


Understanding SmartMotor™ Part Numbers


Moog Animatics SmartMotor™ Part Numbering Guidelines

Basic Class 5 D-Style Part Numbering


NEMA 17



NEMA 23



NEMA 34

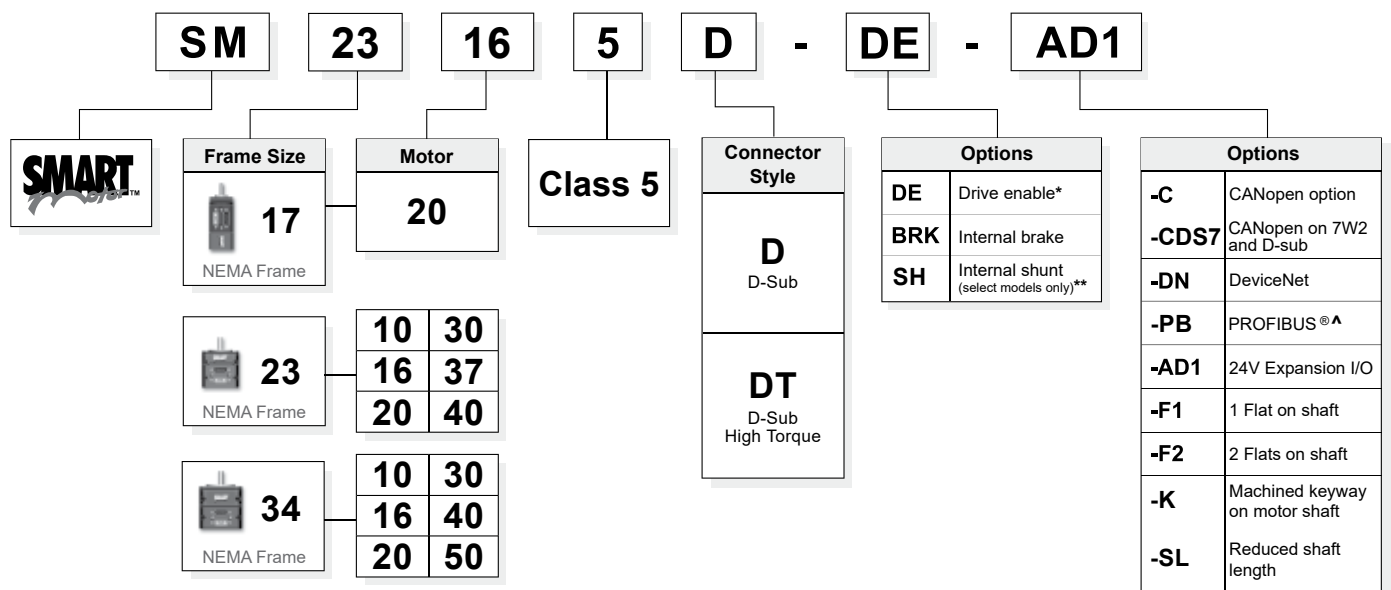


<p>The Brake option cannot be used with any other option. 24V I/O can be used alone or in combination with other options. See part numbers below.</p> <p>SM17205D-BRK SM17205D-C SM17205D-DN SM17205D-AD1 SM17205D-C-AD1 SM17205D-DN-AD1</p>	<p>All three options (Brake, 24V I/O, CAN bus) are available in various combinations for the following part numbers.</p> <table style="width: 100%;"> <tr> <td>SM23375D</td> <td>SM23205D</td> </tr> <tr> <td>SM23375DT</td> <td>SM23305D</td> </tr> <tr> <td>SM23105D</td> <td>SM23405D</td> </tr> </table> <p>The Brake option cannot be used with any other option. 24V I/O can be used alone or in combination with other options. See part numbers below.</p> <table style="width: 100%;"> <tr> <td>SM23165D-C</td> <td>SM23165DT-C</td> </tr> <tr> <td>SM23165D-DN</td> <td>SM23165DT-DN</td> </tr> <tr> <td>SM23165D-AD1</td> <td>SM23165DT-AD1</td> </tr> <tr> <td>SM23165D-C-AD1</td> <td>SM23165DT-C-AD1</td> </tr> <tr> <td>SM23165D-DN-AD1</td> <td>SM23165DT-DN-AD1</td> </tr> <tr> <td>SM23165D-BRK</td> <td>SM23165DT-BRK</td> </tr> </table>	SM23375D	SM23205D	SM23375DT	SM23305D	SM23105D	SM23405D	SM23165D-C	SM23165DT-C	SM23165D-DN	SM23165DT-DN	SM23165D-AD1	SM23165DT-AD1	SM23165D-C-AD1	SM23165DT-C-AD1	SM23165D-DN-AD1	SM23165DT-DN-AD1	SM23165D-BRK	SM23165DT-BRK	<p>All three options (Brake, 24V I/O, CAN bus) are available in various combinations for the following part numbers.</p> <table style="width: 100%;"> <tr> <td>SM34165D**</td> <td>SM34205D</td> </tr> <tr> <td>SM34165DT**</td> <td>SM34305D</td> </tr> <tr> <td>SM34105D</td> <td>SM34405D</td> </tr> </table> <p>**SM34165D and SM34165DT are the only models that can have an internal shunt.</p>	SM34165D**	SM34205D	SM34165DT**	SM34305D	SM34105D	SM34405D
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To see all possible option combinations for each motor and get the exact part number, use the Part Number Generator available on the website at: <http://www.animatics.com/pngenerator>.
For the CDS7 option, see <https://pages.animatics.com/cds7-option>.

NOTE: DMX protocol is standard on all Class 5 SmartMotors.

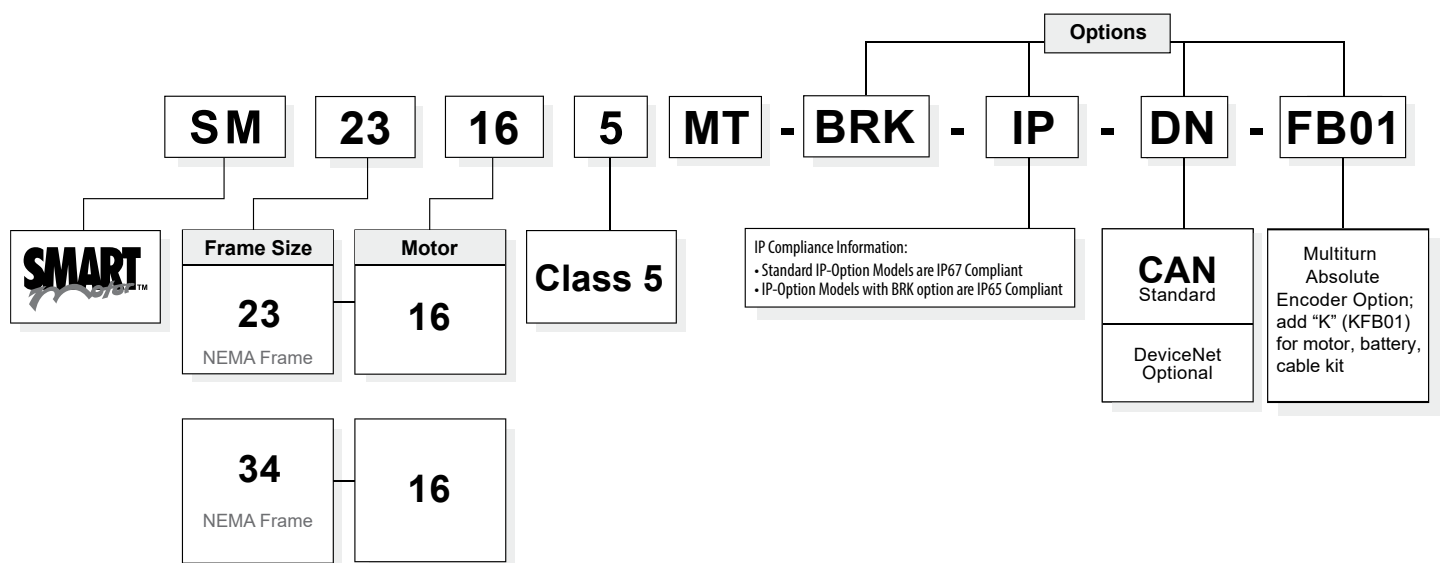
Advanced Class 5 D-Style Part Numbering



* Separate drive and control power
** SM34165D and SM34165DT are the only models that can have an internal shunt
^ PROFIBUS option only available on SM23165D and SM23165DT product with no additional options

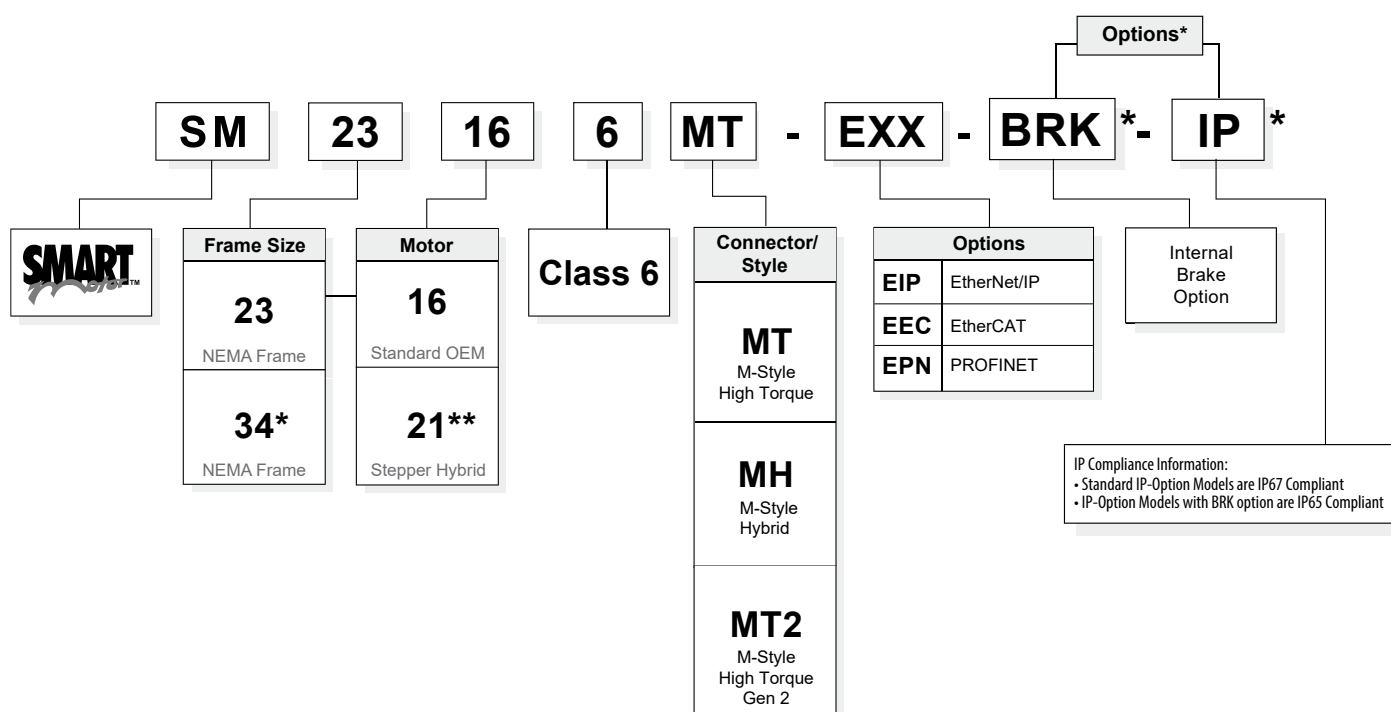
NOTE: DMX protocol is standard on all Class 5 SmartMotors.

Advanced Class 5 M-Style Part Numbering



NOTE: DMX protocol is standard on all Class 5 SmartMotors.

Advanced Class 6 M-Style Part Numbering



* Available on "MT2" motors only
** Not available on "MT2" motors