

X = 'B' FOR BALLSCREW; 'L' FOR ACME LEADSCREW; (.003"/FT LEAD ACCURACY) =====>

* G = 1.00" WHEN 'U' OPTION SELECTED

MODEL	A	B	C	D	E	F	G*	H	J	K	L
CG(A/C)3- 3-1/X***	3.0 76.2	3.0 76.2	2.0 50.8	1.0 25.4	5.62 142.7	1.25 31.8	0.63 15.9	0.25 6.4	1.77 45.0	1.65 41.9	1.65 41.9
CG(A/C)3- 5-2/X***	3.0 76.2	5.0 127.0	3.0 76.2	2.0 25.4	7.62 193.5	1.25 31.8	0.63 15.9	0.25 6.4	1.77 45.0	1.65 41.9	1.65 41.9
CG(A/C)3- 7-3/X***	3.0 76.2	7.0 177.8	4.0 101.6	3.0 76.2	9.62 244.3	1.25 31.8	0.63 15.9	0.25 6.4	1.77 45.0	1.65 41.9	1.65 41.9
CG(A/C)3- 9-4/X***	3.0 76.2	9.0 228.6	5.0 127.0	4.0 101.6	11.62 295.1	1.25 31.8	0.63 15.9	0.25 6.4	1.77 45.0	1.65 41.9	1.65 41.9

*** = 3/8" OD SCREW LEAD: B = 2.5mm LEAD; (< .002 BACKLASH); L = .0125, .025, .050, .062, .100, .125, .200, .500, 2mm, 5mm, 25mm LEAD.

U = 1/4" OD UNIVERSAL LEADSCREW LEAD: .025", .050", .100", .200", 1mm, 2mm.

4" WIDE 118 SERIES

MODEL	A	B	C	D	E	F	G	H	J	K	L
CG(A/C)4- 5- 1/X***	4.0 101.6	5.0 127.0	4.0 101.6	1.0 25.4	7.8 198.1	1.44 36.6	0.77 19.5	0.25 6.4	1.77 45.0	2.25 57.1	2.25 57.1
CG(A/C)4- 6- 2/X***	4.0 101.6	6.0 152.4	4.0 101.6	2.0 50.8	8.8 223.5	1.44 36.6	0.77 19.5	0.25 6.4	1.77 45.0	2.25 57.1	2.25 57.1
CG(A/C)4- 9- 2/X***	4.0 101.6	9.0 228.6	5.0 127.0	4.0 101.6	11.8 299.7	1.44 36.6	0.77 19.5	0.25 6.4	1.77 45.0	2.25 57.1	2.25 57.1
CG(A/C)4-13- 6/X***	4.0 101.6	13.0 330.2	7.0 177.8	6.0 152.4	15.8 401.3	1.44 36.6	0.77 19.5	0.25 6.4	1.77 45.0	2.25 57.1	2.25 57.1

*** = 3/8" OD SCREW LEAD: B = .125, 1mm, 2mm LEAD; (< .002 BACKLASH); L = .0125, .025, .050, .062, .100, .125, .200, .500, 2mm, 5mm, 25mm LEAD.

6" WIDE 236 SERIES

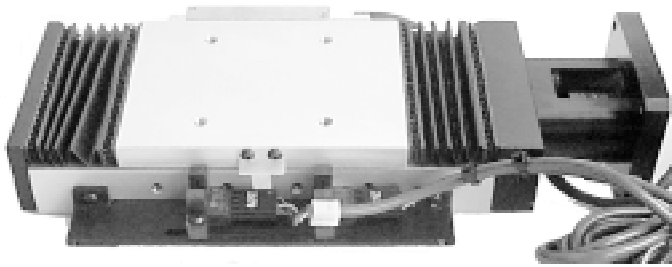
MODEL	A	B	C	D	E	F	G	H	J	K	L
CG(A/C)6- 8- 2/X***	6.0 152.4	8.0 203.2	6.0 152.4	2.0 50.8	11.5 292.1	2.0 50.8	0.99 25.1	0.25 6.4	2.25 57.1	2.25 57.1	2.25 57.1
CG(A/C)6-10- 4/X***	6.0 152.4	10.0 254.0	6.0 152.4	4.0 50.8	13.5 342.9	2.0 50.8	0.99 25.1	0.25 6.4	2.25 57.1	2.25 57.1	2.25 57.1
CG(A/C)6-14- 6/X***	6.0 152.4	14.0 355.6	8.0 203.2	6.0 152.4	17.62 447.5	2.0 50.8	0.99 25.1	0.25 6.4	2.25 57.1	2.25 57.1	2.25 57.1
CG(A/C)6-18- 8/X***	6.0 152.4	18.0 457.2	10.0 254.0	8.0 203.2	21.62 549.1	2.0 50.8	0.99 25.1	0.25 6.4	2.25 57.1	2.25 57.1	2.25 57.1
CG(A/C)6-22-10/X***	6.0 152.4	22.0 558.8	12.0 304.8	10.0 254.0	25.62 650.7	2.0 50.8	0.99 25.1	0.25 6.4	2.25 57.1	2.25 57.1	2.25 57.1

*** = 5/8" OD SCREW THREAD LEAD: B = .200", 2mm LEAD; (< .002 BACKLASH); L = .025", .033", .050", .100", .200", .500", 2.00", 4mm LEAD.

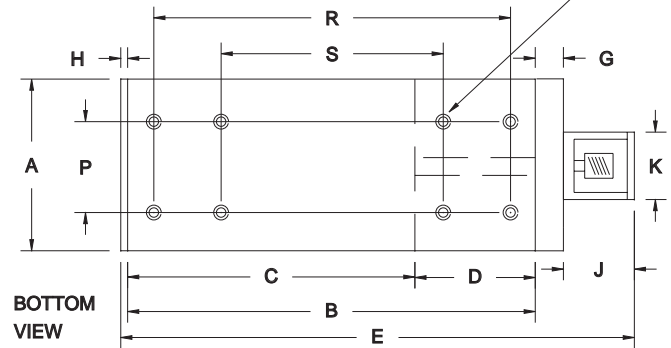
NEMA 23 SIZE MOTOR MOUNT (NEMA 17 ON CG3 SERIES) AND FLEXIBLE COUPLING SUPPLIED AS STANDARD

OPTIONS: MECHANICAL OR OPTICAL HOME/LIMIT SWITCHES, WAYCOVERS (LENGTH & WIDTH INCREASE) , MOTOR MOUNT SIZE, CUSTOM MOUNTING PROVISIONS, BLACK ANODIZE, ELECTROLESS NICKEL. TRAVEL LENGTHS AND PLATE LENGTHS MAY BE ALTERED - PLEASE CONSULT FACTORY.

FEATURE ANTI-BACKLASH PRECISION ROLLED SCREWS



DRILL & C'BORE FOR (X TYPE) CAP (Tx) FAR SIDE



A = ALUMINUM C = CAST IRON

'U' FOR GROUND LEADSCREW; (.0004"/FT LEAD ACCURACY)

3" WIDE 118 SERIES

M	N	O	P	R	S	T	X	Y	RAIL SET	WEIGHT (LBS)		MAX* LOAD	MODEL
										A	C		
2.000 50.80	1.500 38.10	10-32 (M5x0.8)	1.250 31.75	2.000 50.80		4	#10 (M5)	4.00 101.6	RS118-02P/07	2.2	3.7	116	CG(A/C)3- 3- 1/X***
2.000 50.80	2.000 50.80	10-32 (M5x0.8)	1.250 31.75	4.000 101.60		4	#10 (M5)	4.00 101.6	RS118-03P/09	2.6	4.5	98	CG(A/C)3- 5- 2/X***
2.000 50.80	3.000 76.20	10-32 (M5x0.8)	1.250 31.75	5.000 127.00		4	# 10 (M5)	4.00 101.6	RS118-04P/12	3.2	6.4	98	CG(A/C)3- 7- 3/X***
2.000 50.80	4.000 101.60	10-32 (M5x0.8)	1.250 31.75	7.000 177.80		4	# 10 (M5)	4.00 101.6	RS118-05P/14	3.9	7.3	116	CG(A/C)3- 9- 4/X***

HORIZONTAL ATTITUDE NO-LOAD TORQUE REQUIREMENTS: BREAKAWAY = 4 - 10 OZ/IN; CONSTANT SPEED = 3 - 7 OZ/IN
CRITICAL SPEED LIMIT: LEADSCREWS = 1800 RPM'S; BALLSCREWS = 3000 RPM'S; UNIVERSAL LEADSCREW = 800 RPM'S

M	N	O	P	R	S	T	X	Y	RAIL SET	WEIGHT (LBS)		MAX* LOAD	MODEL
										A	C		
3.000 76.20	3.000 76.20	10-32 (M5x0.8)	2.000 50.80	4.000 101.60		4	#10 (M5)	5.00 127.0	RS118-04P/17	3.2	7.6	116	CG(A/C)4- 5- 1/X***
3.000 76.20	3.000 76.20	10-32 (M5x0.8)	2.000 50.80	5.000 127.00		4	#10 (M5)	5.00 127.0	RS118-04P/15	3.7	9.0	98	CG(A/C)4- 6- 2/X***
3.000 76.20	4.000 101.60	10-32 (M5x0.8)	2.000 50.80	8.000 203.20		4	# 10 (M5)	5.00 127.0	RS118-05P/14	5.4	12.1	98	CG(A/C)4- 9- 4/X***
3.000 76.20	6.000 152.40	10-32 (M5x0.8)	2.000 50.80	12.000 304.80	6.000 152.4	8	# 10 (M5)	5.00 127.0	RS118-07P/19	6.3	14.8	116	CG(A/C)4-13- 6/X***

HORIZONTAL ATTITUDE NO-LOAD TORQUE REQUIRMENTS: BREAKAWAY = 6 - 10 OZ/IN; CONSTANT SPEED = 6 - 12 OZ/IN
CRITICAL SPEED LIMIT: BALLSCREWS = 3000 RPM'S; LEADSCREWS = 1800 RPM'S

M	N	O	P	R	S	T	X	Y	RAIL SET	WEIGHT (LBS)		MAX* LOAD	MODEL
										A	C		
5.000 127.00	5.000 127.00	1/4-20 (M6x1.0)	3.500 88.90	6.000 152.40		4	1/4" (M6)	7.00 177.8	RS236-06P/14	10.1	24.8	300	CG(A/C)6- 8- 2/X***
5.000 127.00	5.000 127.00	1/4-20 (M6x1.0)	3.500 88.90	8.000 203.20		4	1/4" (M6)	7.00 177.8	RS236-06P/11	12.5	29.1	240	CG(A/C)6-10- 4/X***
5.000 127.00	7.000 177.80	1/4-20 (M6x1.0)	3.500 88.90	12.000 304.80	6.000 152.40	8	1/4" (M6)	7.00 177.8	RS236-08P/14	15.8	38.6	300	CG(A/C)6-14- 6/X***
5.000 127.00	8.000 204.00	1/4-20 (M6x1.0)	3.500 88.90	16.000 406.40	8.000 203.20	8	1/4" (M6)	7.00 177.8	RS236-10P/17	19.2	45.3	360	CG(A/C)6-18- 8X***
5.000 127.00	10.000 254.00	1/4-20 (M6x1.0)	3.500 88.90	18.000 457.20	10.000 254.00	8	1/4" (M6)	7.00 177.8	RS236-12P/20	23.8	50.2	420	CG(A/C)6-22-10X***

HORIZONTAL ATTITUDE NO-LOAD TORQUE REQUIRMENTS: BREAKAWAY = 6 - 10 OZ/IN; CONSTANT SPEED = 6 - 12 OZ/IN
CRITICAL SPEED LIMIT: BALLSCREWS = 4000 RPM'S; LEADSCREWS = 2400 RPM'S

* MAXIMUM LOAD CALCULATION INCLUDES SAFETY FACTOR AND AXIAL FORCES.