



## PRODUCT-DETAILS

# 3GLP354810-ADG

## Water cooled motor

### General Information

|                      |                    |
|----------------------|--------------------|
| Product ID           | 3GLP354810-ADG     |
| ABB Type Designation | M3LP 355LKA 8      |
| Catalog Description  | Water cooled motor |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3LP 355LKA 8 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6322/C3       |
| Bearing NDE           | 6316/C3       |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015381      |
| Direction of Rotation | Both sides    |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power     | Speed     | Current  | Power Factor | Efficiency | Torque      | IS/IN |
|------|------------|-------|---------|-----------|-----------|----------|--------------|------------|-------------|-------|
| D    | --         | 50 Hz | 400 V   | 315.00 kW | 743 r/min | 595.00 A | 0.800        | 95.40 %    | 4048.00 N-m | 7.40  |
| D    | --         | 50 Hz | 415 V   | 315.00 kW | 744 r/min | 588.00 A | 0.780        | 95.40 %    | 4043.00 N-m | 7.90  |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight           | 2300 kg                                                                                           |
| IC Class               | IC71W                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE4<br>Full Load (100%) 95.4 %<br>Partial Load (75%) 95.5 %<br>Partial Load (50%) 94.9 % |
| IM Class               | IMB3 IM1001                                                                                       |
| IP Class               | IP55                                                                                              |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | Water cooled motor                                                                                |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 8                                                                                                 |
| Package Level 1 Units  | 0 pallet (lift)                                                                                   |
| Product Name           | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight     | 2270 kg                                                                                           |
| Product Type           | 3LP2__water_cooled_motor_IE2                                                                      |
| Quote Only             | No                                                                                                |

|                         |                                                             |
|-------------------------|-------------------------------------------------------------|
| Selling Unit of Measure | piece                                                       |
| Temperature Class       | --                                                          |
| Default                 |                                                             |
| Terminator Box Location | Top                                                         |
| Two Speed Motor         | No                                                          |
| Type of Duty            | S1                                                          |
| UNSPSC                  | 26101100                                                    |
| Voltage Code            | D                                                           |
| WEEE Category           | 4. Large Equipment (Any External Dimension More Than 50 cm) |

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**Categories**

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Motors and Generators → IEC Low Voltage AC Motors → Water Cooled Motors → IE2 Water Cooled Motors