EUR/pcs.
F22090091	Motor 90/91	90 W / 91 rpm	511 EUR/pcs.
F22090140	Motor 90/140	90 W / 140 rpm	511 EUR/pcs.
F22090200	Motor 90/200	90 W / 200 rpm	511 EUR/pcs.
IE2 motors			
F22180073	Motor 180/72	180 W / 72 rpm	623 EUR/pcs.
F22180143	Motor 180/140	180 W / 140 rpm	623 EUR/pcs.
F22180210	Motor 180/200	180 W / 200 rpm	623 EUR/pcs.
F22370093	Motor 370/92	370 W / 92 rpm	808 EUR/pcs.
F22370141	Motor 370/140	370 W / 140 rpm	808 EUR/pcs.
F22370210	Motor 370/200	370 W / 200 rpm	808 EUR/pcs.
IE3 motors			
F22750204	Motor 750/200	750 W / 200 rpm	868 EUR/pcs.
F22150200	Motor 1500/200	1500 W / 200 rpm	Price on request

SPARE PART MOTORS



Worm gear motor IE1 3x230/400 V, 50 Hz
Built-in thermal contact, drawn to terminal

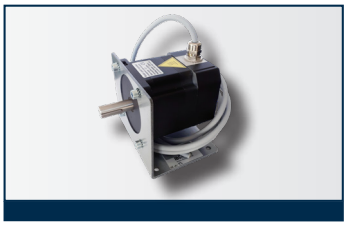
According to the Ecodesign Directive EU 2019/1781, the motors below may only be used as spare parts.
Valid from July 1, 2021.

F22370092	Motor 370/92	370 W / 92 rpm	662 EUR/pcs.
F22370140	Motor 370/140	370 W / 140 rpm	662 EUR/pcs.
F22370200	Motor 370/200	370 W / 200 rpm	662 EUR/pcs.
F22750200	Motor 750/200	750 W / 200 rpm	797 EUR/pcs.

3-phase stepper motor for regulated run with VariMax CE

Stepper motor 3-phase 325 V DC
Built-in thermal contact, drawn to terminal

F22025501	VariMax-motor25 CE, with 2 m EMC-cable	497 EUR/pcs.
F22050501	VariMax-motor50 CE , with 3 m EMC-cable	599 EUR/pcs.
F22100501	VariMax-motor100 CE, with 3 m EMC-cable	780 EUR/pcs.



3-phase stepper motor for regulated run with VariMax NG

Stepper motor 3-phase 325 V DC

F22025401	VariMax-motor25 NG, with 2 m EMC-cable	497 EUR/pcs.
F22050401	VariMax-motor50 NG, with 3 m EMC-cable	599 EUR/pcs.

EMC-set for enclosed control units

Set of glands for mounting according to the EMC-directives.

F29801314	MiniMax, MicroMax and VariMax, M-thread	33 EUR/set
F29804301	MicroStart. Set of glands plastic, M-thread, non EMC	18 EUR/set

Rotation monitor with magnet

F29510101	Length of cable 2 m	38 EUR/set
F29510107	Length of cable 3 m	50 EUR/set
F29510106	Length of cable 5 m	53 EUR/set
F29510109	Length of cable 10 m	65 EUR/set

Rotation monitor with magnet and bracket

F29510102	Length of cable 2 m	43 EUR/set
F29510104	Length of cable 3 m	56 EUR/set
F29510105	Length of cable 5 m	59 EUR/set
F29510110	Length of cable 10 m	72 EUR/set

V-belt and belt clip

Minimum recommended pulley size:

Fixed clip: 80 mm
Flexible clip: 100 mm

F29130800	V-belt A-profile	13 x 8 mm	28,00 EUR/m
F29130801	Clip for V-belt	Fixed	8,20 EUR/pcs.
F29130802	Clip for V-belt	Flexible	32,00 EUR/pcs.

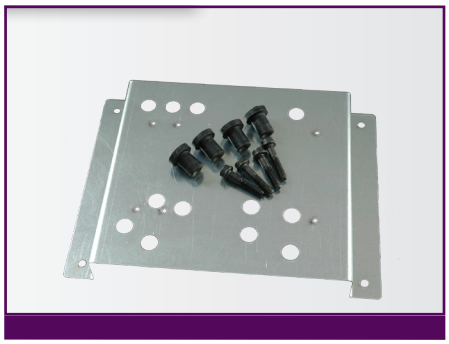
Round belt and splice pin

Minimum recommended pulley size:

6 mm round belt: 56 mm
8 mm round belt: 63 mm

10 mm round belt: 75 mm
12 mm round belt: 85 mm

F29000600	Round belt	6 mm	6,30 EUR/m
F29000800	Round belt	8 mm	9,20 EUR/m
F29001000	Round belt	10 mm	17,00 EUR/m
F29001200	Round belt	12 mm	22,00 EUR/m
F29000603	Splice pin	6 mm	1,40 EUR/pcs.
F29000803	Splice pin	8 mm	1,50 EUR/pcs.
F29001003	Splice pin	10 mm	2,30 EUR/pcs.
F29001203	Splice pin	12 mm	3,00 EUR/pcs.



Motor shelf, fixed

Used with round belt

F29910113	Motor shelf, fixed	62,00 EUR/set

Motor shelf, spring-mounted

Used with V-belt

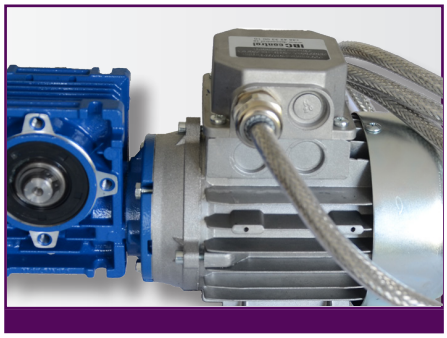
F29910114	Motor shelf, spring-mounted	165,00 EUR/set

Bush pulley SPA

F23063003	SPA 63	Bushing 1008	29 EUR/pcs.
F23067003	SPA 67	Bushing 1108	29 EUR/pcs.
F23071003	SPA 71	Bushing 1108	29 EUR/pcs.
F23075003	SPA 75	Bushing 1108	29 EUR/pcs.
F23080003	SPA 80	Bushing 1210	30 EUR/pcs.
F23085003	SPA 85	Bushing 1210	30 EUR/pcs.
F23090003	SPA 90	Bushing 1210	30 EUR/pcs.
F23095003	SPA 95	Bushing 1210	31 EUR/pcs.
F23100003	SPA 100	Bushing 1610	36 EUR/pcs.
F23106003	SPA 106	Bushing 1610	39 EUR/pcs.
F23112003	SPA 112	Bushing 1610	39 EUR/pcs.
F23118003	SPA 118	Bushing 1610	40 EUR/pcs.
F23125003	SPA 125	Bushing 1610	42 EUR/pcs.
F23132003	SPA 132	Bushing 1610	44 EUR/pcs.
F23140003	SPA 140	Bushing 1610	46 EUR/pcs.
F23150003	SPA 150	Bushing 1610	48 EUR/pcs.
F23160003	SPA 160	Bushing 1610	48 EUR/pcs.
F23170003	SPA 170	Bushing 1610	55 EUR/pcs.

Bushing for SPA

F23630000	Bushing 1008	shaft hole 10 mm	16 EUR/pcs.
F23630002	Bushing 1008	shaft hole 12 mm	16 EUR/pcs.
F23630004	Bushing 1008	shaft hole 14 mm	16 EUR/pcs.
F23630750	Bushing 1108	shaft hole 10 mm	16 EUR/pcs.
F23630752	Bushing 1108	shaft hole 12 mm	16 EUR/pcs.
F23630754	Bushing 1108	shaft hole 14 mm	16 EUR/pcs.
F23800950	Bushing 1210	shaft hole 10 mm	18 EUR/pcs.
F23800952	Bushing 1210	shaft hole 12 mm	18 EUR/pcs.
F23800954	Bushing 1210	shaft hole 14 mm	18 EUR/pcs.
F23800955	Bushing 1210	shaft hole 15 mm	18 EUR/pcs.
F23800958	Bushing 1210	shaft hole 18 mm	18 EUR/pcs.
F23001500	Bushing 1610	shaft hole 10 mm	18 EUR/pcs.
F23001502	Bushing 1610	shaft hole 12 mm	18 EUR/pcs.
F23001504	Bushing 1610	shaft hole 14 mm	18 EUR/pcs.
F23001505	Bushing 1610	shaft hole 15 mm	18 EUR/pcs.
F23001508	Bushing 1610	shaft hole 18 mm	18 EUR/pcs.
F23001509	Bushing 1610	shaft hole 19 mm	18 EUR/pcs.
F23001525	Bushing 1610	shaft hole 25 mm	18 EUR/pcs.



Connected motor according to EMC-directives

Any other lenghts of EMC cabling on inquiry.

EMC-cabling for motor 25 W, 40 W and 60 W		
F29807215	Length of cable 1,5 m	41 EUR
F29807220	Length of cable 2 m	45 EUR
EMC-cabling for motor 90 W		
F29807420	Length of cable 2 m	52 EUR
EMC-cabling for motor 180 W, 370 W and 750 W		
F29807430	Length of cable 3 m	62 EUR

Motor capacitor for 1-phase motor

F29920111	Motor capacitor 0,6 µF	Motor 6 W	19 EUR/pcs.
F29920112	Motor capacitor 1,3 µF	Motor 25 W	20 EUR/pcs.
F29920113	Motor capacitor 1,5 µF	Motor 25 W Tacho	24 EUR/pcs.
F29920114	Motor capacitor 2 µF	Motor 40 W	20 EUR/pcs.
F29920115	Motor capacitor 2 µF	Motor 40 W Tacho	29 EUR/pcs.
F29920116	Motor capacitor 6,3 µF	Motor 90 W	10 EUR/pcs.
F29920117	Motor capacitor 10 µF	Motor 180 W	11 EUR/pcs.

Additional cards

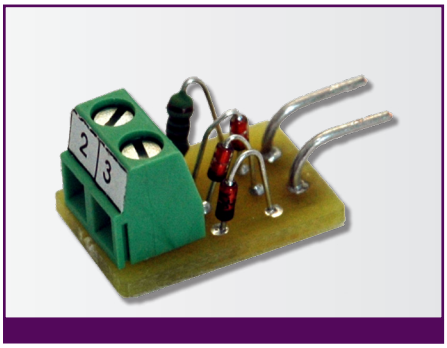
Intended for the control units MiniMax.

F29110107	Difference temperature regulator with electric heat output	125 EUR
F29316101	2-rotor module	112 EUR

Duct sensor

Intended for additional cards.

F29520101	Duct sensor	34 EUR



Increased input signal

F29315101	Increased input signal	52 EUR

Reset module

F29320101	Reset module MiniMax	30 EUR

Testbox for setup

F29314101	Testbox for setup of the control units	74 EUR

REVISED, DECEMBER 2023

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