### SEW Type Code Designations – Asynchronous Motors

#### DT/DV Type Code

<table>
<thead>
<tr>
<th>Designation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT/DV/DTE/DVE</td>
<td>Asynchronous motors</td>
</tr>
<tr>
<td>ET/EV</td>
<td>Single-phase motor</td>
</tr>
<tr>
<td>CT/CV</td>
<td>Asynchronous servo</td>
</tr>
<tr>
<td>MT/MV</td>
<td>Torque motor</td>
</tr>
<tr>
<td>DT/DV</td>
<td>Standard efficiency</td>
</tr>
</tbody>
</table>

#### DR Type Code

<table>
<thead>
<tr>
<th>DR Type Code</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>High efficiency'</td>
</tr>
<tr>
<td>K</td>
<td>Single-phase motor</td>
</tr>
<tr>
<td>L</td>
<td>Asynchronous servo</td>
</tr>
<tr>
<td>M</td>
<td>Torque motor</td>
</tr>
<tr>
<td>P</td>
<td>Premium efficiency (NEMA Premium)</td>
</tr>
<tr>
<td>S</td>
<td>Standard efficiency</td>
</tr>
</tbody>
</table>

#### Frame Size

<table>
<thead>
<tr>
<th>Frame Size</th>
<th>Motor Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE-280</td>
<td>2WE 2nd shaft end</td>
</tr>
<tr>
<td>71-225...315</td>
<td>Shaft height</td>
</tr>
</tbody>
</table>

#### Description

- **Motor Options**
  - AL: Aluminum fan
  - C: Protection canopy fan guard
  - DH: Condensation drain hole plug
  - ERF: Reinforced bearing (315 frame size)
  - LF: Air filter
  - LN: Low noise fan guard
  - MOVIMOT® (DV71-100 frame size)
  - MSW: Movi-Switch® (DV71-100 frame size)
  - NIB: Insulated bearing (315 frame size)
  - NS: Relubrication device (315 frame size)
  - OL: Non-ventilated, closed B-side
  - RI: Repaired winding insulation > 500V
  - RS: Backstop
  - VR, VS, V: Forced cooling fan
  - Z: Flywheel fan, cast iron

- **Rotor Cage Material**
  - Aluminum
  - Copper

- **Brake Type**
  - BM(G): Brake designation

- **Brake Option**
  - DUB: Function and wear monitoring device
  - HF: Manual screw release
  - HR: Manual hand release

- **Flange Mounted Designs**
  - FC: NEMA C-face flange (B14)
  - FE: IEC flange with bores and IEC feet (B35)
  - FF: IEC flange with bores (B5)
  - FG: Motor prepared for 7 series gear unit
  - FI: IEC flange mounted motor (B3)
  - FL: Flange deviation from IEC (B5)
  - FM: Motor with IEC feet prepared for 7 series gear unit
  - FT: IEC flange with threads (B14)
  - FY: IEC flange with threads and IEC feet (B34)

- **Thermal Motor Protection**
  - KY: Temperature measurement via KTY
  - PT: Temperature measurement via PT100
  - TF: Thermal protection via PTC (Thermistor)
  - TH: Thermal protection via switch (Thermmostat)
  - TS: Thermal protection via switch (Normally open)

- **Feedback Devices**
  - ESTS, ES2S, ES1S (71-132)
  - EV1S (160-225)
  - EV1R (71-132)
  - EV1Y (160-225)
  - AS3H, AS4H, AV1H (71-132)
  - AV1Y (160-225)
  - NV16/26 (71-132)

- **Motor Plug Connectors**
  - AC, AS, AM, AD, AB, AE: Modular connection kit (Harting style)
  - IS: Integrated into terminal box

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U.S. DOE Compliance Certification Number CC056A

![For Example: DRE/ION/RE2/HF/TH/LF/ES75]