

LX/NX BRUSHLESS SERVO MOTORS - for use with 220-240 VAC Drives

Motor Type	Static Torque	Static Torque	Cont. Current	Max. Speed	Inertia	Inertia
	Nm	lb-in	A rms	RPM	kgm ² x 10 ⁻⁵	lb-in-s ² x 10 ⁻⁴
NX110EEP	0.38	3.4	0.9	6000	1.2	1.1
NX210EET	1	8.9	0.9	4000	3.9	3.4
NX210EEP	1	8.9	2.0	6000	3.9	3.4
NX310EAP	2	17.7	1.4	2300	7.9	7.0
NX310EAK	2	17.7	2.5	4000	7.9	7.0
NX420EAP	4	35.4	2.8	2300	29	26
NX420EAJ	4	35.4	4.9	4000	29	26
NX430EAJ	5.5	48.7	5.2	3200	43	38
NX430EAF	5.5	48.7	6.6	4000	43	38
NX620EAR	8	70.8	5.3	2200	98	87
NX620EAJ	8	70.8	9.8	4000	98	87
NX630EAK	12	106.2	10.6	2800	147	130
NX630EAG	12	106.2	14.9	4000	147	130
LX820DH	19	168.2	19.5	2800	230	204
LX820DF	19	168.2	26.0	3800	230	204
LX840DG	38	336.3	20.9	1600	420	372
LX840DE	38	336.3	29.3	2200	420	372
*LX820VK	28	247.8	21.1	2000	230	204
*LX820VF	28	247.8	38.6	3800	230	204
*LX840VE	54	477.9	42.2	2200	420	372

* = Force air cooled motor

HX/NX BRUSHLESS SERVO MOTORS - for use with up to 480 VAC Drives

Motor Type	Static Torque	Static Torque	Cont. Current	Max. Speed	Inertia	Inertia
	Nm	lb-in	A rms	RPM	kgm ² x10 ⁻⁵	lb-in-s ² x10 ⁻⁴
NX310EAP	2	17.7	1.4	4600	7.90	6.99
NX420EAV	4	35.4	1.4	2300	29.0	25.7
NX420EAP	4	35.4	2.8	4600	29.0	25.7
NX430EAP	5.5	48.7	2.8	3450	42.6	37.7
NX430EAL	5.5	48.7	3.8	4600	42.6	37.7
NX620EAV	8	70.8	2.8	2300	98.0	86.7
NX620EAR	8	70.8	5.3	4490	98.0	86.7
NX630EAR	12	106.2	5.6	3110	147	130
NX630EAN	12	106.2	8.5	4600	147	130
HX820DT	19	168.2	5.6	1730	230	204
HX820DN	19	168.2	11.2	3570	230	204
HX820DJ	19	168.2	15.6	4200	230	204
HX840DN	38	336.3	10.5	1730	420	372
HX840DH	38	336.3	18.3	2600	420	372
*HX820VK	28	247.8	21.1	4600	230	204
*HX820VH	28	247.8	29.0	5000	230	204
*HX840VJ	55	486.8	21.6	2420	420	372
*HX840VG	55	486.8	30.8	3570	420	372
*HX840VG	55	486.8	30.8	3570	420	372
*HXA30VI	170	1504.5	69.9	2300	2700	2390
*HXA40VI	228	2017.8	70.4	1610	3500	3098
*HXA40VG	230	2035.5	91.9	2180	3500	3098
*HXA40VE	230	2035.5	128.7	3100	3500	3098
*HXA50VF	280	2478.0	103.2	2070	4300	3806
*HXA50VE	280	2478.0	123.7	2450	4300	3806
*HXA60VF	320	2832.0	96.2	1660	5100	4514
*HXA60VD	315	2787.8	140.7	2550	5100	4514

* = Force air cooled motor

Servo Motors Brushless Servo Motors

SERVO DRIVES

This servo range offers an extremely wide choice of Brushless, Water-cooled Brushless Synchronous and DC Brush motors and compatible drives. In addition to standard products with torque ratings from 0.3 to 320 Nm, custom solutions allow us to meet standard and specialized servo applications across all industries.

OPTIONS

- Gearheads
- Power-off brakes
- Protection IP65
- Custom shafting and configurations
- Mating connectors and cable assemblies



230 AND 460 VAC MODELS

ADJUSTABLE INTERCONNECTRON™ CONNECTORS

COMPACT SIZE WITH LOW ROTOR INERTIA

HIGH TORQUE AT ZERO SPEED

HIGH TORQUE TO INERTIA RATIO

4, 8 AND 10 POLE ZERO-COG DESIGNS

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