

NT Motor 230 V

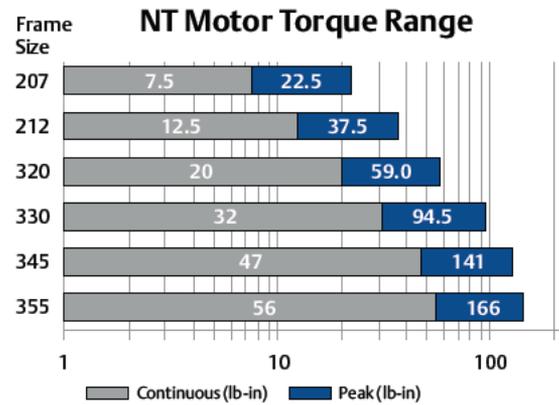
Compact NEMA or Metric Flange AC Servo Motors

The NT motor is a compact, high performance brushless AC Servo motor designed to maximize torque and minimize size. The NT motor uses powerful magnets and is manufactured with a segmented core to maximize stator efficiency.

These motors are available with direct motor-to-drive connector terminations for Control Techniques' brand Unidrive M, Digitax ST and Epsilon EP servo drives – cable lengths up to 20 ft are available.

Key Features

- Torque range: 7.5 to 56 lb-in (0.85 to 6.3 Nm)
- Very low inertia for high acceleration and cycle rates
- English (NEMA 23 or 34) or Metric (IEC 72-1) flanges
- Available with or without holding brakes
- Direct connect available – no additional cables required!
- Flying-lead cabling option (ex: NTE-320-LONS-0005) with improved ingress protection; flying leads are available with or without MS connectors
- IP65 conformance (IP67S and IP68S optional)
- Standard 2048 encoder
- Installed shaft seal are standard with all motors
- Optional white epoxy food-grade finish



NT Motor 230 V Order Information

Use the information below to create an order code for an NT Motor (top row is an example).

NT	E	2	07	T	B	N	S	DP	10
Motor	Mounting Flange	Frame Size (in)	Rated Torque (lb-in)	Lead Configuration	Brake (24 V)	Feedback Device	Inertia	Feedback Cable Connectors / Optional Finish	Cable Length
NT	E = English M = Metric	2 = 2" 3 = 3"	2-in frame 07 = 7.5 12 = 12.5 3-in frame 20 = 20 30 = 32 45 = 47 55 = 56	IP65 C = MS connector L = Flying leads (no connectors) T = MS style connector on flying leads IP67S IP68S F = Flying lead and white epoxy food-grade finish	O = Unbraked B = Holding Brake	N = Incremental encoder 2048 ppr	S = Low	Lead Configuration C, L, T, E 00 = Std. configuration Lead Configuration T DP = Flying lead with molded 15-pin feedback connector to Digitax ST, Unidrive SP and Epsilon EP Lead Configurations C, L, T, E, F E0 = White epoxy food-grade finish applied to standard motor*	Lead Configuration C, L, T, E 00 = Std. configuration Lead Config L, T And F 05 = 5-ft leads 10 = 10-ft leads 15 = 15-ft leads 20 = 20-ft leads XX = Custom lengths available up to 20 ft max. in 2-ft increments

*Include this code when ordering "F" type lead configuration

NOTES:

‡2 = 2-in NEMA 23

‡3 = 3-in NEMA 34

Approvals

