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Find the *Parker / Daedal 506041S-LH* at our website: **Click *HERE***

Rail Tables-4.0" to 60.0" Travel

Ordering Information

500000 Series tables are specified by a part number which includes dimensional information and suffixes for options.

The example below (506241ET-LH-N34-MP) calls for an 500000ET Series rail table which is 6.0" wide with a nominal travel of 24.0." It is a one-axis (X) table, equipped with optional limit/home switch, size 34 motor block and coupling, and top mounting plate.

Order Example: 5 06 24 1ET -LH-N34-MP

Series Type

Table Width

06 = 6"

Travel¹
(nominal-less bellows)

04 = 4" max 30 = 30" max

06 = 6" max 36 = 36" max

12 = 12" max 48 = 48" max

18 = 18" max 60 = 60" max

24 = 24" max

Table Style

1S = Standard base model

1EM = Enclosed motor and table

1ET = Enclosed table

Options

05E = 0.5" lead ball screw

B = Bellows² (for S models only)

LH = Limit/Home switch -magnetic reed type

ELE = Linear encoder 0.0001" resolution

ELM = Linear encoder 1 micron resolution

N34 = 34 frame size motor block and coupling

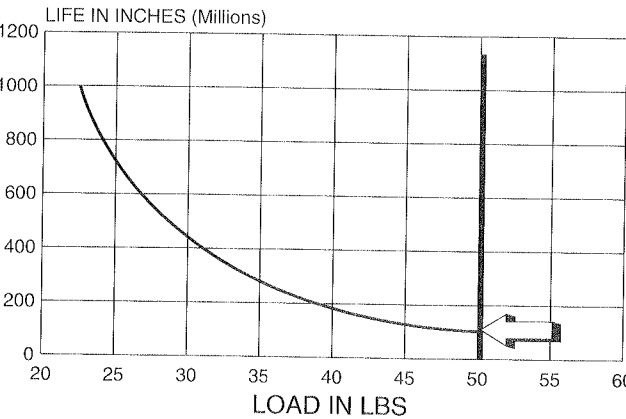
MP = Top mounting plate (for EM and ET only), see complete description on page C41

¹ Maximum travel for EM Series tables is 36".

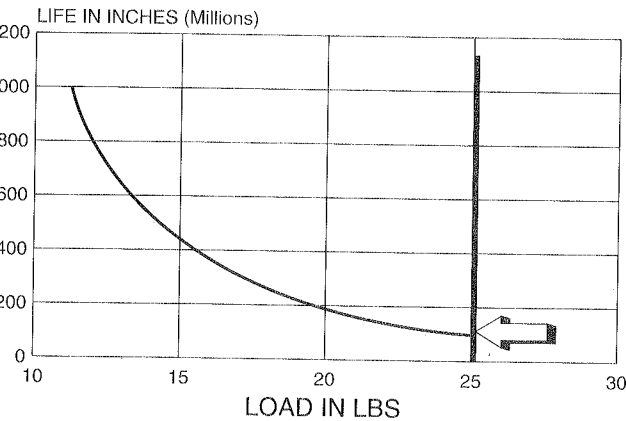
² 506041S-05E is not available with bellows.

Life/Load Performance

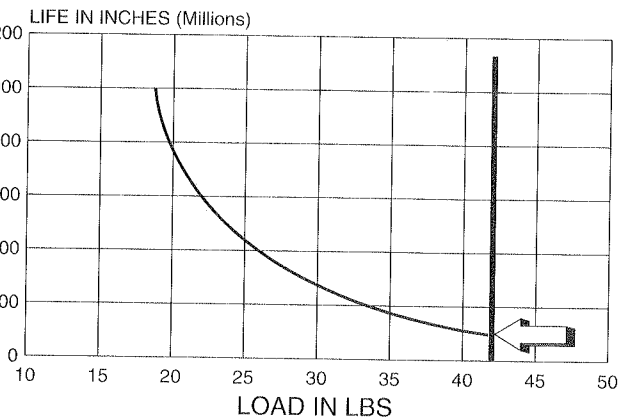
Life with Compression Load³



Life with Tension Load³



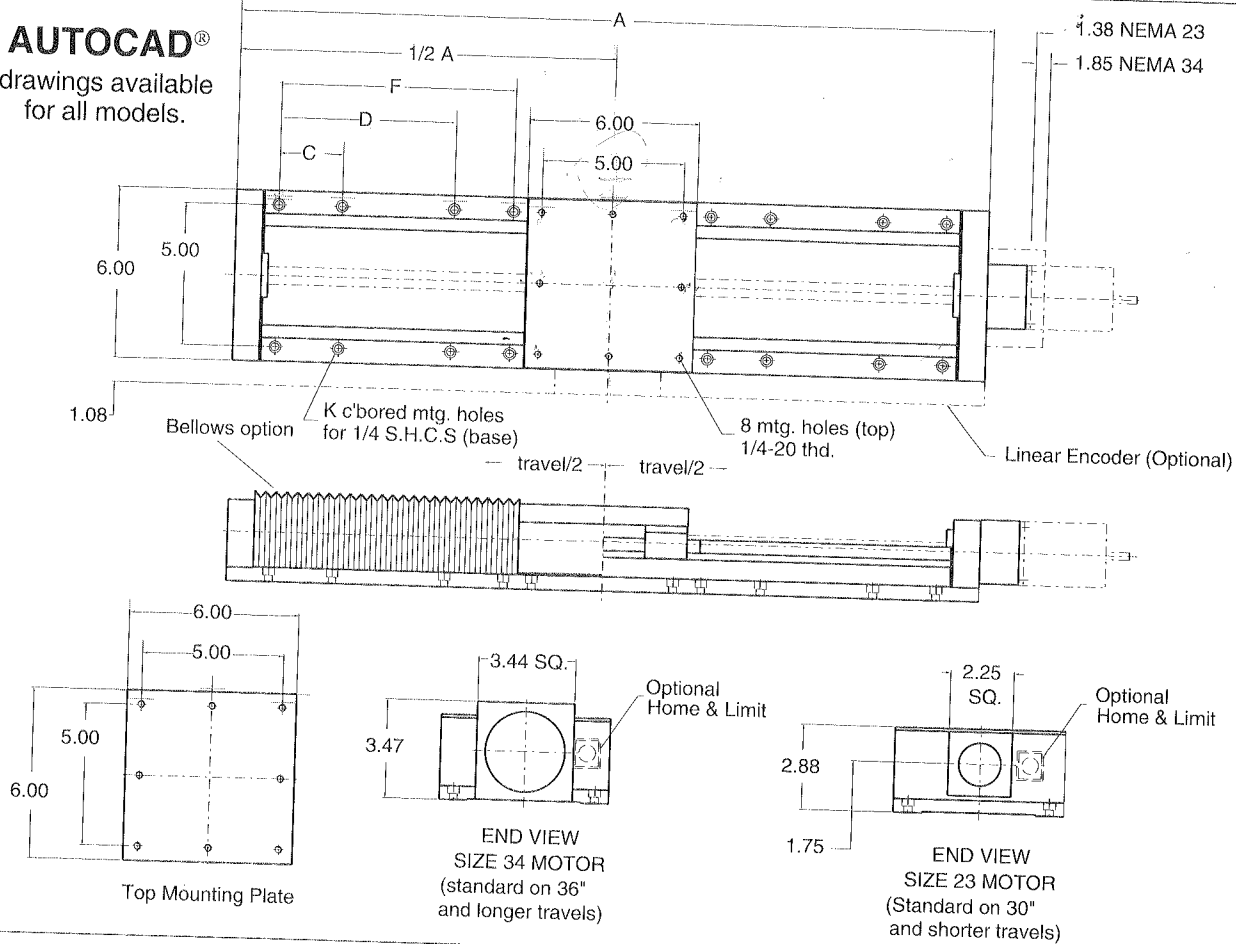
Life with Side Load³



³ Load per bearing block

Rail Tables-4.0" to 60.0" Travel

AUTOCAD®
drawings available
for all models.



Model	Travel (in)	Travel with Bellows	Speed in/sec*	Length (in)				Holes K	Reflected Inertia oz.in.sec ²	Weight (lbs)
				A	C	D	F			
506041S	4.00	2.1	50	12.00	—	—	—	8	0.0024	13.2
506061S	6.00	4.0	50	14.00	—	—	—	8	0.0027	14.2
506081S	8.00	5.2	50	16.00	—	—	—	8	0.0031	15.3
506101S	10.00	7.2	50	18.00	—	—	—	8	0.0034	16.5
506121S	12.00	8.3	50	20.00	5.00	—	—	12	0.0038	17.8
506141S	14.00	9.8	50	22.00	5.00	—	—	12	0.0041	19.0
506161S	16.00	12.0	50	24.00	5.00	—	—	12	0.0045	20.3
506181S	18.00	13.0	50	26.00	5.00	—	—	12	0.0049	21.5
506201S	20.00	14.5	45	28.00	5.00	—	—	12	0.0052	22.7
506221S	22.00	16.1	39	30.00	5.00	—	—	12	0.0056	23.9
506241S	24.00	18.0	34	32.00	5.00	10.00	—	16	0.0060	25.0
506301S	30.00	22.3	23	38.00	5.00	10.00	—	16	0.0071	28.5
506361S	36.00	27.0	16	44.00	5.00	10.00	—	16	0.0082	32.1
506421S	42.00	31.6	18	50.00	5.00	15.00	—	16	0.0188	37.6
506481S	48.00	36.3	14	56.00	5.00	15.00	—	16	0.0211	41.6
506541S	54.00	41.0	12	62.00	5.00	15.00	25.00	20	0.0233	45.6
506601S	60.00	45.6	10	68.00	5.00	15.00	25.00	20	0.0256	49.7

* At maximum axial force of 200 lbs at 100 x 10⁶ life

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