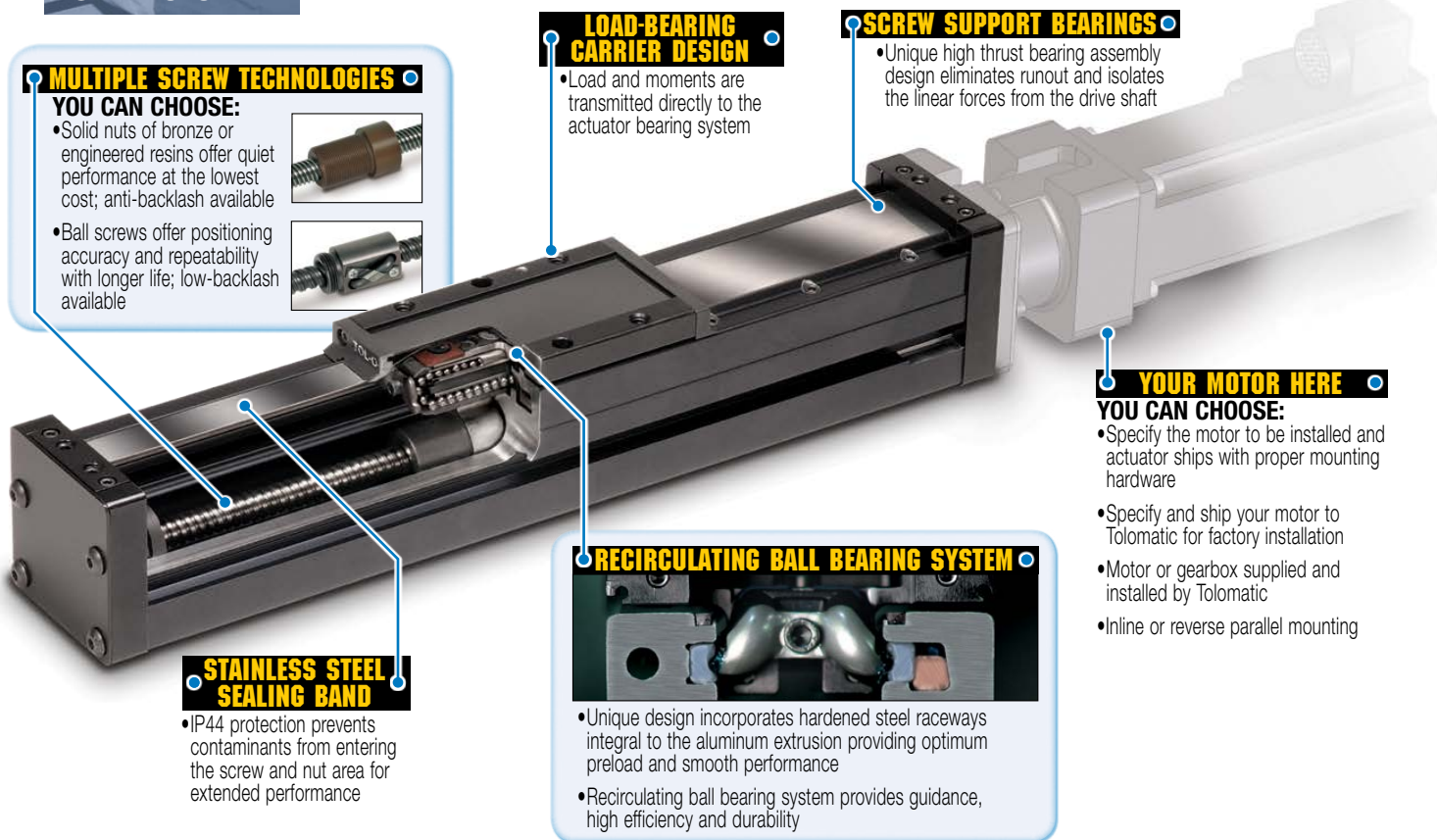


RODLESS SCREW-DRIVE ELECTRIC ACTUATOR

B3S



With large bending moment capacity, the B3S utilizes an integral recirculating ball bearing guidance system that provides durable performance and extremely long life.



Available Options:

Carrier Options

Auxiliary Carrier; Dual 180° Carrier

Mounting Options

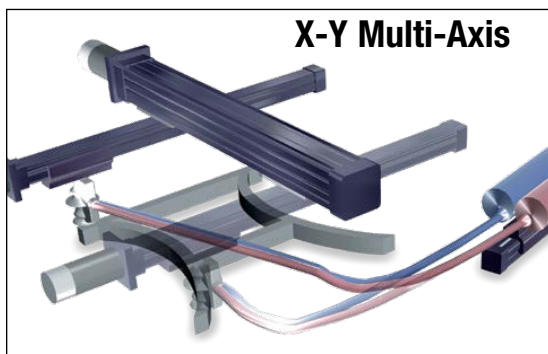
Surface Mount; Tube Supports; Mounting Plates

Metric Option

Provides metric tapped holes

Sensors

With integrated mounting bracket



Applications:

- Adhesive dispensing
- Aligning
- Animation
- Assembly
- Automotive
- Camera positioning
- Conveyors
- Cutting
- Diverters
- Inspection
- Laser marking
- Material cutting
- Milling
- Packaging equipment
- Parts transfer
- Pick & place
- Positioning
- Product handling
- Slitting
- Sorting
- Spraying
- Stacking
- Table positioning
- Test stations
- Wire winding

RODLESS SCREW-DRIVE ELECTRIC ACTUATOR

SPECIFICATIONS

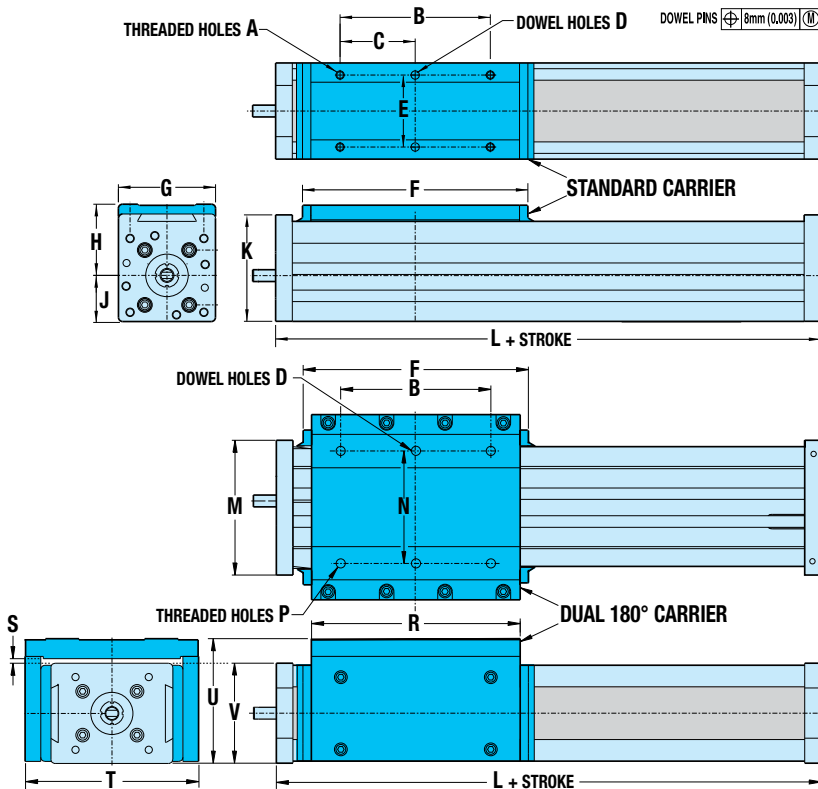
CARRIER	SIZE	MAXIMUM BENDING MOMENTS						MAX. LOAD				MAX. THRUST			
		M _x		M _y		M _z		F _y		F _z		Solid Nut		Ball Screw	
		N-m	in-lbs	N-m	in-lbs	N-m	in-lbs	N	lb	N	lb	N	lbf	N	lbf
Standard	10	28.2	250	30.4	269	17.6	156	1517	341	2629	591	800	170	800	130
	15	97	859	117	1033	67	596	3737	840	6468	1454	1400	300	7300	800
	20	188	1662	166	1472	96	850	5155	1159	8932	2008	1400	300	11700	2700
Dual 180°	10	74	657	35.3	312	61	538	5258	1182	3034	682	800	170	800	130
	15	279	2468	135	1192	233	2066	12935	2908	7473	1680	1400	300	7300	800
	20	512	4527	192	1700	333	2944	17864	4016	10311	2318	1400	300	11700	2700

NOTE: Auxiliary Carrier option increases maximum bending moments and load, see B3 brochure 3600-4176 for complete details.

B3S



Dimensions



	10	15	20
A	M6-1.0 9.4 DP	M6-1.0 10.2 DP	M8-1.25 14.2 DP
B	57.15	114.3	120.65
C	28.58	57.15	60.33
D	6.045/ 6.020 6.4 DP	6.045/ 6.020 6.4 DP	6.045/ 6.020 6.4 DP
E	45.24	54.76	79.30
F	103.6	171.5	184.1
G	57.2	73.0	107.9
H	39.1	53.4	67.5
J	20.6	34.7	45.2
K	56.4	80.8	106.6
L	142.8	213.8	267.2
L*	193.6	—	—
M	72.9	102.6	133.4
N	61.90	85.73	130.18
P	M6-1.0 THRU	M8-1.25 THRU	M10-1.5 THRU
R	93.2	158.5	171.5
S	3.6	3.6	3.2
T	109.5	152.4	188.2
U	71.8	94.9	122.7
V	57.2	76.2	108.0

Dimensions in millimeters
For reference only. Use CAD files for
any critical dimensions
* = L Maximum



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