

<b>USER INPUT</b>
<b>COMPUTED OUTPUT</b>

Model No	Unit	<b>1605</b>	<b>2005</b>	<b>2505</b>	<b>2510</b>
Ball screw diameter	mm	16	20	25	25
Pitch		5	5	10	10
Minor Thread Diameter	mm	16	20	21.3	25
Balls diameter	mm	3.175	3.175	3.175	6.35
Number of circuits		4	4	4	4
Type of mounting		loose - loose	loose - fixed	fixed - fixed	loose - fixed
Speed Coefficient		12.1	18.9	27.4	18.9
Length between supports	mm	1000	2000	1000	1500

<b>Max. Allowable Speed</b>	<b>rpm</b>	<b>1936</b>	<b>945</b>	<b>5836.2</b>	<b>2100</b>
<b>Static Load Rating</b>	<b>N</b>	<b>17600</b>	<b>22000</b>	<b>27600</b>	<b>55200</b>
<b>Dynamic Load Rating</b>	<b>N</b>	<b>8200</b>	<b>10200</b>	<b>12800</b>	<b>25600</b>

Average Rotational Speed	rpm	500	400	400	400
Average Load	N	1000	2000	2000	5000
Usetime per Day	H	8	8	8	8

<b>Ball Screw Lifetime</b>	<b>Days</b>	<b>2297</b>	<b>690</b>	<b>1365</b>	<b>699</b>
	<b>Years</b>	<b>6</b>	<b>1</b>	<b>3</b>	<b>1</b>
	<b>Months</b>	<b>3</b>	<b>10</b>	<b>9</b>	<b>11</b>

Model No	Unit	<b>4010</b>	<b>5010</b>	<b>7010</b>	<b>8010</b>
Ball screw diameter	mm	38	48	70	80
Pitch		10	10	10	10
Minor Thread Diameter	mm	33.15	43.15	70	80
Balls diameter	mm	6.35	6.35	6.35	6.35
Number of circuits		5	4	4	4
Type of mounting		free - fixed	fixed - fixed	fixed - fixed	loose - fixed
Speed Coefficient		4.3	27.4	27.4	18.9
Length between supports	mm	1000	1000	2000	2000

<b>Max. Allowable Speed</b>	<b>rpm</b>	<b>1425.45</b>	<b>11823.1</b>	<b>4795</b>	<b>3780</b>
<b>Static Load Rating</b>	<b>N</b>	<b>104900</b>	<b>106000</b>	<b>154600</b>	<b>176700</b>
<b>Dynamic Load Rating</b>	<b>N</b>	<b>48700</b>	<b>49200</b>	<b>71800</b>	<b>82000</b>

Average Rotational Speed (rpm)	rpm	2000	1000	2000	400
Average Load (N)	N	4000	7000	9000	20000
Usetime per Day (hr)	H	8	8	8	8

Ball Screw Lifetime (days)	Days	1879	723	528	358
year	Years	5	1	1	0
months	Months	1	11	5	11

loose - loose  
fixed - fixed  
loose - fixed  
free - fixed

3005	3010	3205	3210	4005
30	30	32	32	40
5	10	5	10	5
30	30	32	32	40
3.175	6.35	3.175	6.35	3.175
4	4	4	4	4
loose - fixed	loose - fixed	loose - fixed	loose - fixed	loose - fixed
18.9	18.9	18.9	18.9	18.9
2000	2000	2000	2000	2000

1417.5	1417.5	1512	1512	1890
33100	66200	35300	70600	44100
15300	30700	16400	32800	20500

400	400	400	1000	400
2000	6000	2000	3000	4000
8	8	8	8	8

2331	697	2871	2722	701
6	1	7	7	1
4	11	10	5	11

601
6
1
6
0.8
3
loose - loose
12.1
200

18150
1200
500

400
20000
8

0
0
0