

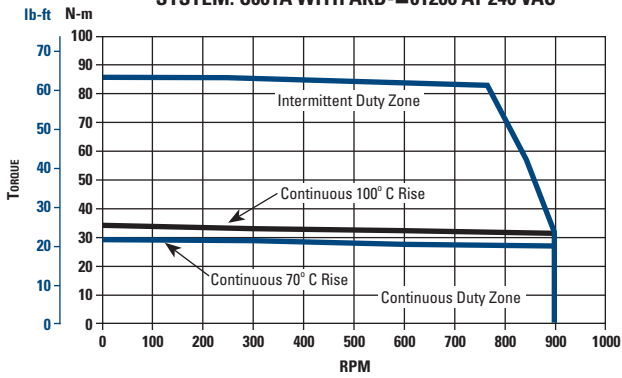
Technical Performance Data

C06xA/C

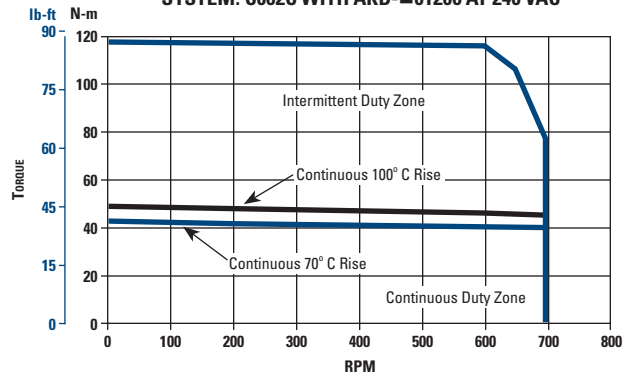
System Performance at 240 VAC C06xA/C Cartridge DDR Motor with AKD Servo Drive Series Amplifiers

System Performance	Symbol	Units	C061A	C062C	C063C
Continuous Torque 100°C Rise ¹²³	T _c	lb-ft (N-m)	24.9 (33.8)	35.7 (48.4)	45.6 (61.8)
Cont. Line Current	I _c	amps RMS	10.0	11.8	11.3
Continuous Torque 70°C Rise ¹²³	T _c	lb-ft (N-m)	21.7 (29.4)	31.1 (42.2)	39.7 (53.9)
Cont. Line Current	I _c	amps RMS	8.72	10.3	9.84
Peak Torque	T _p	lb-ft (N-m)	64.1 (86.8)	86.5 (117)	115 (157)
Peak Line Current	I _p	amps RMS	27.0	30.0	30.0
Maximum Speed	N max	RPM	900	700	550
Weight	Wt	lb (kg)	41.0 (18.6)	52.0 (23.6)	63.0 (29.0)
Rotor Inertia	J _m	oz-in-sec ² (kg-cm ²)	1.33 (94.1)	1.78 (126)	2.23 (157)

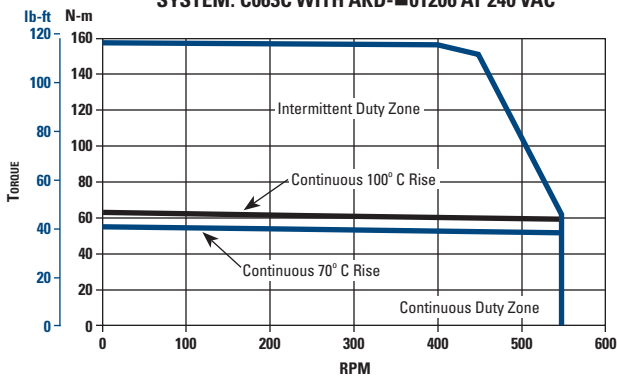
SYSTEM: C061A WITH AKD-01206 AT 240 VAC



SYSTEM: C062C WITH AKD-01206 AT 240 VAC



SYSTEM: C063C WITH AKD-01206 AT 240 VAC

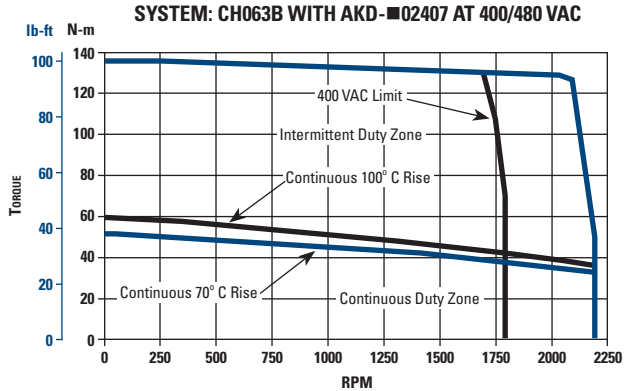
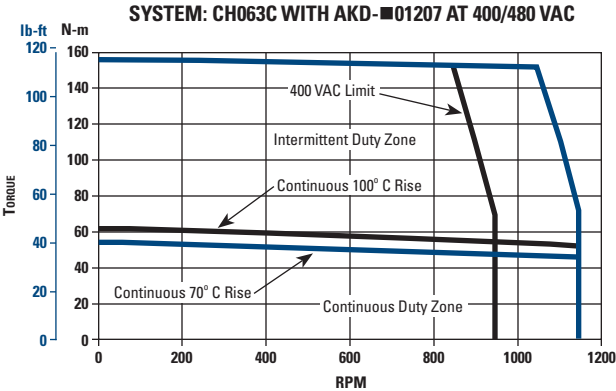
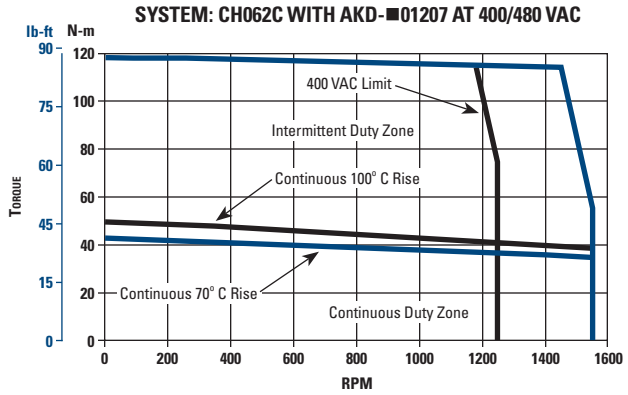
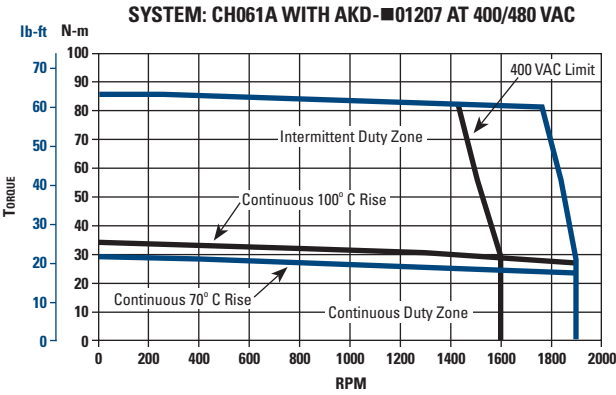


Notes:

1. At 40°C ambient.
2. Increase T_c by 1.06 times for 25°C ambient.
3. Temperature rise assumes a 18 x 18 x 0.50 inch aluminum mounting plate or equivalent.

System Performance at 400 / 480 VAC CH06x Cartridge DDR Motor with AKD Servo Drive Series Amplifier

System Performance	Symbol	Units	CH061A	CH062C	CH063C	CH063B
Continuous Torque 100°C Rise ¹²³	Tc	lb-ft (N-m)	24.9 (33.8)	35.7 (48.4)	45.6 (61.8)	43.5 (59.0)
Cont. Line Current	Ic	amps RMS	10.0	11.8	11.3	19.8
Continuous Torque 70°C Rise ¹²³	Tc	lb-ft (N-m)	21.7 (29.4)	31.1 (42.2)	39.7 (53.9)	37.9 (51.4)
Cont. Line Current	Ic	amps RMS	8.72	10.3	9.84	17.3
Peak Torque	Tp	lb-ft (N-m)	64.1 (86.8)	86.5 (117)	115 (157)	100 (136)
Peak Line Current	Ip	amps RMS	27.0	30.0	30.0	48.0
Maximum Speed (400 V) Maximum Speed (480 V)	N max	RPM	1600 1900	1250 1550	950 1150	1850 2200
Weight	Wt	lb (kg)	41.0 (18.6)	52.0 (23.6)	63.0 (29.0)	63.0 (29.0)
Rotor Inertia	Jm	oz-in-sec ² (kg-cm ²)	1.33 (94.1)	1.78 (126)	2.23 (157)	2.23 (157)



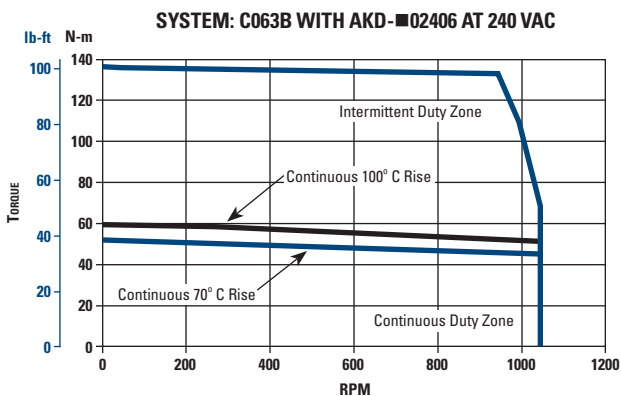
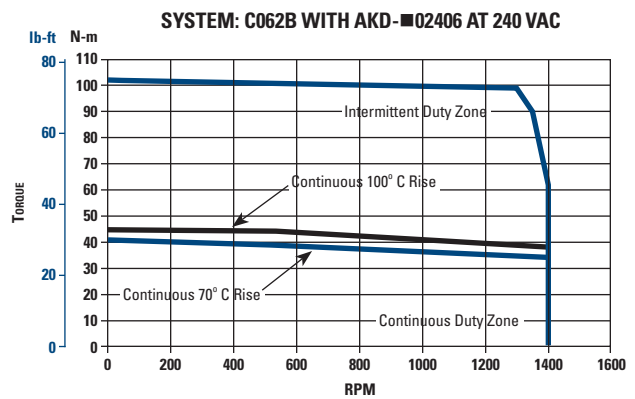
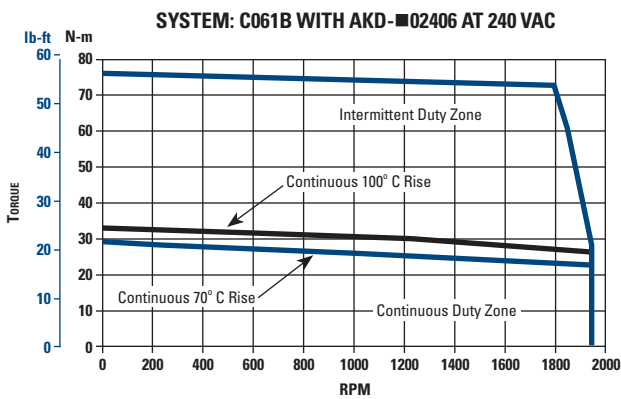
- Notes:
1. At 40°C ambient.
 2. Increase Tc by 1.06 times for 25°C ambient.
 3. Temperature rise assumes a 18 x 18 x 0.50 inch aluminum mounting plate or equivalent.

Technical Performance Data

C06xB

System Performance at 240 VAC C06xB Cartridge DDR Motor (High-Speed Winding) with AKD Servo Drive Series Amplifier

System Performance	Symbol	Units	C061B	C062B	C063B
Continuous Torque 100°C Rise ¹²³	T _c	lb-ft (N-m)	24.1 (32.6)	32.9 (44.6)	43.5 (59.0)
Cont. Line Current	I _c	amps RMS	19.7	20.0	19.8
Continuous Torque 70°C Rise ¹²³	T _c	lb-ft (N-m)	21.0 (28.4)	29.9 (40.5)	37.9 (51.4)
Cont. Line Current	I _c	amps RMS	17.2	18.2	17.3
Peak Torque	T _p	lb-ft (N-m)	55.7 (75.6)	75.2 (102)	100 (136)
Peak Line Current	I _p	amps RMS	48.0	48.0	48.0
Maximum Speed	N max	RPM	1950	1400	1050
Weight	Wt	lb (kg)	41.0 (18.6)	52.0 (23.6)	63.0 (29.0)
Rotor Inertia	J _m	oz-in-sec ² (kg-cm ²)	1.33 (94.1)	1.78 (126)	2.23 (157)



Notes:

1. At 40°C ambient.
2. Increase T_c by 1.06 times for 25°C ambient.
3. Temperature rise assumes a 18 x 18 x 0.50 inch aluminum mounting plate or equivalent.