**LIN STANDARD PART NUMBERING SYSTEMS**

### SYSTEM 1

**Example:** 417-09-07DE-01RO

- **Frame Size:**
  - 06: Size 06
  - 11: Size 11
  - 17: Size 17
  - 23: Size 23
- **Winding Code:**
  - DE: Double Shaft
  - RO: R-Winding
- **Special Modifications:**
  - Special Identifiers:
    - D: Double Shaft
    - E: Eight Lead
    - S: Series Connection
    - P: Parallel Connection
    - T: Noise Reduced Connection
    - R: R-Winding
  - Certification: RO: RoHS

- **Overall Length:**
  - 06: 0.54" Max.
  - 07: 0.58" Max.
  - 10: 1.00" Max.
  - 11: 1.10" Max.
  - 13: 1.38" Max.
  - 15: 1.54" Max.
  - 17: 1.70" Max.
  - 18: 1.75" Max.
  - 20: 1.95" Max.
  - 21: 2.10" Max.

- **Steps per Revolution:**
  - 1: 100
  - 2: 200
  - 4: 400
  - 6: 600

### SYSTEM 2

**Example:** 5718M-01DE-01RO

- **Integrated Motors Only (SilverPak Series):**
  - DO: Driver Only
  - DE: Driver + Encoder
  - CO: Controller + Driver
  - CE: Controller + Driver + Encoder
  - TO: Driver + Controller
- **Frame Size:**
  - 36: Size 14
  - 36: Size 14
  - 37: Size 14
  - 38: Size 14
  - 40: Size 17
  - 41: Size 17
  - 42: Size 17
  - 56: Size 23
  - 57: Size 23
  - 86: Size 34
  - 87: Size 34
- **Winding Code:**
  - DE: Double Shaft
- **Special Modifications:**
  - Special Identifiers:
    - D: Double Shaft
    - E: Eight Lead
    - S: Series Connection
    - P: Parallel Connection
    - T: Noise Reduced Connection
    - R: Noise Reduced Winding
    - M: Mounting option for 3709 motors
- **Certification:** RO: RoHS

- **Overall Length:**
  - F: Short
  - X: 0.130" Thru
  - S: 0.130" Thru
  - M: 0.130" Thru
  - L: 0.130" Thru
  - C: Long

- **Degrees per Step:**
  - 18: 1.8 Degree
  - 09: 0.9 Degree
  - 04: 0.45 Degree

- **Note:**
  - E: Not available for 208, 211, 416, 3709, 3809, 4109 Motors

### BRUSHLESS DC

**Example:** BL24B20-03D-01RO

- **Brushless DC Motor**
- **Tooling Design**
- **Winding Code**
- **Shaft Modification**
  - D: Double Shaft
- **Certification**
  - RO: RoHS

- **Frame Size:**
  - 17: Size 17
  - 23: Size 23
  - 24: Size 23
- **Motor Length in Inch (Rounded up to 0.1 in):**
  - 17: 1.7 in.
  - 19: 1.9 in.
  - 20: 2.0 in.
  - 21: 2.2 in.
  - 24: 2.4 in.
  - 27: 2.7 in.
  - 28: 2.8 in.
  - 32: 3.2 in.
  - 38: 3.8 in.
  - 40: 3.9 in.
  - 46: 4.5 in.

*Mounting option key:
- M1: SIGNATURE, CAST, MTS SIZE 17, #4-40 UNC
- M2: SIGNATURE, CAST, MTS SIZE 17, 0.130 THRU
- M3: SIGNATURE, CAST, MTS SIZE 17, 0.130 THRU
- M4: SIGNATURE, CAST, MTS SIZE 14, #4-40 UNC
- M5: SIGNATURE, CAST, MTS SIZE 14, 0.130 THRU
- MB: SIGNATURE, STAMPED, MTS SIZE 17, 0.130 THRU
- MB: SIGNATURE, STAMPED, MTS SIZE 17, 0.130 THRU

*Note:*
- E: Not available for 208, 211, 416, 3709, 3809, 4109 Motors
- Frame codes 17 and 23 have eight leads standard and do not require the "E" option.

*Mounting option key:
- M1: SIGNATURE, CAST, MTS SIZE 17, #4-40 UNC
- M2: SIGNATURE, CAST, MTS SIZE 17, 0.130 THRU
- M3: SIGNATURE, CAST, MTS SIZE 17, 0.130 THRU
- M4: SIGNATURE, CAST, MTS SIZE 14, #4-40 UNC
- M5: SIGNATURE, CAST, MTS SIZE 14, 0.130 THRU
- MB: SIGNATURE, STAMPED, MTS SIZE 17, 0.130 THRU
- MB: SIGNATURE, STAMPED, MTS SIZE 17, 0.130 THRU