Helical In-line Ordering Guide







| O | Gear Unit | | | | | | | |
|---|-----------|-----|-----|-------|--------|--------|--|--|
| • | Gear Unit | | | | | | | |
| | 11E | 02 | 03 | 12/02 | 63/22 | 63/23 | | |
| | 21E | 12 | 13 | 22/02 | 73/22 | 73/23 | | |
| | 31E | 22 | 23 | 32/12 | 73/32 | 83/33N | | |
| | 41E | 32 | 33N | 42/12 | 83/32 | 93/43 | | |
| | 51E | 42 | 43 | 52/12 | 83/42 | 103/53 | | |
| | | 52 | 53 | | 93/42 | | | |
| | | 62 | 63 | | 93/52 | | | |
| | | 72 | 73 | | 103/52 | | | |
| | | 82 | 83 | | | | | |
| | | 92 | 93 | | | | | |
| | | 102 | 103 | | | | | |

| 0 | | Shaft/Mounting | | | | | |
|---|----------------------|-----------------------------|--|--|--|--|--|
| | Blank - Footed | XZ - Foot/B14 Flange | | | | | |
| | F - B5 Flange | XF - Foot/B5 Flange | | | | | |

| € | Reducer Options | | | | | |
|---|--|-------------------------------|--|--|--|--|
| | ☐ VL - Heavy Duty Output Bearings | ☐ OSG - Oil Sight Glass | | | | |
| | ☐ PR - Flange Pilot Removal | ☐ OA - Oil Expansion Chamber | | | | |
| | ☐ FKM - Fluoro Rubber Seals | OC - Oil Cooler | | | | |
| | ☐ SWV - Special Solid Shaft | ☐ LL - Long Term Storage | | | | |
| | ☐ SM5 - Stainless Steel Output Shaft | ☐ MDP - Magnetic Drain Plug | | | | |
| | ☐ Cross Drilled Shaft | ☐ ADP - Additional Drain Plug | | | | |

| 4 | Input Shaft | NEMA Adapter | IEC | Integral Motors | | Integral Energy Efficent Motors | | Scoop | Motor Platform | Servo Adapter (Keyed) |
|---|----------------|-----------------|---------|-----------------------|------------------------|---------------------------------|-------------------------|-------|-------------------|--------------------------|
| | W | N56C | IEC 63 | 63S/4 - 0.16hp | 160L/4 - 20hp | 80LH/4 - 1hp | 200LH/4 - 40hp | S56 | MKN056 | SEP 100 |
| | | N140TC | IEC 71 | 63L/4 - 0.25hp | 180MX/4 - 25hp | 90SH/4 - 1.5hp | 225SH/4 - 50hp | S140T | MKN140 | SEP 130 |
| | | N180TC | IEC 80 | 71S/4 - 0.33hp | 180LX/4 - 30hp | 90LH/4 - 2hp | 225MH/4 - 60hp | S180T | MKN180 | SEP 165 |
| | | N210TC | IEC 90 | 71L/4 - 0.50hp | 200L/4 - 40hp | 100LH/4 - 3hp | 250MH/4 - 75hp | S210T | MKN210 | SEP 215 |
| | | N250TC | IEC 100 | 80S/4 - 0.75hp | 225S/4 - 50hp | 112MH/4 - 5hp | 280SH/4 - 100hp | S250T | MKN250 | SEP 300 |
| | | N280TC | IEC 112 | 80L/4 - 1hp | 225M/4 - 60hp | 132SH/4 - 7.5hp | 280MH/4 - 125hp | S280T | MKN280 | Servo Adapter |
| | | N320TC | IEC 132 | 90S/4 - 1.5hp | 250M/4 - 75hp | 132MH/4 - 10hp | 315SH/4 - 150hp | S320T | MKN320 | (Clamp) |
| | | N360TC | IEC 160 | 90L/4 - 2hp | 280S/4 - 100hp | 160MH/4 - 15hp | 315MH/4 - 175hp | S360T | MKN360 | SEK 100 |
| | | N400TC | IEC 180 | 100L/4 - 3hp | 280M/4 - 125hp | 160LH/4 - 20hp | 315MAH/4 - 200hp | S400T | MKN400 | SEK 130 |
| | | | IEC 200 | 100LA/4 - 5hp | 315S/4 - 150hp | 180MH/4 - 25hp | 315LH/4 - 250hp | | | SEK 165 |
| | | | IEC 225 | 112M/4 - 5.4hp | 315M/4 - 175hp | 180LH/4 - 30hp | , | | | SEK 215 |
| | | | IEC 250 | 132S/4 - 7.5hp | 315MA/4 - 200hp | · | | | | SEK 300 |
| | | | IEC 280 | 132M/4 - 10hp | 315L/4 - 250hp | | | | | |
| | | | IEC 315 | 160M/4 - 15hp | Other Speeds Available | | Other Speeds Available | | | |

Product Specifications

Ratio **Mounting Position Paint** Lubricant Standard Stainles Steel Paint M1 Standard M2 NSD+ (gray) Synthetic see pages 112 - 154 M3 NSD+W (white) Food Grade NSD-X3 (gray) — OR-M4 Other **Output Speed** 0 NSD-X3W (white) M5 0 M6 Casting Primed rpm Special Special . see pages 112 - 154

B5 Flange Diameter (If required)

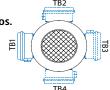
Gearmotor Only Details

Voltage & Frequency

- **O** 230/460V-60Hz (460V only \geq 40 hp)
- **O** 575V-60Hz
- O 208V-60Hz
- **O** 400V-50Hz
- **O** 115/230V-60Hz, 1 ph.
- O Other _

Terminal Box Pos.

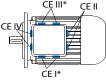
- **O** TB1
- **O** TB2
- **O** TB3
- **O** TB4



Mtg. Pos. M1 Shown

Conduit Entry Loc.

- O CEI*
- O CE III *
- * Brakemotor



Mtg. Pos. M1 Shown