



# FILTERMIST

## MOTOR DATA SHEET

|                               |   |
|-------------------------------|---|
| <b>POWER:</b>                 | 0.55Kw  |
| <b>TYPE:</b>                  | Q1EFC71M2B46  |
| <b>FRAME:</b>                 | 71  |
| <b>SPEED:</b>                 | 2800 rpm @ 50Hz      3420rpm @ 60Hz                             |
| <b>SUPPLY:</b>                | 3ph, Dual Hz<br>Multi voltage<br>Refer to voltage/Hz chart      |
| <b>EFFICIENCY CLASS:</b>      | IE1   |
| <b>RATED CURRENT:</b>         | Low Voltage (50/60) - 2.7/2.6A High voltage (50/60) - 1.35/1.3A |
| <b>START UP CURRENT:</b>      | 13.12 (YY) / 6.43 (Y)   |
| <b>NO LOAD CURRENT:</b>       | 1.67 (YY) / 0.83 (Y)  |
| <b>CONNECTION:</b>            | YY - Low voltage      Y - High                                  |
| <b>MOUNTING:</b>              | Face Mounting   |
| <b>ENCLOSURE:</b>             | IP55  |
| <b>TERMINAL BOX:</b>          | As per Drawing  |
| <b>CABLE GLAND:</b>           | M20   |
| <b>HOT LOCKED ROTOR TEST:</b> | 3.802Nm   |
| <b>PAINT FINISH:</b>          | Black RAL9011   |
| <b>INSULATION CLASS:</b>      | F   |
| <b>TEMPERATURE RISE:</b>      | 75K   |
| <b>DUTY:</b>                  | S2 40min  |
| <b>SHAFT BALANCE:</b>         | Half key  |
| <b>SHAFT CONCENTRICITY:</b>   | Normal (according to DIN 42955)                                 |
| <b>BEARING SIZE NDE:</b>      | 6202 ZZ   |
| <b>BEARING SIZE DE:</b>       | 6202 ZZ   |
| <b>NOISE LEVEL:</b>           | 54 dBA  |
| <b>SERVICE FACTOR:</b>        | 1.05  |
| <b>POWER FACTOR:</b>          | 0.87  |
| <b>WEIGHT:</b>                | 7.7kg   |

DATE: April 2014