

### Modification Number

### Motor Mod Express®

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**Motor Mod Express®**

## Ordering Information

**Note:** Motors made for sale in the U.S. by ABB must comply with the Integral Motor Horsepower Rule including those modified from stock. After any modification, the motor must comply with the Integral Motor Horsepower Rule or the applicable regulations such as Natural Resources Canada if used in that country.

Note that 50 Hz efficiency levels may not be the same level when operated at 60 Hz. Changing the voltage may also change the IE class.

To order, specify the catalog number of the stock product and the MOD variant code number. Use the motor discount for the motor. All modifications should be priced using the modification list price, applying the appropriate multiplier symbol for the motor. **Lead times indicated are subject to availability of stock motors in the Fort Smith Warehouse.** Customer will absorb all freight costs when motor is shipped to Fort Smith for modification from field warehouses.

**NOTE:**

**Some modifications do not apply to explosion-proof or hazardous duty motors. Modifications for process performance aluminum and cast iron, M3AA/M3BP. Contact Baldor for Approval**

## MOD Express Cancellation Policy

Should it be necessary to cancel an order for a motor after it is modified, but before it ships – a cancellation charge of double the modification charge will be invoiced to the customer. Any MOD order cancelled before modification is completed is subject to 25% cancellation charge.

Once shipped, modified motors returned at purchaser's expense will be invoiced at double the MOD fee plus 10% restock fee.

### Note

All lead times indicated are subject to availability of stock motors and parts in the Fort Smith warehouse. Please check stock availability before quoting lead time.

Some conversions may not be allowed if they result in a change of operating parameters that affect efficiency or change the EISA or NRCan classification of compliant motors.

Modification prices do not include the cost of the motor, speed reducer, etc.

### Modification Number

### Motor Mod Express® Description and List Price

### Working Days Required

#### VC002 Replace/Add Customer Motor Nameplate

TWO DAYS

Restamp voltage, frequency and output, continuous duty.  
Rating data according to quotation and engineering approval.  
Rerate must be compliant with pertinent MEPS requirements.  
You will be required to provide end destination country.  
MotSize data sheet is required.

**List Per Motor: \$147**

#### VC005 Add drip cover

TWO DAYS

Add metal drip cover to motor for vertical mounting.  
Requires VC066.  
Not for ATEX or hazardous duty motors.

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	N/A	N/A
71 - 80	164	133
90 - 100	119	133
112 - 132	119	133
160	217	243
180	249	279
200	264	295
225	355	397
250	442	495
280	N/A	563

#### VC008 Add IEC B14 C-Face

TWO DAYS

Add IEC B14 C-face to B3 base mounted motor  
(Convert to B34).  
Not for ATEX or hazardous duty motors.

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	198	N/A
71 - 80	187	120
90 - 100	144	173
112 - 132	162	173
160	498	N/A
180	N/A	N/A
200	N/A	N/A
225	N/A	N/A
250	N/A	N/A
280	N/A	N/A

**VC009**

**Add IEC B5 D-Flange**

TWO DAYS

Add IEC B5 D-flange to B3 base mounted motor  
(Convert to B35).  
Not for ATEX or hazardous duty motors.

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	198	N/A
71 – 80	152	120
90 – 100	144	120
112 – 132	162	173
160	311	453
180	434	485
200	589	659
225	653	731
250	715	800
280	N/A	651

**VC066**

**Convert motor for other than horizontal mounting**

TWO DAYS

Adjust placement of weep holes if motor is used as  
other than horizontally mounted in normal plane  
Not for ATEX or hazardous duty motors.

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63 - 250	60	60

**VC096**

**Fulfilling Marine Duty LR, without certificate  
(non-essential service only)**

TWO DAYS

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	76	N/A
71 – 80	76	80 *
90 - 100	72	80 *
112 – 132	72	80 *
160 - 180	155	157
200 - 250	217	226
280	N/A	534

\* Pricing for IE2 motor only; Variant is not available for IE3 motors.

### Modification Number

### Motor Mod Express® Description and List Price

### Working Days Required

#### VC122

#### Bimetal Detectors 150° C

FIVE DAYS

Install normally-closed winding thermostats (3 in series)

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	N/A	N/A
71 - 80	186	N/A
90 - 100	212	N/A
112 - 132	222	N/A
160 - 180	N/A	N/A
200 - 250	N/A	N/A
280	N/A	N/A

#### VC135

#### Additional Stainless Motor Nameplate

TWO DAYS

Add customer part number, PO, job number, etc.  
Not to be used for electrical ratings.

**List Per Motor: \$147**

#### VC148

#### Routine Test Report

SEVEN DAYS

Supply copies of test report for specific motor on order. Three phase motors will have the following motor characteristics measured. Test data will be supplied. All data will be taken on cold motor.

1. Visual inspection.
2. Terminal markings and direction of rotation.
3. Resistance measurement at ambient temperature.
4. No load test (speed and current).
5. Locked rotor test (torque and current).
6. Withstand voltage test (hipot).
7. Insulation resistance measurement (meg ohm).

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	203	N/A
71 - 80	203	267
90 - 100	217	267
112 - 132	264	294
160 - 180	289	384
200 - 250	372	417
280	N/A	425

Modification Number	Motor Mod Express® Description and List Price	Working Days Required
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<b>VC161</b>	<p><b>Additional Loose Motor Nameplate</b></p> <p>Add customer part number, PO, job number, etc. Not to be used for electrical ratings.</p> <p><b>List Per Motor: \$147</b></p>	TWO DAYS
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<b>VC163</b>	<p><b>Add Adjustable Speed Motor Nameplate</b></p> <p>Add adjustable speed nameplate. Rating data according to quotation and engineering approval. Rating must be compliant with with pertinent MEPS requirements. You will be required to provide end destination country. DriveSize data sheet is required.</p> <p><b>List Per Motor: \$147</b></p>	TWO DAYS
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<b>VC186</b>	<p><b>Fulfilling Marine Duty DNV, without certificate (non-essential service only)</b></p>	TWO DAYS
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IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	76	N/A
71 – 80	76	80 *
90 - 100	76	80 *
112 – 132	76	80 *
160 - 180	141	157
200 - 250	202	226

\* Pricing for IE2 motor only; Variant is not available for IE3 motors.

<b>VC450</b>	<p><b>Add 100-120V Space Heater</b></p> <p>Standard space heater is 120V. Not for ATEX or hazardous duty motors.</p>	FIVE DAYS
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IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	362	N/A
71 – 80	362	294
90 – 100	350	294
112 – 132	357	334
160	481	538
180	530	594
200	592	663
225	677	758
250	815	912
280	N/A	N/A

### Modification Number

### Motor Mod Express® Description and List Price

### Working Days Required

#### VC451 Add 200-240V Space Heater

FIVE DAYS

Standard space heater is 240V.  
Not for ATEX or hazardous duty motors.

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	362	N/A
71 – 80	362	294
90 – 100	350	294
112 – 132	357	334
160	481	538
180	530	594
200	592	663
225	677	758
250	815	912
280	N/A	N/A

#### VC675 Fulfilling Marine Duty ABS, without certificate (non-essential service only)

TWO DAYS

IEC Frame Size	Aluminum List Price	Cast Iron List Price
80-132	76*	80*
160-180	155	132
200-225	217	226
280	N/A	534

\* Pricing for IE2 motor only; Variant is not available for IE3 motors.

#### VCM13E Remove mounting feet from aluminum motors only (To be used with VC008 or VC009.)

TWO DAYS

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63-132	N/A	N/A
160-180	150	N/A
200-250	200	N/A