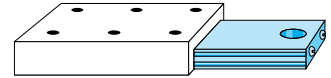


Ball Bearing Slides



Ball Slides



Daedal miniature and standard size ball bearing slides are a popular solution for most applications requiring inexpensive, yet accurate and reliable linear motion.

Daedal ball slides are offered in many different sizes and styles. Proper sizing and selection is based on travel, load, dimensional and mounting requirements, open aperture or solid top configurations, etc.

Based on our large scale production and inventory capabilities, Daedal offers exclusively precision grade ball slides at prices comparable to other brands of commercial quality products.

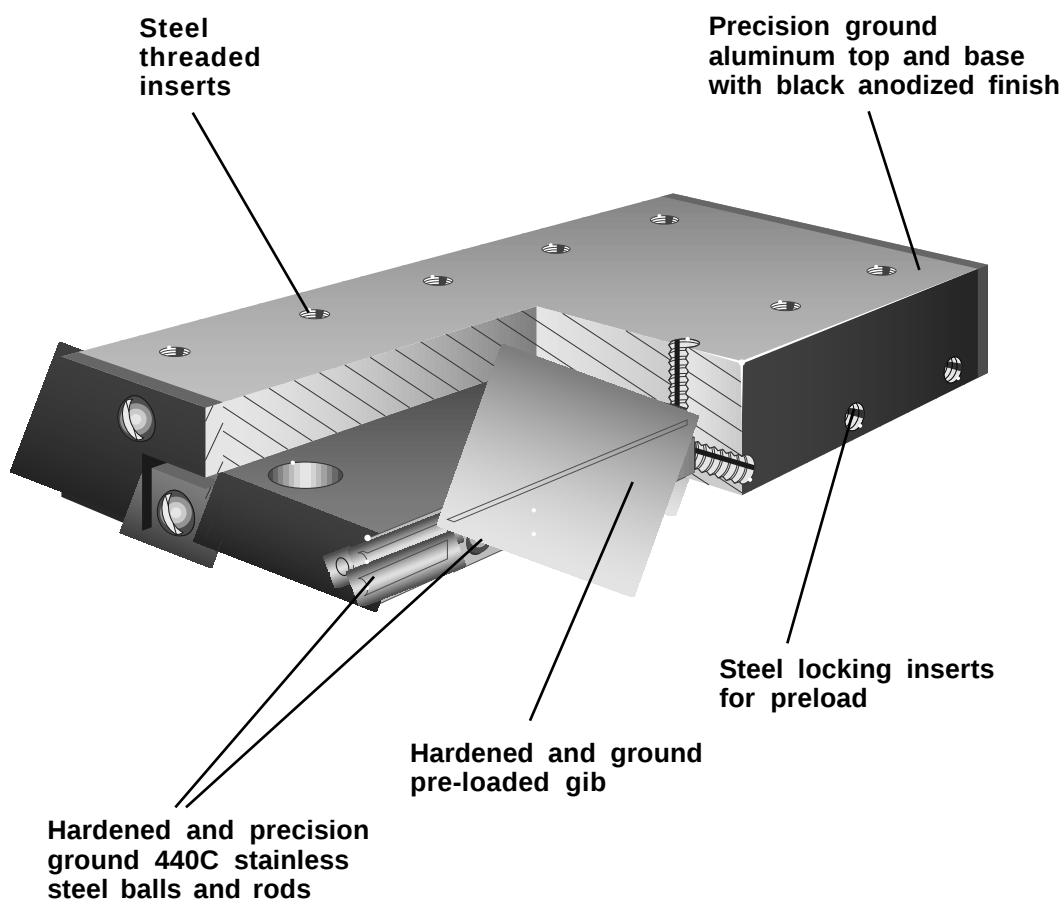
Ball Bearing Slides

Ball Slide Design Principles

Daedal ball slides are mechanically simple linear motion devices comprised of a stationary base member with a mobile carriage riding on top. Two rows of hardened steel balls on both sides of the base provide the smooth, accurate, low friction sliding motion between the stationary base and the top slide. Each row of bearings is contained between four hardened and precision steel rods. These bearing assemblies are factory preloaded to eliminate wobble and unwanted play in the system.

Ball slides are functionally much more reliable than simple dovetail slides, since there is no direct sliding contact of the top and bottom members. Ball slides eliminate the rapid wear problems, regular lubrication requirements, and "stiction" (skipping and jumping caused by the increased force needed to initiate movement) characteristic of dovetail slides.

Daedal also offers a high load capacity, long life cross roller slides for applications requiring maximum load and life performance, see pages [A33 through A44](#) for complete details.



Standard Features

All models offer high quality construction features as standard:

- Straight line accuracy of 0.00008 inches per inch of travel (0.00025 inches per inch of travel for miniatures)
- Precision ground mounting surfaces to assure flatness and parallelism
- Factory preloaded to precision specifications to eliminate any side play and provide a uniform coefficient of friction
- Factory tapped and threaded mounting holes on the top for easy payload mounting
- Factory machining services for special hole configurations and custom modifications
- Locking thread inserts on preloaded screws—for a maintenance-free life without loss of preload
- Hardened and precision ground 440C stainless steel balls and rods

How to Order

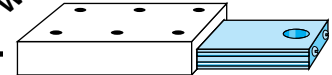
Use the overview chart on the following page to select the appropriate ball slide. Refer to the individual specifications page for complete performance and mechanical specifications.

To order ball slides, use the model number corresponding to the specific size and travel length selected.

A variety of modifications to standard models are available to meet custom requirements. Contact our application engineering department with your design specifications.

Ball Bearing Slides

0.6" - 6.0" Wide



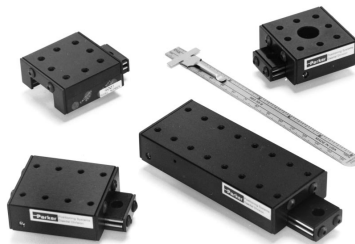
Ball Slides

1.25" Wide or Less



Travel	Normal Load		Inverted Load		Imperial Mounting	Metric Mounting	Page
	in	(mm)	lbs	(kg)			
0.5	(12,7)		4	(1,8)	2	(0,9)	A12
			6	(2,7)	3	(1,4)	A16
			8	(3,6)	4	(1,8)	A13
			10	(4,5)	5	(2,3)	A14
0.75	(19,1)		15	(6,8)	8	(3,6)	A15
1.00	(25,4)		8	(3,6)	4	(1,8)	A12
			10	(4,5)	5	(2,3)	A13
			12	(5,4)	6	(2,7)	A14
1.50	(38,1)		18	(8,2)	9	(4,1)	A15
2.00	(50,8)		12	(5,4)	6	(2,7)	A12-13
			15	(6,8)	7	(3,2)	A14
			20	(9,1)	10	(4,5)	A15
3.00	(76,2)		14	(6,4)	7	(3,2)	A12-13
			25	(11,3)	13	(5,9)	A15
4.00	(101,6)		30	(13,6)	15	(6,8)	A15

1.75" Wide



1.00	(25,4)		25	(11)	13	(6)	•	•	A17
			28	(13)	14	(7)	•	•	A18
2.00	(50,8)		40	(18)	20	(9)	•	•	A18
3.00	(76,2)		55	(25)	28	(13)	•	•	A18

2.62" Wide



1.0	(25,4)		40	(18)	20	(9)	•	•	A19
2.0	(50,8)		64	(29)	32	(15)	•	•	A20
3.0	(76,2)		95	(43)	47	(22)	•	•	A20
4.0	(101,6)		122	(55)	61	(28)	•	•	A20
6.0	(152,4)		147	(67)	74	(33)	•		A21
9.0	(228,6)		184	(84)	92	(42)	•		A21
12.0	(304,8)		205	(93)	103	(47)	•		A21
15.0	(381,0)		225	(102)	113	(51)	•		A21
18.0	(457,2)		250	(113)	125	(56)	•		A21
21.0	(533,4)		272	(123)	136	(62)	•		A21
24.0	(609,6)		305	(138)	153	(70)	•		A21
27.0	(685,8)		330	(150)	165	(75)	•		A21
30.0	(762,0)		355	(161)	178	(80)	•		A21

5.0" Wide

2.0	(50,8)		60	(27)	30	(13)	•	•	A23
3.0	(75,0)		95	(43)	48	(22)	•	•	A22

6.0" Wide

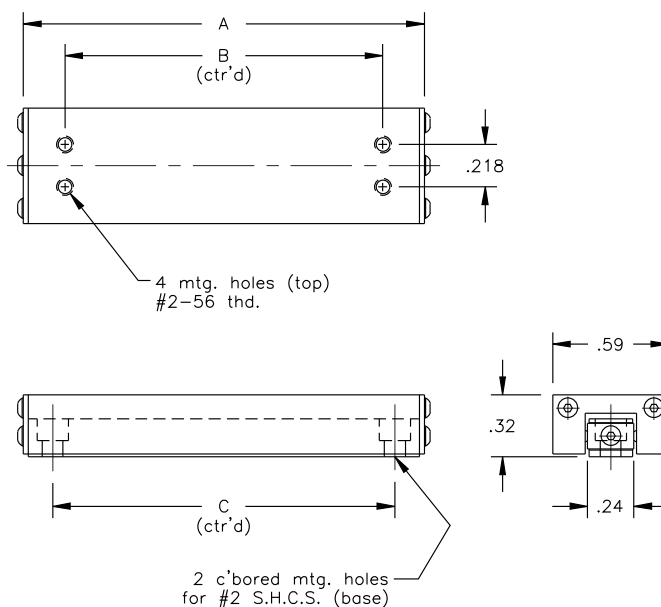


4.0	(100,0)		100	(45)	50	(22)	•	•	A24
6.0	(150,0)		110	(50)	55	(25)	•	•	A24
8.0	(200,0)		120	(55)	60	(27)	•	•	A24
10.0	(250,0)		130	(59)	65	(29)	•	•	A24
12.0	(300,0)		140	(64)	70	(32)	•	•	A24

Ball Bearing Slides

3505 Series

Specifications	Imperial
Travel:	0.5 – 3.0 in
Size:	
Width	0.59 in
Length	1.12 – 4.12 in
Height	0.32 in
Load:	
Normal	4 – 14 lbs
Inverted	2 - 7 lbs
Moment: Yaw, Pitch, Roll	See page A25
Straight line accuracy:	0.00025 in/in of travel
Metric thread option:	M2 x 0,4
Construction: aluminum top and base/440C stainless steel bearings	
Mounting surface: precision ground	
Finish: black anodize	

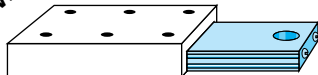


Selection

	Model	Travel in (mm)	Normal Load lbs (kg)	Inverted Load lbs (kg)	Weight lbs (kg)	A in (mm)	B in (mm)	C in (mm)
Imperial	3505-05	0.5 (12,7)	4 (1,8)	2 (0,9)	0.03 (0,01)	1.12 (28,4)	0.63 (16,0)	0.75 (19,1)
	3505-10	1.0 (25,4)	8 (3,6)	4 (1,8)	0.04 (0,02)	2.12 (53,8)	1.63 (41,4)	1.38 (35,1)
	3505-20	2.0 (50,8)	12 (5,4)	6 (2,7)	0.06 (0,03)	3.12 (79,2)	2.63 (66,8)	2.38 (60,5)
	3505-30	3.0 (76,2)	14 (6,4)	7 (3,2)	0.08 (0,04)	4.12 (104,6)	3.63 (92,2)	3.38 (85,9)

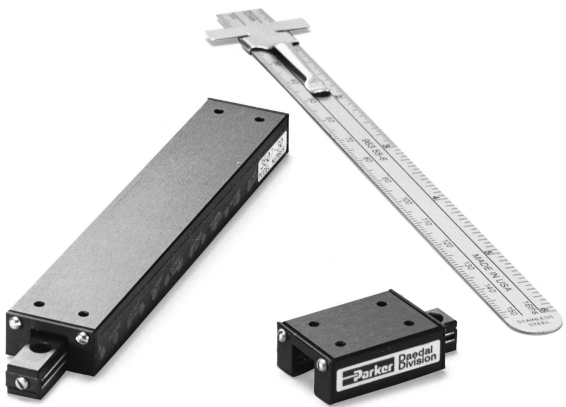
Ball Bearing Slides

0.6" - 0.75" Wide

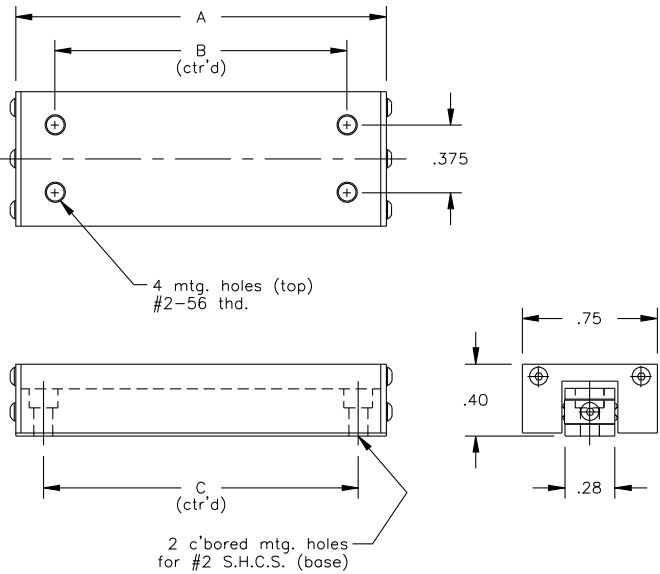


3507 Series

Specifications	Imperial
Travel:	0.5 – 3.0 in
Size:	
Width	0.75 in
Length	1.12 – 4.12 in
Height	0.40 in
Load:	
Normal	8 – 14 lbs
Inverted	4 – 7 lbs
Moment: Yaw, Pitch, Roll	See page A25
Straight line accuracy:	0.00025 in/in of travel
Metric thread option:	M2 x 0,4
Construction: aluminum top and base/440C stainless steel bearings	
Mounting surface: precision ground	
Finish: black anodize	



Ball Slides



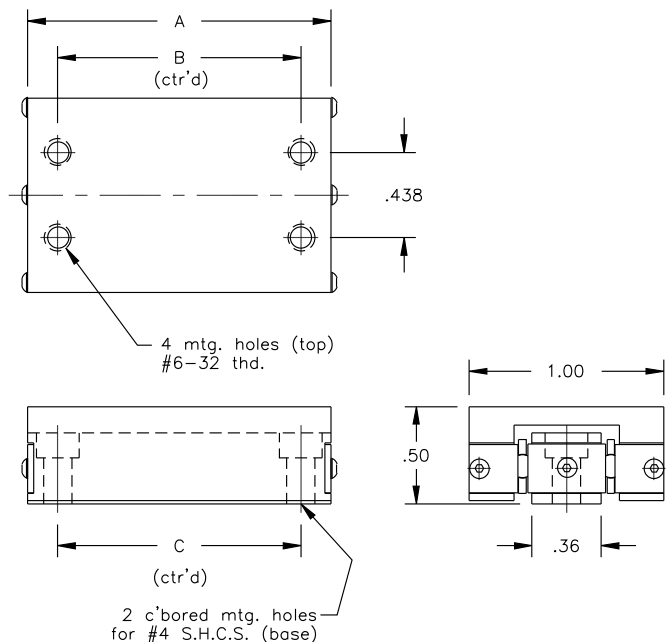
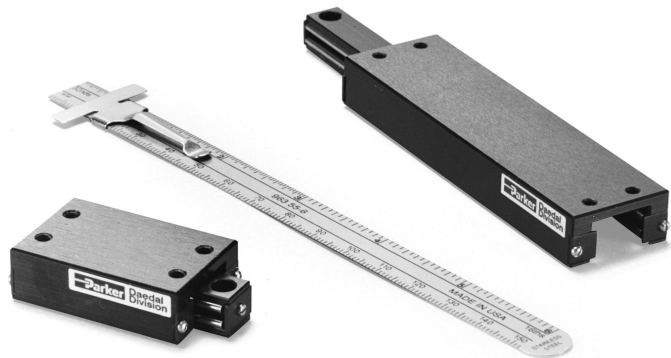
Selection

	Model	Travel in (mm)	Normal Load lbs (kg)	Inverted Load lbs (kg)	Weight lbs (kg)	A in (mm)	B in (mm)	C in (mm)
Imperial	3507-05	0.5 (12,7)	8 (3,6)	4 (1,8)	0.04 (0,02)	1.12 (28,4)	0.63 (16,0)	0.75 (19,1)
	3507-10	1.0 (25,4)	10 (4,5)	5 (2,3)	0.06 (0,03)	2.12 (53,8)	1.63 (41,4)	1.38 (35,1)
	3507-20	2.0 (50,8)	12 (5,4)	6 (2,7)	0.08 (0,04)	3.12 (79,2)	2.63 (66,8)	2.38 (60,5)
	3507-30	3.0 (76,2)	14 (6,4)	7 (3,2)	0.10 (0,05)	4.12 (104,6)	3.63 (92,2)	3.38 (85,9)

Ball Bearing Slides

3510 Series

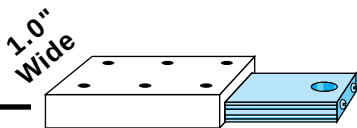
Specifications	Imperial
Travel:	0.5 – 2.0 in
Size:	
Width	1.00 in
Length	1.68 – 3.68 in
Height	0.50 in
Load:	
Normal	10 – 15 lbs
Inverted	5 – 7 lbs
Moment: Yaw, Pitch, Roll	See page A26
Straight line accuracy:	0.00025 in/in of travel
Metric thread option:	M2 x 0,4
Construction:	aluminum top and base/440C stainless steel bearings
Mounting surface:	precision ground
Finish:	black anodize



Selection

	Model	Travel in (mm)	Normal Load lbs (kg)	Inverted Load lbs (kg)	Weight lbs (kg)	A in (mm)	B in (mm)	C in (mm)
Imperial	3510-05	0.5 (12,7)	10 (4,5)	5 (2,3)	0.10 (0,045)	1.68 (42,7)	1.25 (31,8)	1.25 (31,8)
	3510-10	1.0 (25,4)	12 (5,4)	6 (2,7)	0.12 (0,054)	2.68 (68,1)	2.25 (57,2)	2.25 (57,2)
	3510-20	2.0 (50,8)	15 (6,8)	7 (3,2)	0.14 (0,064)	3.68 (93,5)	3.25 (82,6)	3.25 (82,6)

Ball Bearing Slides

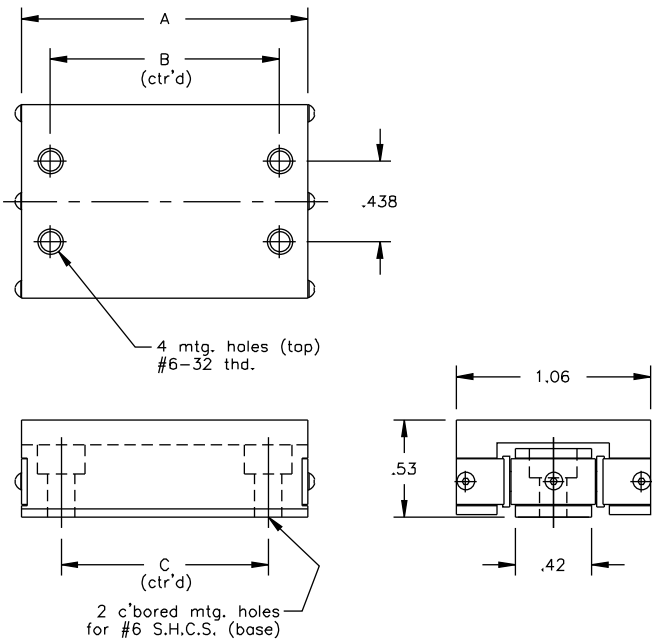


3511 Series

Specifications	Imperial
Travel:	0.75 – 4.0 in
Size:	
Width	1.06 in
Length	1.68 – 6.68 in
Height	0.53 in
Load:	
Normal	15 – 30 lbs
Inverted	8 – 15 lbs
Moment: Yaw, Pitch, Roll	See page A26
Straight line accuracy:	0.00025 in/in of travel
Metric thread option:	M2 x 0,4
Construction: aluminum top and base/440C stainless steel bearings	
Mounting surface: precision ground	
Finish: black anodize	



Ball Slides



Selection

	Model	Travel in (mm)	Normal Load lbs (kg)	Inverted Load lbs (kg)	Weight lbs (kg)	A in (mm)	B in (mm)	C in (mm)
Imperial	3511-07	0.75 (19,1)	15 (6,8)	8 (3,6)	0.08 (0,036)	1.68 (42,7)	1.25 (31,8)	1.13 (28,7)
	3511-15	1.5 (38,1)	18 (8,2)	9 (4,1)	0.14 (0,064)	2.68 (68,1)	2.25 (57,2)	2.13 (54,1)
	3511-20	2.0 (50,8)	20 (9,1)	10 (4,5)	0.20 (0,091)	3.68 (93,5)	3.25 (82,6)	3.13 (79,5)
	3511-30	3.0 (76,2)	25 (11,3)	13 (5,9)	0.26 (0,118)	4.68 (118,9)	4.00 (101,6)	3.25 (82,6)
	3511-40	4.0 (101,6)	30 (13,6)	15 (6,8)	0.32 (0,145)	6.68 (169,7)	5.50 (139,7)	4.00 (101,6)

Ball Bearing Slides

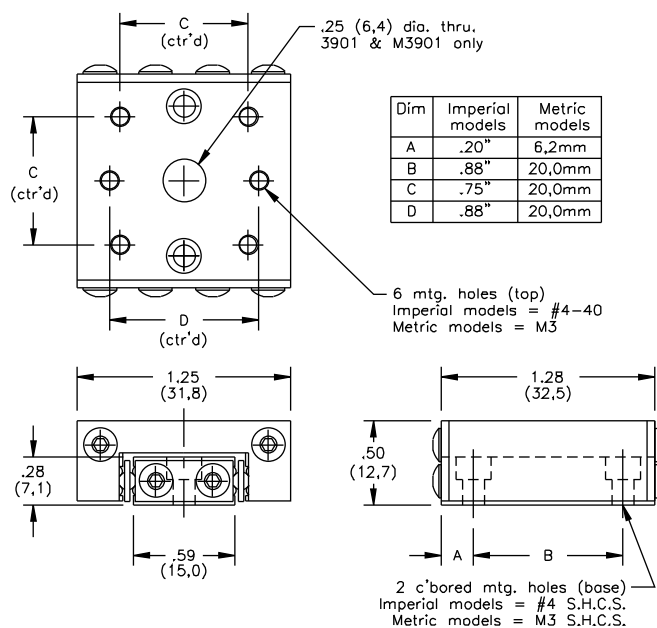
3900/M3900 Series

Specification	Imperial	Metric
Travel:	0.5 in	12,5 mm
Size:		
Width	1.25 in	31,8 mm
Length	1.25 in	31,8 mm
Height	0.50 in	12,7 mm
Load:		
Normal	6 lbs	2,7 kg
Inverted	3 lbs	1,4 kg
Moment: Yaw, Pitch, Roll	See page A27	See page A27
Straight line accuracy:	0.00008 in/in of travel	2µm/25mm of travel
Weight:	0.1 lb	0,05 kg
Construction: aluminum top and base/440C stainless steel bearings		
Mounting surface: precision ground		
Finish: black anodize		

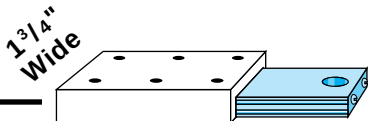


Selection

	Model	Travel	Aperture
Imperial	3901	0.5 in	0.25 in
	3905	0.5 in	—
Metric	M3901	12,5 mm	6,2 mm
	M3905	12,5 mm	—



Ball Bearing Slides



4000/M4000 Series

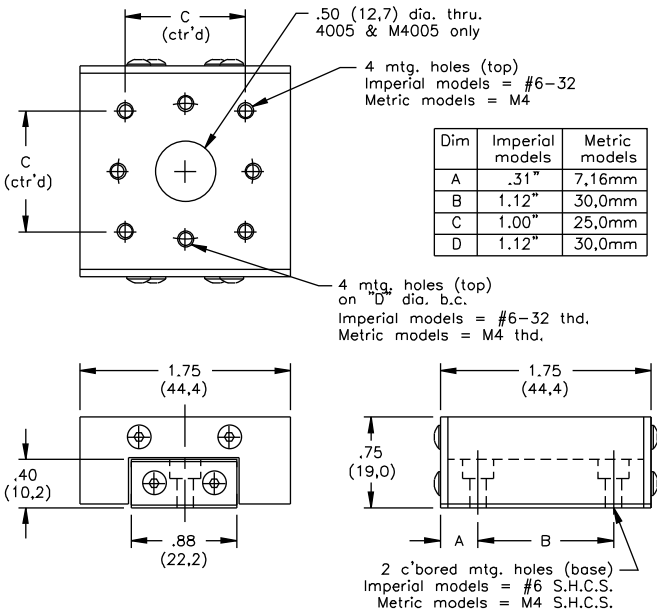
Specification	Imperial	Metric
Travel:	1.0 in	25,0 mm
Size:		
Width	1.75 in	44,4 mm
Length	1.75 in	44,4 mm
Height	0.75 in	19,0 mm
Load:		
Normal	25 lbs	11 kg
Inverted	13 lbs	6 kg
Moment: Yaw, Pitch, Roll	See page A27	See page A27
Straight line accuracy:	0.00008 in/in of travel	2µm/25mm of travel
Weight:	0.2 lb	0,09 kg
Construction: aluminum top and base/440C stainless steel bearings		
Mounting surface: precision ground		
Finish: black anodize		



Ball Slides

Selection

	Model	Travel	Aperture
Imperial	4001	1.0 in	—
	4005	1.0in	0.50 in
Metric	M4001	25,0 mm	—
	M4005	25,0 mm	12,5 mm



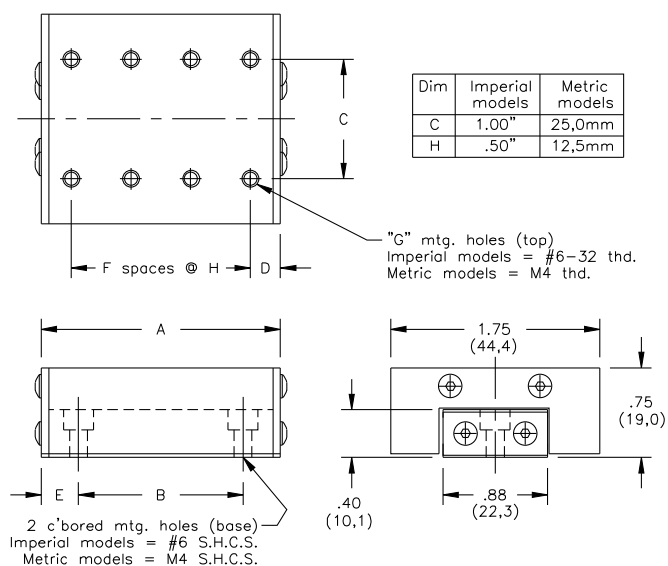
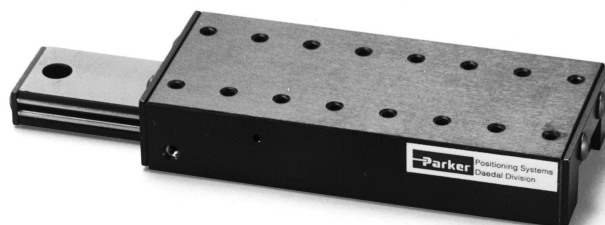
Ball Bearing Slides

4101/M4101 Series

4201/M4201 Series

4301/M4301 Series

Specification	Imperial	Metric
Travel:	1.0 – 3.0 in	25,0 – 75,0 mm
Size:		
Width	1.75 in	44,4 mm
Length	2.00 – 4.00 in	50,8 – 101,6 mm
Height	0.75 in	19,0 mm
Load:		
Normal	28 – 55 lbs	13 – 25 kg
Inverted	14 – 28 lbs	7 – 13 kg
Moment: Yaw, Pitch, Roll	See page A27	See page A27
Straight line accuracy:	0.00008 in/in of travel	2µm/25mm of travel
Weight:	0.2 – 0.4 lbs	0,09 – 0,27 kg
Construction: aluminum top and base/440C stainless steel bearings		
Mounting surface: precision ground		
Finish: black anodize		

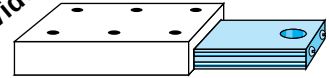


Selection

	Model	Travel	Normal Load	Inverted Load	Weight	Length A	Base B	Space D	Space E	Quantity F	Quantity G
Imperial	4101	1.0 in	28 lbs	14 lbs	0.2 lbs	2.00 in	1.38 in	0.25 in	0.31 in	3	8
	4201	2.0 in	40 lbs	20 lbs	0.4 lbs	3.00 in	2.38 in	0.25 in	0.31 in	5	12
	4301	3.0 in	55 lbs	28 lbs	0.6 lbs	4.00 in	3.38 in	0.25 in	0.31 in	7	16
Metric	M4101	25,0 mm	13 kg	7 kg	0,09 kg	50,8 mm	35,0 mm	12,9 mm	7,8 mm	2	6
	M4201	50,0 mm	18 kg	9 kg	0,18 kg	76,2 mm	60,0 mm	13,1 mm	8,1 mm	4	10
	M4301	75,0 mm	25 kg	13 kg	0,27 kg	101,6 mm	85,0 mm	13,3 mm	8,3 mm	6	14

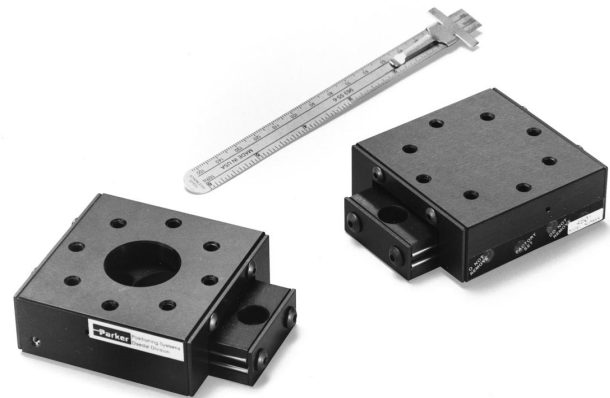
Ball Bearing Slides

2 5/8" Wide



4500/M4500 Series

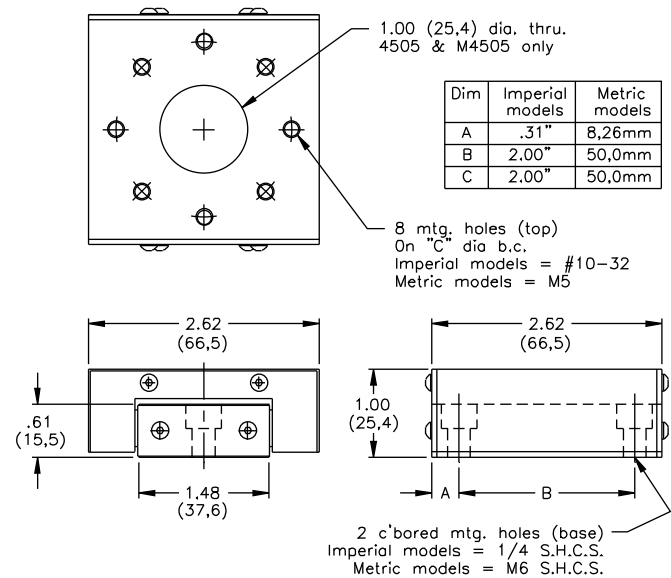
Specification	Imperial	Metric
Travel:	1.0 in	25,0 mm
Size:		
Width	2.62 in	66,5 mm
Length	2.62 in	66,5 mm
Height	1.00 in	25,4 mm
Load:		
Normal	40 lbs	18 kg
Inverted	20 lbs	9 kg
Moment: Yaw, Pitch, Roll	See page A27	See page A27
Straight line accuracy:	0.00008 in/in of travel	2µm/25mm of travel
Weight:	0.6 lbs (4501) 0.5 lbs (4505)	0,27 kg (M4501) 0,23 kg (M4505)
Construction: aluminum top and base/440C stainless steel bearings		
Mounting surface: precision ground		
Finish: black anodize		



Ball Slides

Selection

	Model	Travel	Aperture
Imperial	4501	1.0 in	—
	4505	1.0 in	1.00 in
Metric	M4501	25,0 mm	—
	M4505	25,0 mm	25,0 mm



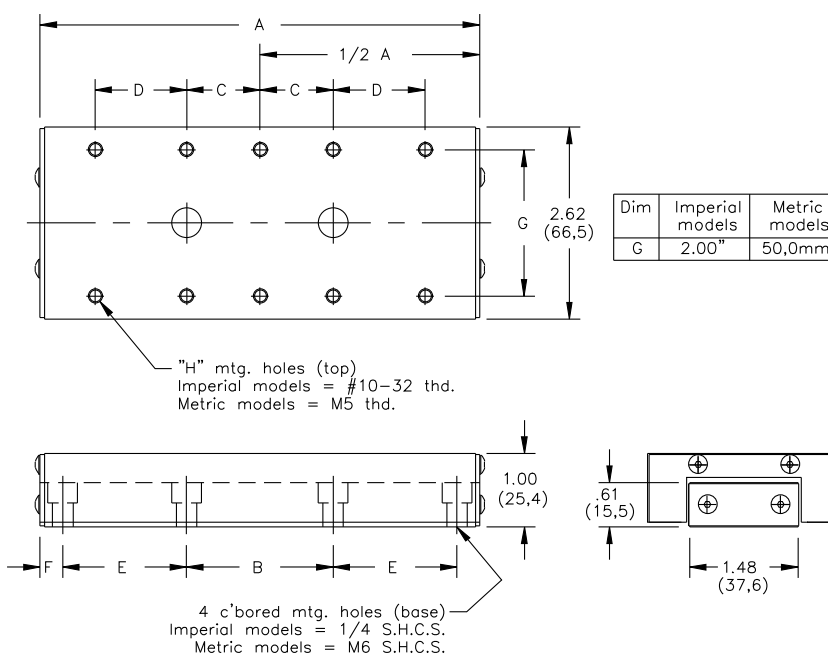
Ball Bearing Slides

4601/M4601 Series

4701/M4701 Series

4801/M4801 Series

Specification	Imperial	Metric
Travel:	2.0 – 4.0 in	25,0 – 75,0 mm
Size:		
Width	2.62 in	66,5 mm
Length	4.00 – 6.00 in	101,6 – 152,4 mm
Height	1.00 in	25,4 mm
Load:		
Normal	64 – 122 lbs	29 – 55 kg
Inverted	32 – 61 lbs	15 – 28 kg
Moment: Yaw, Pitch, Roll	See page A28	See page A28
Straight line accuracy:	0.00008 in/in of travel	2µm/25mm of travel
Weight:	0.9 – 1.4 lbs	0,41 – 0,64 kg
Construction: aluminum top and base/440C stainless steel bearings		
Mounting surface: precision ground		
Finish: black anodize		

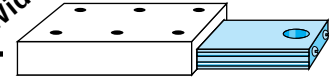


Selection

	Model	Travel	Normal Load	Inverted Load	Weight	Length A	Top C	Space D	Space E	Space F	Quantity H
Imperial	4601	2.0 in	64 lbs	32 lbs	0.9 lbs	4.00 in	0.5 in	—	0.69 in	0.31 in	6
	4701	3.0 in	95 lbs	47 lbs	1.1 lbs	5.00 in	1.0 in	—	1.19 in	0.31 in	6
	4801	4.0 in	122 lbs	61 lbs	1.4 lbs	6.00 in	0.5 in	1.0 in	1.69 in	0.31 in	10
Metric	M4601	50,0 mm	29 kg	15 kg	0,41 kg	101,6 mm	12,5 mm	—	12,5 mm	13,3 mm	6
	M4701	75,0 mm	43 kg	22 kg	0,50 kg	127,0 mm	25,0 mm	—	25,0 mm	13,5 mm	6
	M4801	100,0 mm	55 kg	28 kg	0,64 kg	152,4 mm	12,5 mm	25,0 mm	25,0 mm	26,2 mm	10

Ball Bearing Slides

2 5/8" Wide

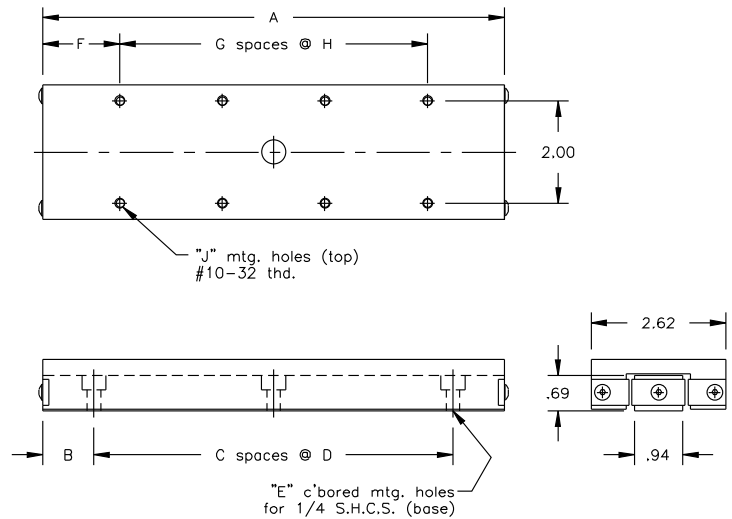


4600 Series

Specification	Imperial
Travel:	6.0 – 30.0 in
Size:	
Width	2.62 in
Length	9.00 – 33.00 in
Height	1.00 in
Load:	
Normal	147 – 355 lbs
Inverted	74 – 178 lbs
Moment: Yaw, Pitch, Roll	See page A28-A29
Straight line accuracy:	0.00008 in/in of travel
Weight:	2.3 – 8.9 lbs
Construction:	aluminum top and base/440C stainless steel bearings
Mounting surface:	precision ground
Finish:	black anodize



Ball Slides



Selection

	Model	Travel	Normal Load	Inverted Load	Weight	Length A	Space B	Quantity C	Space D	Quantity E	Space F	Quantity G	Space H	Quantity J
Imperial	4606	6.0 in	147 lbs	74 lbs	2.3 lbs	9.00 in	1.00 in	2	3.50 in	3	1.50 in	3	2.00 in	8
	4609	9.0 in	184 lbs	92 lbs	3.1 lbs	12.00 in	1.00 in	2	5.00 in	3	1.00 in	5	2.00 in	12
	4612	12.0 in	205 lbs	103 lbs	3.9 lbs	15.00 in	1.00 in	4	3.25 in	5	1.50 in	6	2.00 in	14
	4615	15.0 in	225 lbs	113 lbs	4.7 lbs	18.00 in	1.00 in	4	4.00 in	5	1.00 in	8	2.00 in	18
	4618	18.0 in	250 lbs	125 lbs	5.6 lbs	21.00 in	1.00 in	4	4.75 in	5	1.50 in	9	2.00 in	20
	4621	21.0 in	272 lbs	136 lbs	6.5 lbs	24.00 in	1.00 in	4	5.50 in	5	1.00 in	11	2.00 in	24
	4624	24.0 in	305 lbs	153 lbs	7.3 lbs	27.00 in	1.50 in	6	4.00 in	7	1.50 in	6	4.00 in	14
	4627	27.0 in	330 lbs	165 lbs	8.2 lbs	30.00 in	1.50 in	6	4.50 in	7	1.00 in	7	4.00 in	16
	4630	30.0 in	355 lbs	178 lbs	8.9 lbs	33.00 in	1.50 in	6	5.00 in	7	0.50 in	8	4.00 in	18

Ball Bearing Slides

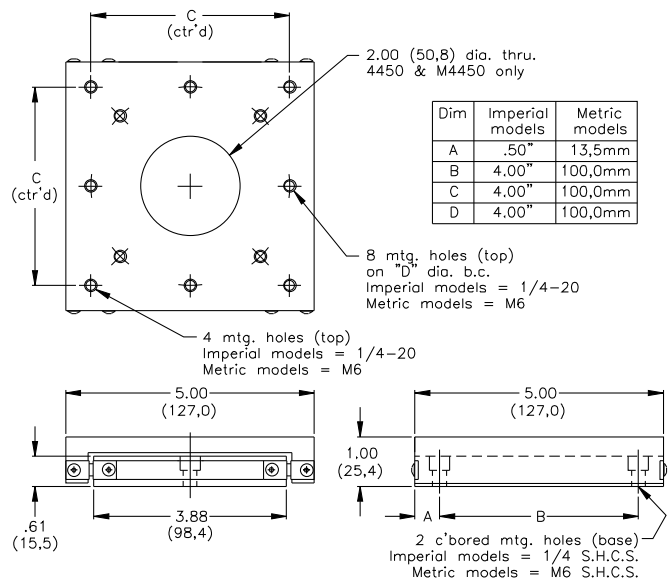
4400/M4400 Series

Specification	Imperial	Metric
Travel:	3.0 in	75,0 mm
Size:		
Width	5.00 in	127,0 mm
Length	5.00 in	127,0 mm
Height	1.00 in	25,4 mm
Load:		
Normal	95 lbs	43 kg
Inverted	48 lbs	22 kg
Moment: Yaw, Pitch, Roll	See page A27	See page A27
Straight line accuracy:	0.00008 in/in of travel	2µm/25mm of travel
Weight:	2.2 lbs (4410) 1.7 lbs (4450)	1,00 kg (M4410) 0,77 kg (M4450)
Construction: aluminum top and base/440C stainless steel bearings		
Mounting surface: precision ground		
Finish: black anodize		

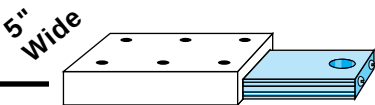


Selection

	Model	Travel	Aperture
Imperial	4410	3.0 in	—
	4450	3.0 in	2.00 in
Metric	M4410	75,0 mm	—
	M4450	75,0 mm	50,0 mm



Ball Bearing Slides



4900/M4900 Series

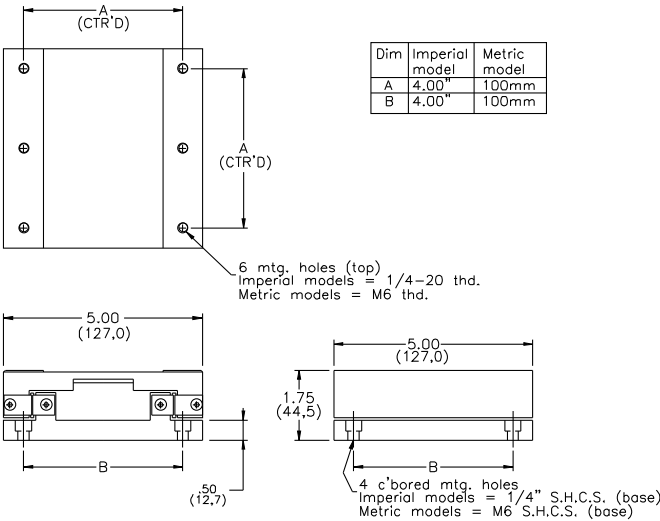
Specification	Imperial	Metric
Travel:	2.0 in	50,0 mm
Size:		
Width	5.00 in	127,0 mm
Length	5.00 in	127,0 mm
Height	1.75 in	44,5 mm
Load:		
Normal	60 lbs	27 kg
Inverted	30 lbs	13 kg
Moment: Yaw, Pitch, Roll	See page A30	See page A30
Straight line accuracy:	0.00008 in/in of travel	2µm/25mm of travel
Weight:	3.0 lbs	1,4 kg
Construction: aluminum top and base/440C stainless steel bearings		
Mounting surface: precision ground		
Finish: black anodize		



Ball Slides

Selection

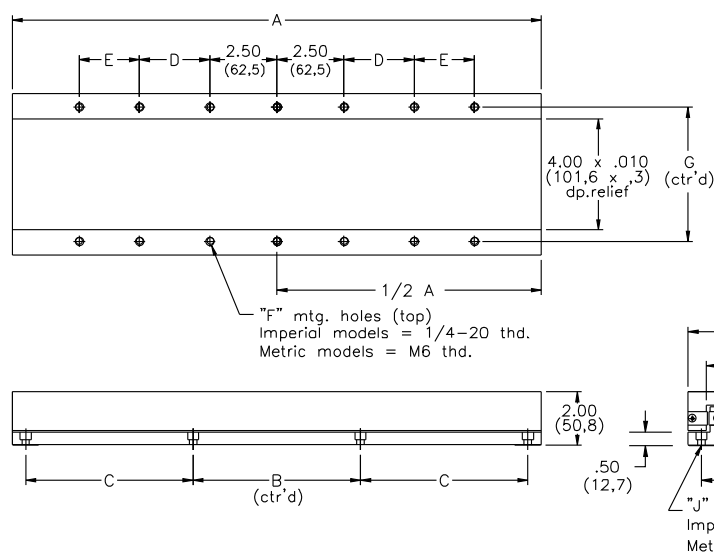
	Model	Travel
Imperial	4900-02	2.0 in
Metric	M4900-02	50,0 mm



Ball Bearing Slides

4900/M4900 Series

Specification	Imperial	Metric
Travel:	4.0 – 12.0 in	100,0 – 300,0 mm
Size:		
Width	6.00 in	152,4 mm
Length	6.00 – 18.00 in	152,4 – 457,2 mm
Height	2.00 in	50,8 mm
Load:		
Normal	100 – 140 lbs	45 – 64 kg
Inverted	50 – 70 lbs	23 – 32 kg
Moment: Yaw, Pitch, Roll	See page A30	See page A30
Straight line accuracy:	0.00008 in/in of travel	2µm/25mm of travel
Weight:	5.0 – 13.0 lbs	2,3 – 6,0 kg
Construction: aluminum top and base/440C stainless steel bearings		
Mounting surface: precision ground		
Finish: black anodize		

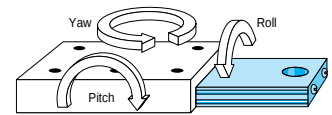


Dim	Imperial models	Metric models
G	5.00	125,0
H	5.00	125,0

Selection

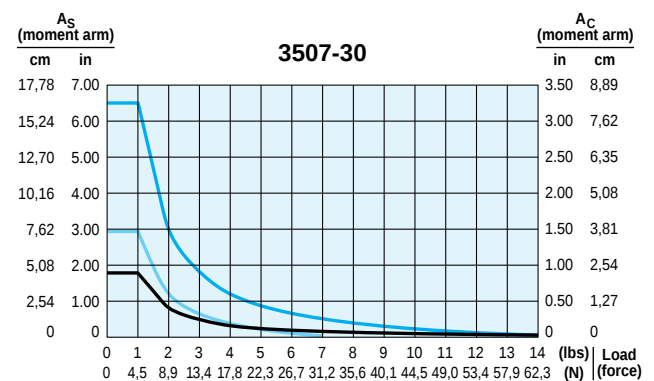
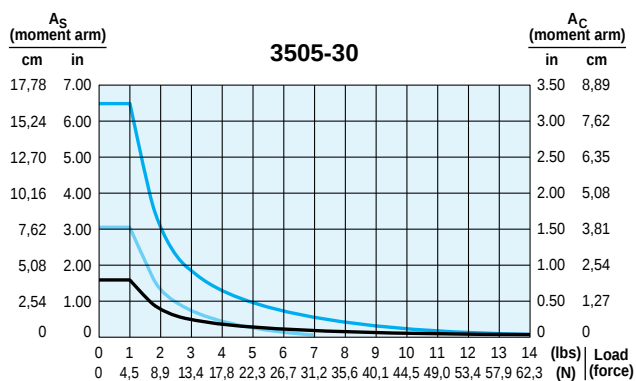
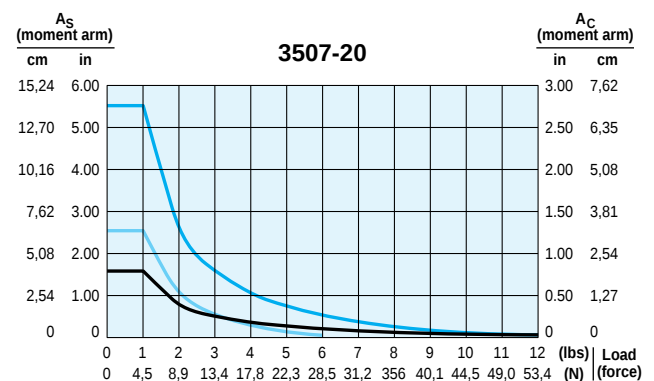
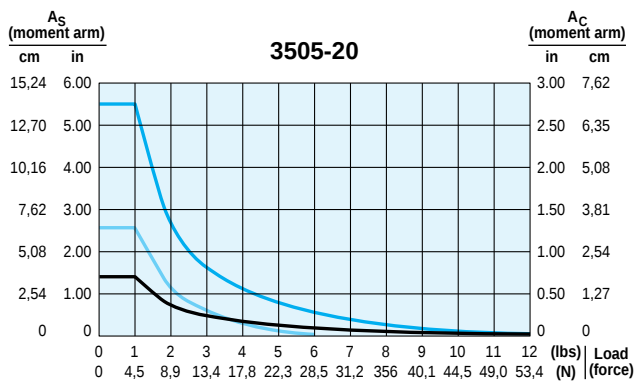
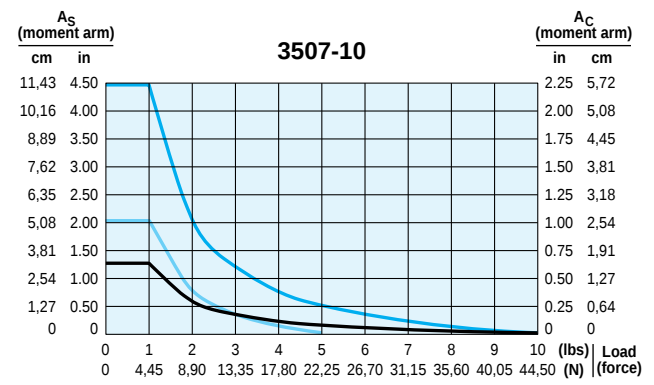
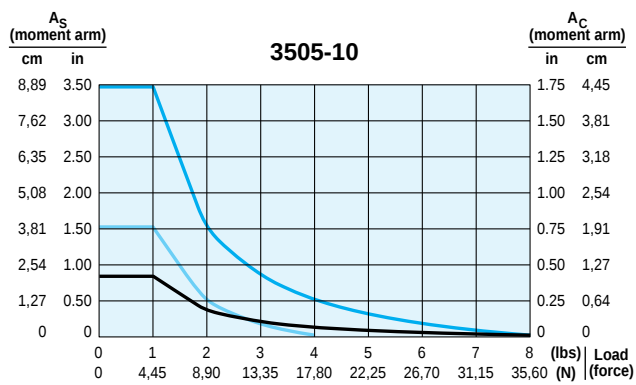
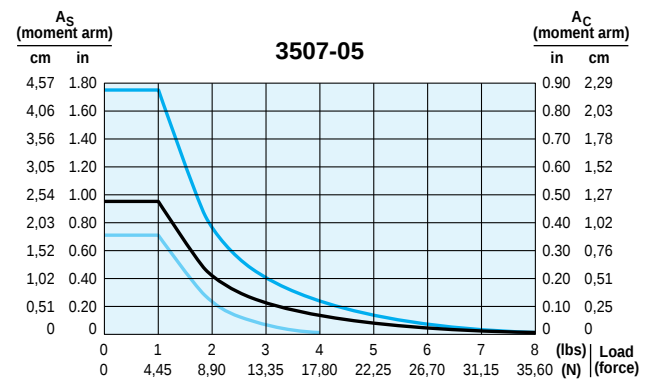
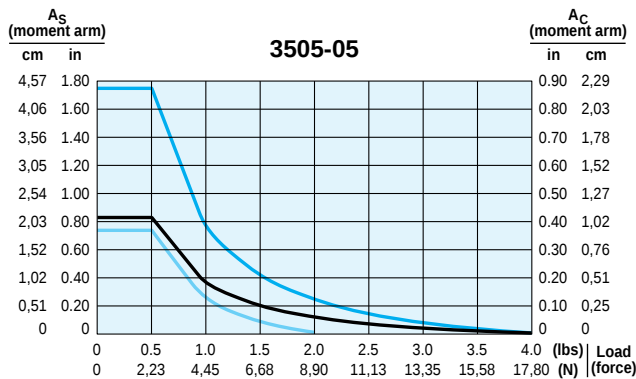
	Model	Travel	Normal Load	Inverted Load	Weight	Length A	Space B	Space C	Space D	Space E	Quantity F	Quantity J
Imperial	4900-04	4.0 in	100 lbs	50 lbs	5.0 lbs	6.00 in	5.00 in	—	—	—	6	4
	4900-06	6.0 in	110 lbs	55 lbs	7.0 lbs	9.00 in	5.00 in	1.50 in	1.50 in	—	10	8
	4900-08	8.0 in	120 lbs	60 lbs	9.0 lbs	12.00 in	5.00 in	3.00 in	2.50 in	—	10	8
	4900-10	10.0 in	130 lbs	65 lbs	11.0 lbs	15.00 in	6.00 in	4.00 in	2.50 in	2.00 in	14	8
	4900-12	12.0 in	140 lbs	70 lbs	13.0 lbs	18.00 in	7.00 in	5.00 in	5.00 in	1.00 in	14	8
Metric	M4900-04	100,0 mm	45 kg	23 kg	2,3 kg	152,4 mm	125,0 mm	—	—	—	6	4
	M4900-06	150,0 mm	50 kg	25 kg	3,0 kg	228,6 mm	125,0 mm	37,5 mm	37,5 mm	—	10	8
	M4900-08	200,0 mm	55 kg	27 kg	4,0 kg	304,8 mm	125,0 mm	75,0 mm	62,5 mm	—	10	8
	M4900-10	250,0 mm	59 kg	28 kg	5,0 kg	381,0 mm	150,0 mm	100,0 mm	62,5 mm	50,0 mm	14	8
	M4900-12	300,0 mm	64 kg	32 kg	6,0 kg	457,2 mm	175,0 mm	125,0 mm	125,0 mm	25,0 mm	14	8

Ball Bearing Slides



Yaw, Pitch & Roll

Yaw Pitch Roll



Ball Slides

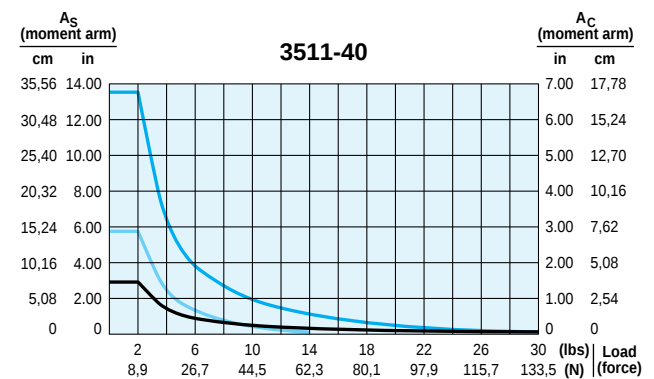
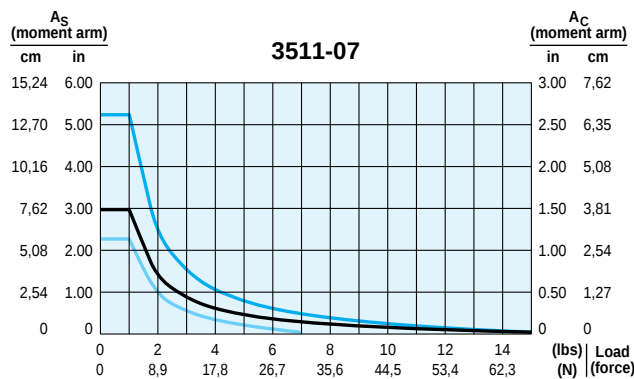
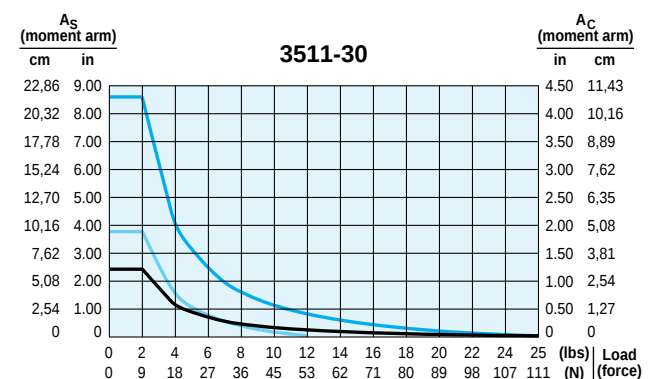
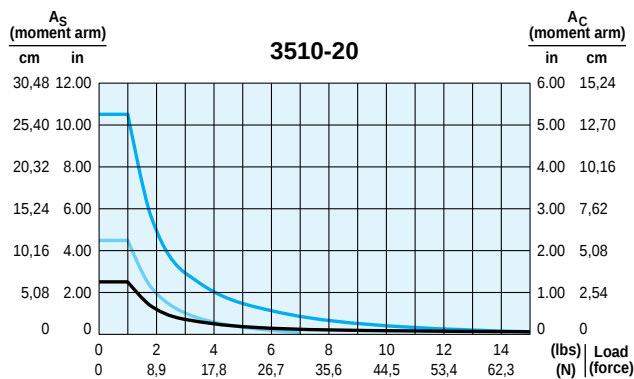
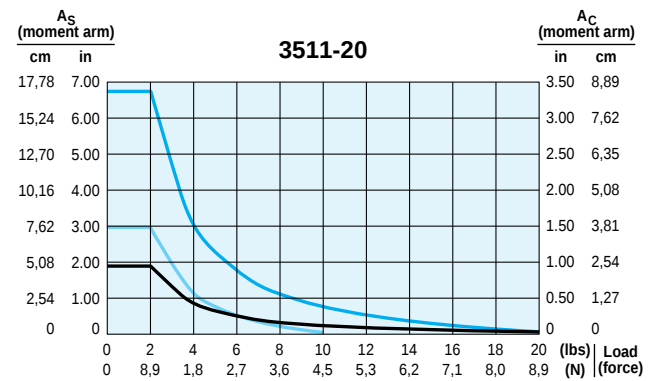
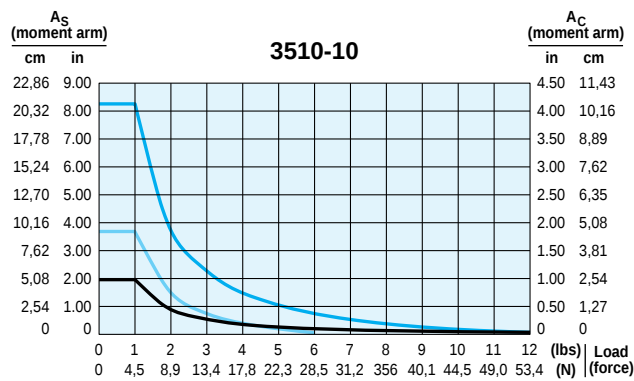
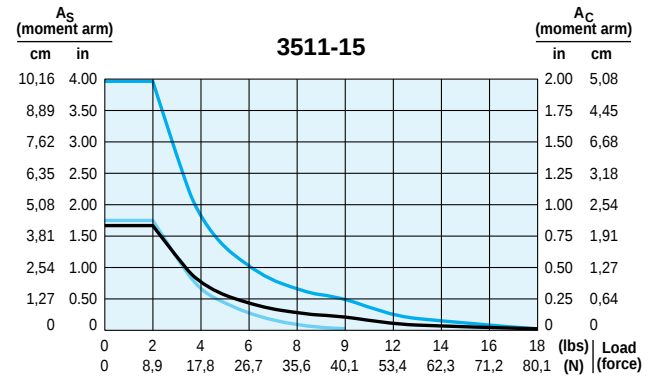
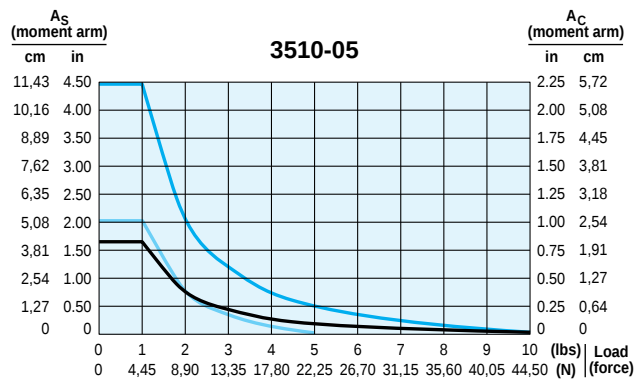
Ball Bearing Slides

Yaw, Pitch & Roll

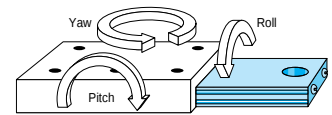
Yaw

Pitch

Roll

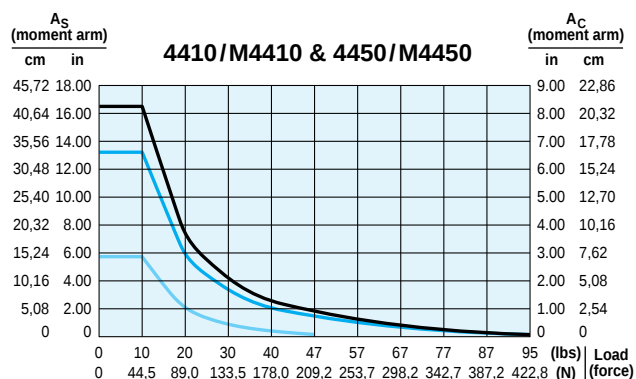
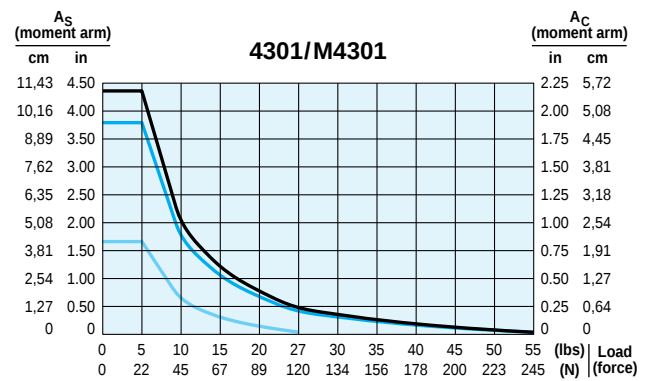
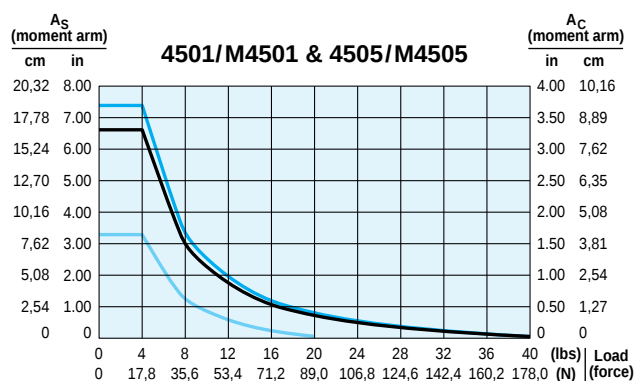
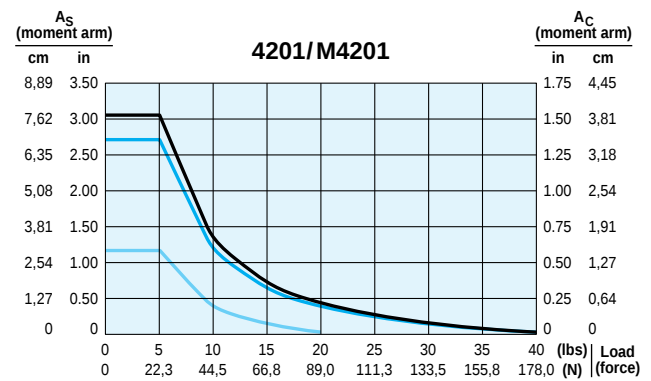
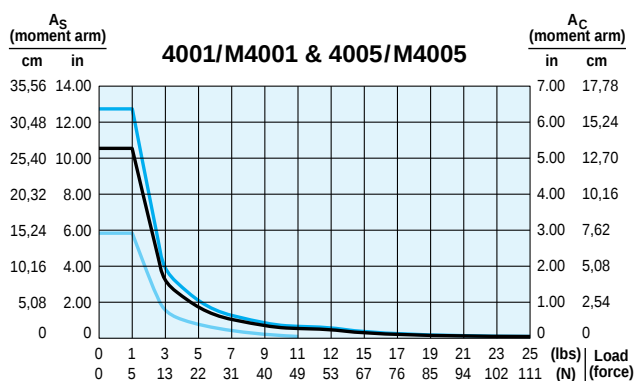
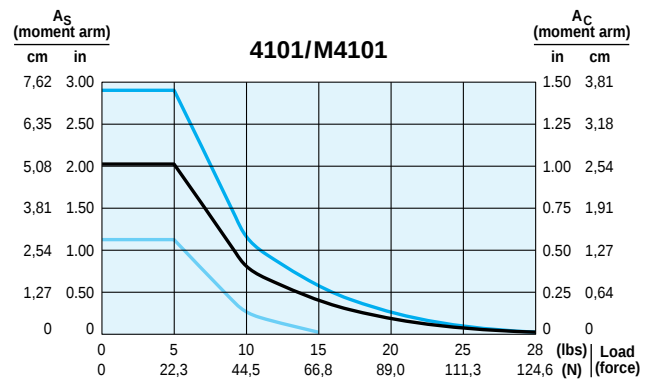
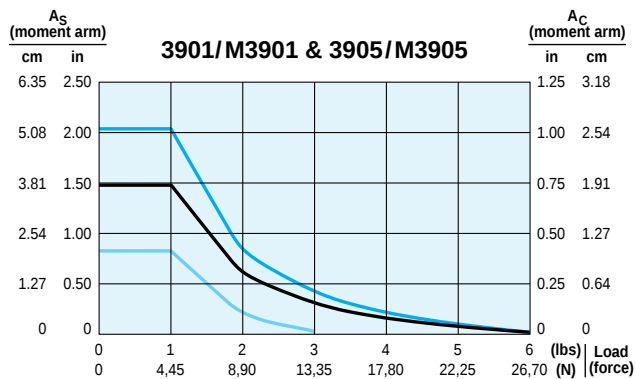


Ball Bearing Slides



Yaw, Pitch & Roll

Yaw Pitch Roll



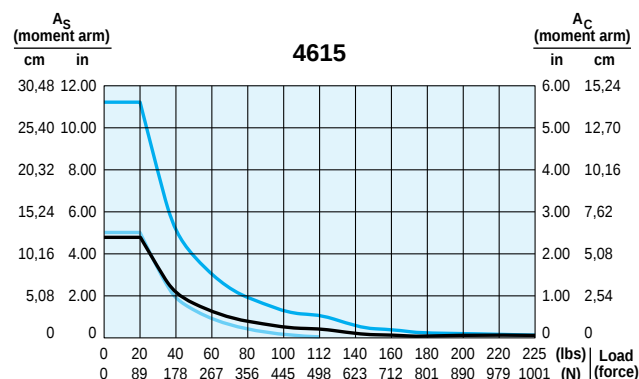
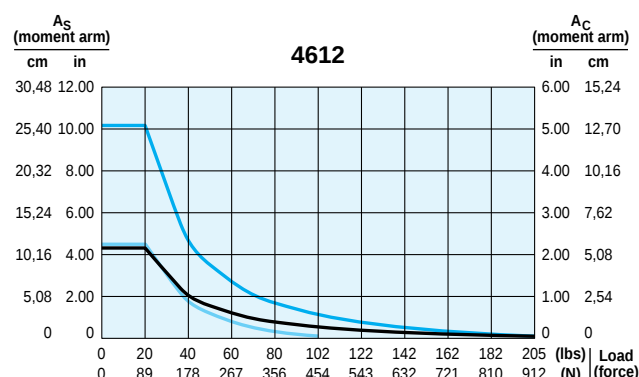
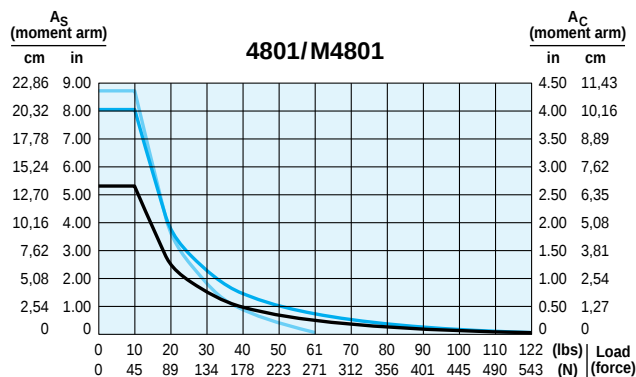
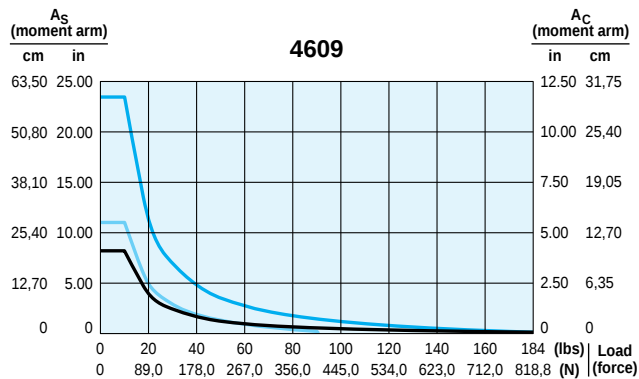
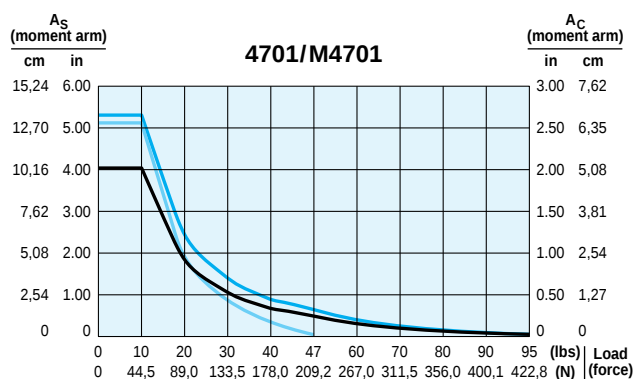
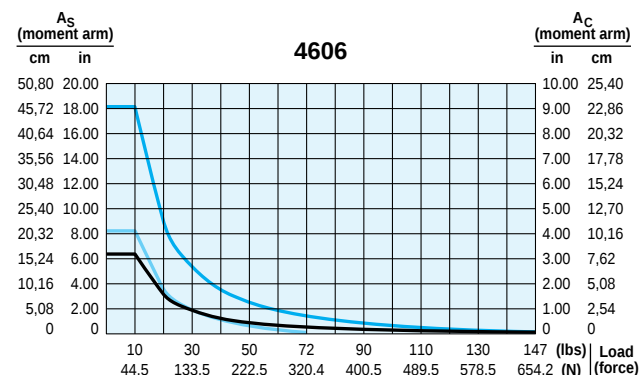
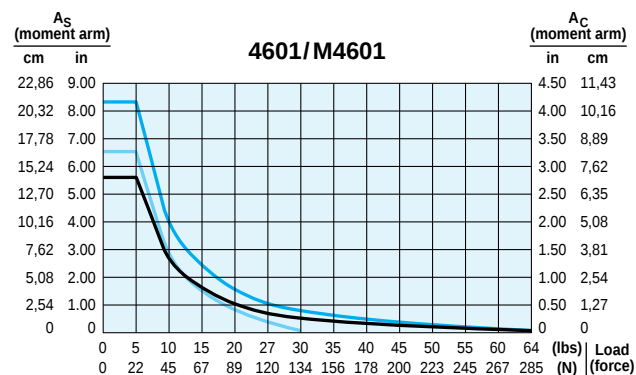
Ball Bearing Slides

Yaw, Pitch & Roll

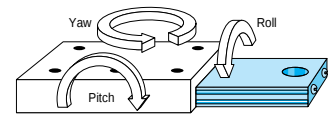
Yaw

Pitch

Roll

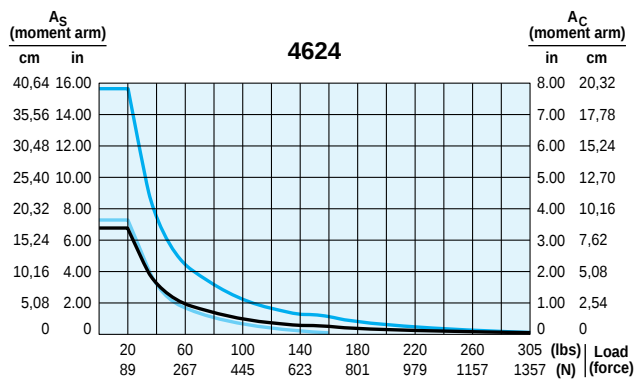
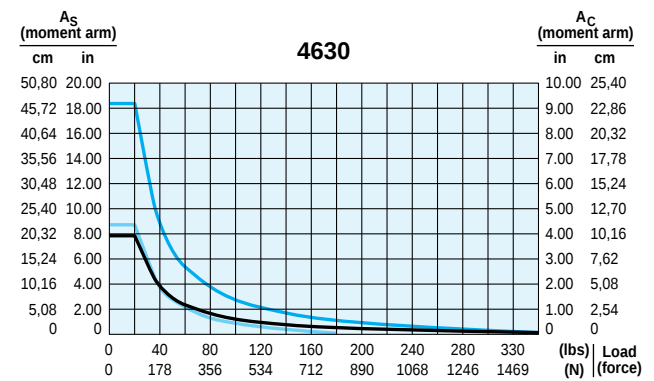
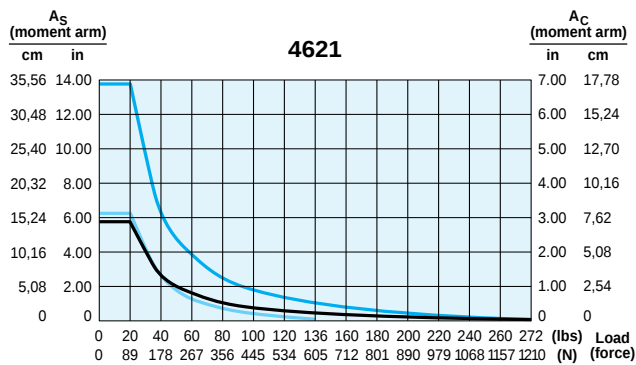
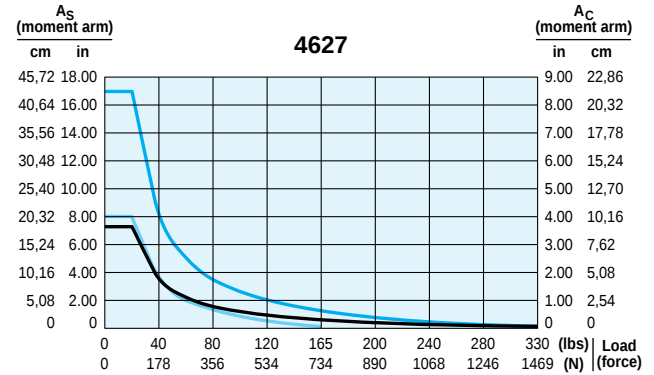
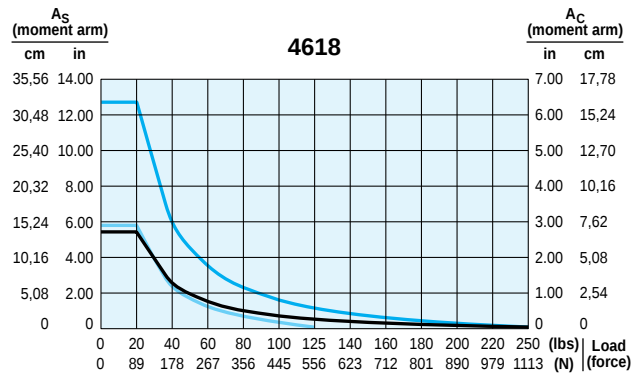


Ball Bearing Slides



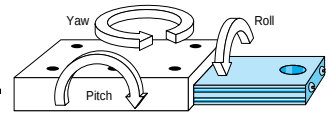
Yaw, Pitch & Roll

Yaw Pitch Roll



Ball Slides

Ball Bearing Slides



Yaw, Pitch & Roll

Yaw

Pitch

Roll

