

**Includes Additional Gearbox and
Motor Mounts / Motors / Brakemotors**

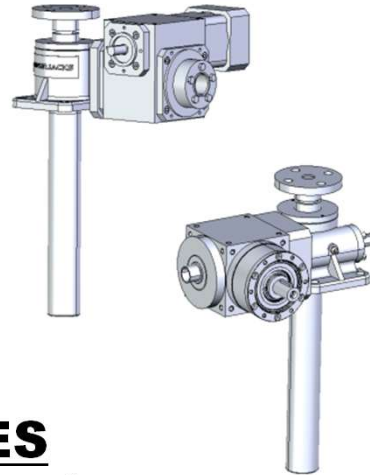
STANDARD SERIES

**Worm Gear or Spiral Bevel Gear
Machine Screw
Ball Screws**

CONNECT SERIES

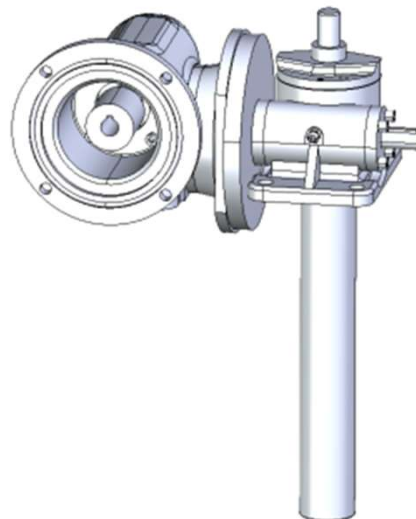
(Double Extended Inputs)

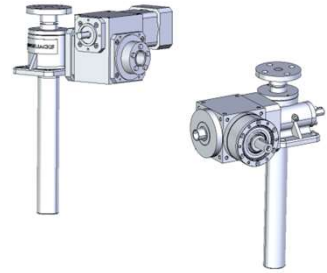
**High Performance (Servo Rated)
Worm Gear or Spiral Bevel Gear
Machine Screw
Ball Screws**



STAINLESS SERIES

**Stainless Steel (1750rpm input)
Corrosion Duty Worm or Bevel
Machine Screw**





HOW TO ORDER SIDECAR SCREW JACKS

Three Step Ordering Process

STEP “1”

Select Master SIDECAR Order Code



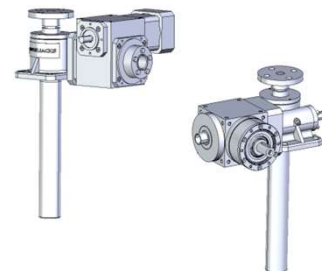
sidecar

order code : **SIDECAR025KN-1000-XXXXXX**

Size
025KN – 25 KN / 2.8 Ton
050KN – 50 KN / 5.5 Ton
100KN – 100 KN / 1.1 Ton
200KN – 200KN / 22.5 Ton



Engineering Number to be
assigned at time of formal
quotation for RFQ
use date code
I.E. 20250115



HOW TO ORDER SIDECAR SCREW JACKS

Three Step Ordering Process

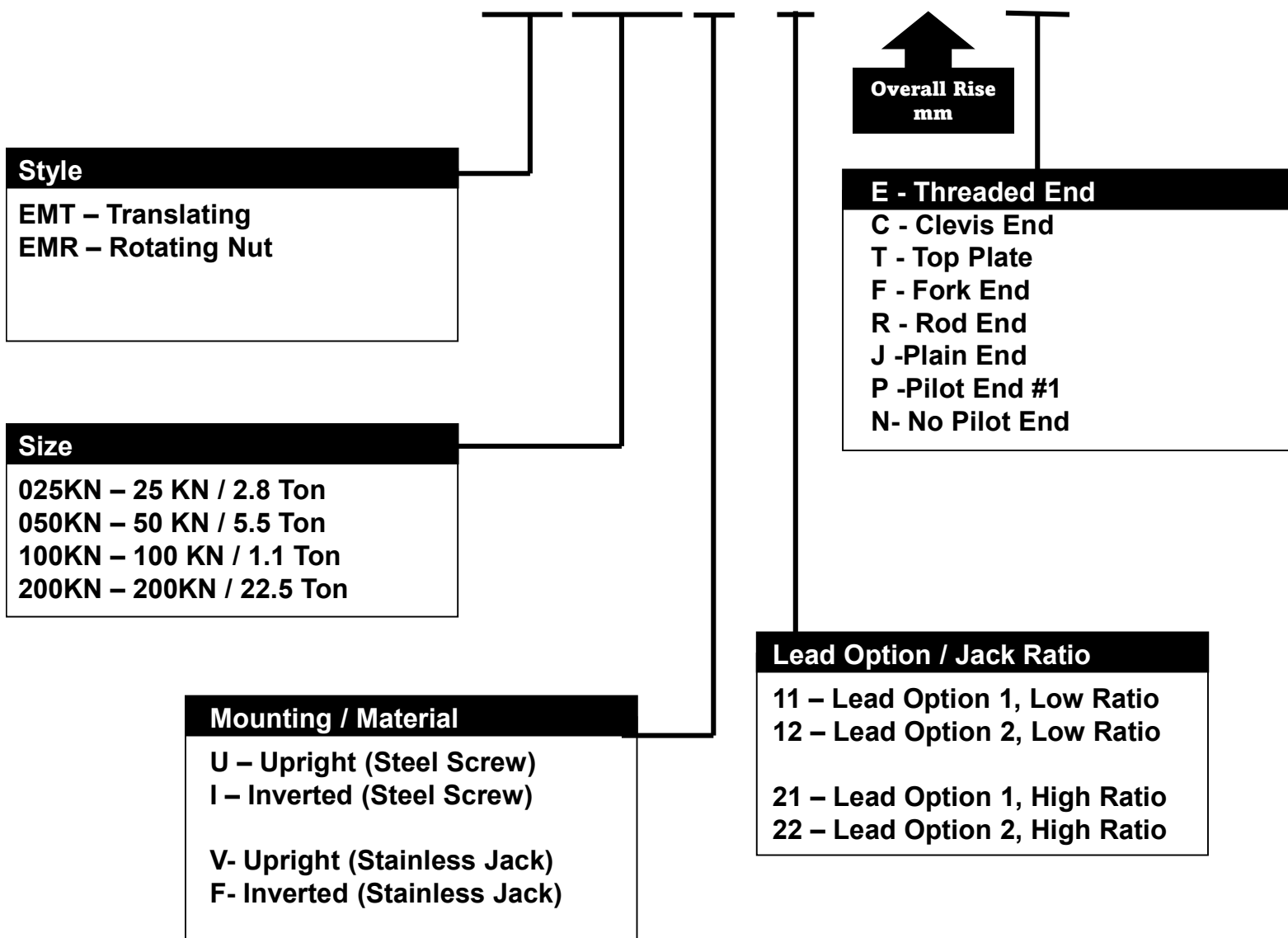
STEP "2"

Select SCREW JACK

2

Screw Jacks

order code : EMT0025-U001100-0305-EB00-0000 X



**MANY OTHER OPTIONS AVAILABLE UPON REQUEST such as:
Anti-Backlash, Keyed Anti-Rotate, Base Mounting, Single/Double Worm Shafts, etc**

HOW TO ORDER

Three Step Ordering Process

STEP "3"

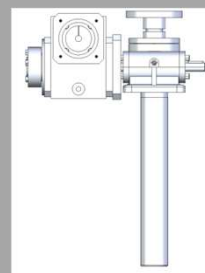
Select **SIDEDRIVE** Code
for Additional Drive

3

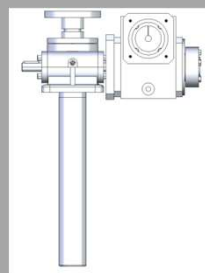
SIDEDRIVE

order code :

SD05IGHD0005GX0010BR-XXXX



"GX"
left



"XG"
right

STANDARD Gearbox Size / Type

028CaR – 2.8 Ton Worm
040CaR – 5.5 Ton Worm
060CaR – 11 Ton Worm
070CaR – 22.5 Ton Worm

CONNECT Gearbox Size / Type

020FeD – 2.8 Ton Worm
025FeD – 5.5 Ton Worm
030FeD – 11 Ton Worm
035FeD – 22.5 Ton Worm

110SpB – 2.8 Ton Spiral Bevel
140SpB – 5.5 Ton Spiral Bevel
170SpB – 11 Ton Spiral Bevel
170SpB – 22.5 Ton Spiral Bevel

STAINLESS Gearbox Size / Type

044K69 – 1.1 Ton Worm
044K69 – 2.8 Ton Worm
060K69 – 5.5 Ton Worm
076K69 – 11 Ton Worm

110SsB – 2.8 Ton Spiral Bevel
140SsB – 5.5 Ton Spiral Bevel
170SsB – 11 Ton Spiral Bevel
170SsB – 22.5 Ton Spiral Bevel

STANDARD Gear Ratio

Worm Gear Options

0005 0010
0007 0015

Spiral Bevel Options

0001	0003	0007
01.5	0004	0010
0002	0005	0015

CONNECT Series Gear Ratios

Worm Gear – Double Input

0005 0008 0015
0006 0009
0007 0010

Spiral Bevel – Double Input

0001	0003	0007
01.5	0004	0010
0002	0005	0015

STAINLESS Series Gear Ratio

Worm Gear Options

0005 – 5:1
07.5 – 7.5:1
0010 – 10:1

Spiral Bevel Options

0001	0003	0007
01.5	0004	0010
0002	0005	0015

DIP – Double Input
With Motor
E – Encoder
ZZZZ – See
Specification

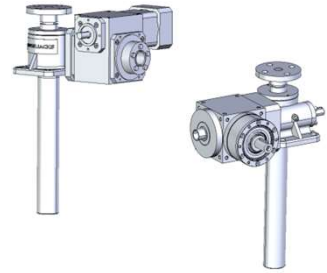
Input / Motor

SIP – Single Input
DIP – Double Input
56C – Nema Mount
143C – Nema Mount
145C – Nema Mount

Servo Mounts Motor PN

0016-56C - 0.16 hp
0025-56C - 0.25 hp
0033-56C - 0.33 hp
0050-56C - 0.50
0075-56C - 0.75 hp
A100-56C - 1.00 hp
B100-143TC - 1.00
0150-145TC - 1.50 hp
0200-145TC - 2.00 hp
0300-182TC - 3.00 hp

Add "BR" for Brake



HOW TO ORDER SIDECAR SCREW JACKS

Final Specification Example

Screw Jack SIDECAR order code:

SIDECAR025KN-0305-XXXXXX [interim 20250115]

With Description:

Kit including

QTY 1 Jack PN:

EMT0025-U001100-0305-EB00-0000

and

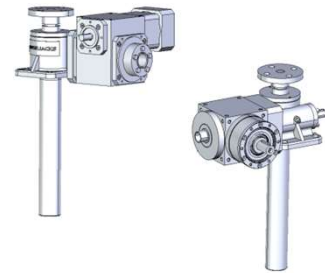
QTY 1 Sidedrive PN:

SC028CaR0005GX0010BR-XXXX

**2.5Kn (2.8T) SideCAR, 305mm (12 inch) rise
with Screw Jack EMT0025-U001100-0305-EB00-0000
And 5:1 Ratio Standard Worm Gear
SideDrive with 1 HP AC Brakemotor left mount (GX)
No other additional features**

SELECTION CHARTS SIDECAR STANDARD SERIES

High Performance Machine Screw



Worm Gear [CaR] LEAD 1

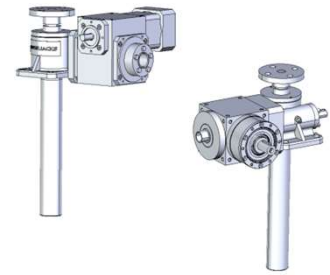
Option 1 LEAD DATA		Side Drive 5:1 Ratio	Side Drive 7:1 Ratio	Side Drive 10:1 Ratio	Side Drive 15:1 Ratio
Travel Speed	Efficiency	14.17 in/min	10.12 in/min	7.08 in/min	4.72 in/min
028CaR – 2.8 Ton Worm	0.264 (6:1)	30:1 Net	42:1 Net	60:1 Net	90:1 Net
1/3HP Lifting Capacity	(lbs)	1165 lbs	1630 lbs	2235 lbs	3218 lbs
1/2 HP Lifting Capacity	(lbs)	1765 lbs	2470 lbs	3386 lbs	4877 lbs
3/4 HP Lifting Capacity	(lbs)	2648 lbs	3705 lbs	NA	NA
1 HP Lifting Capacity	(lbs)	3530 lbs	4939 lbs	NA	NA
Travel Speed	Efficiency	21.25 in/min	15.18 in/min	10.62 in/min	7.08 in/min
040CaR – 5.5 Ton Worm	0.281 (6:1)	30:1 Net	42:1 Net	60:1 Net	90:1 Net
1 HP Lifting Capacity	(lbs)	2211 lbs	3094 lbs	4243 lbs	6109 lbs
1.5 HP Lifting Capacity	(lbs)	3316 lbs	4640 lbs	6364 lbs	9164 lbs
2 HP Lifting Capacity	(lbs)	4422 lbs	6187 lbs	8485 lbs	NA
Travel Speed	Efficiency	21.26 in/min	15.18 in/min	10.62	7.08
060CaR – 11 Ton Worm	0.272 (8:1)	40:1 Net	56:1 Net	80:1 Net	120:1 Net
1 HP Lifting Capacity	(lbs)	1431 lbs	2002 lbs	2745 lbs	3953 lbs
1.5 HP Lifting Capacity	(lbs)	2146 lbs	3003 lbs	4118 lbs	5930 lbs
2 HP Lifting Capacity	(lbs)	2861 lbs	4003 lbs	5490 lbs	7906 lbs
3 HP Lifting Capacity	(lbs)	4291 lbs	6005 lbs	8235 lbs	11859 lbs
5 HP Lifting Capacity	(lbs)	7153 lbs	10008 lbs	13726 lbs	NA
Travel Speed	Efficiency	21.26 in/min	15.18 in/min	10.62	7.08
070CaR – 22.5 Ton Worm	.242 (8:1)	40:1 Net	56:1 Net	80:1 Net	120:1 Net
3 HP Lifting Capacity	(lbs)	4824 lbs	6749 lbs	9257 lbs	13330 lbs
5 HP Lifting Capacity	(lbs)	8040 lbs	11249 lbs	15428 lbs	22216 lbs
7.5 HP Lifting Capacity	(lbs)	12060 lbs	16874 lbs	23142 lbs	33324 lbs

Worm Gear [CaR] LEAD 2

Option 2 LEAD DATA		Side Drive 5:1 Ratio	Side Drive 7:1 Ratio	Side Drive 10:1 Ratio	Side Drive 15:1 Ratio
Travel Speed	Efficiency	28.34 in/min	20.24 in/min	14.16 in/min	9.44 in/min
028CaR – 2.8 Ton Worm	0.383 (6:1)	30:1 Net	42:1 Net	60:1 Net	90:1 Net
1/3HP Lifting Capacity	(lbs)	1690 lbs	2365 lbs	3243 lbs	4670 lbs
1/2 HP Lifting Capacity	(lbs)	2560 lbs	3583 lbs	4913 lbs	7075 lbs
3/4 HP Lifting Capacity	(lbs)	3841 lbs	5375 lbs	NA	NA
1 HP Lifting Capacity					
Travel Speed	Efficiency	28.34 in/min	20.24 in/min	14.16 in/min	9.44 in/min
040CaR – 5.5 Ton Worm	0.398 (6:1)	30:1 Net	42:1 Net	60:1 Net	90:1 Net
1 HP Lifting Capacity	(lbs)	3132 lbs	4382 lbs	6009 lbs	8653 lbs
1.5 HP Lifting Capacity	(lbs)	4697 lbs	6572 lbs	9014 lbs	NA
2 HP Lifting Capacity	(lbs)	6263 lbs	8763 lbs	NA	NA
Travel Speed	Efficiency	42.51 in/min	30.36 in/min	21.24 in/min	14.16 in/min
060CaR – 11 Ton Worm	0.388 (8:1)	40:1 Net	56:1 Net	80:1 Net	120:1 Net
1 HP Lifting Capacity	(lbs)	2041 lbs	2855 lbs	3916 lbs	5632 lbs
1.5 HP Lifting Capacity	(lbs)	3061 lbs	4285 lbs	5874 lbs	8459 lbs
2 HP Lifting Capacity	(lbs)	4081 lbs	5711 lbs	7832 lbs	11278 lbs
3 HP Lifting Capacity	(lbs)	6122 lbs	8566 lbs	11748 lbs	16917 lbs
5 HP Lifting Capacity	(lbs)	10204 lbs	14277 lbs	NA	NA
Travel Speed	Efficiency	42.51 in/min	30.36 in/min	21.24 in/min	14.16 in/min
070CaR – 22.5 Ton Worm	.357 (8:1)	40:1 Net	56:1 Net	80:1 Net	120:1 Net
3 HP Lifting Capacity	(lbs)	7116 lbs	9957 lbs	13655 lbs	19664 lbs
5 HP Lifting Capacity	(lbs)	11860 lbs	16595 lbs	22759 lbs	32773 lbs
7.5 HP Lifting Capacity	(lbs)	17791 lbs	24893 lbs	34139 lbs	NA

SELECTION CHARTS SIDECAR CONNECT SERIES

High Performance Machine Screw



Worm Gear [FeD] LEAD 1

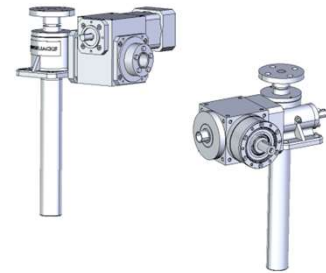
Option 1 LEAD DATA		Side Drive 5:1 Ratio	Side Drive 6:1 Ratio	Side Drive 7:1 Ratio	Side Drive 8:1 Ratio	Side Drive 9:1 Ratio	Side Drive 10:1 Ratio	Side Drive 15:1 Ratio
Travel Speed	Efficiency	14.17 in/min	11.81 in/min	10.12 in/min	8.85 in/min	7.87 in/min	7.08 in/min	4.72 in/min
020FeD – 2.8 Ton Worm	0.264 (6:1)	30:1 Net	36:1 Net	42:1 Net	48:1 Net	54:1 Net	60:1 Net	90:1 Net
1/3HP Lifting Capacity	(lbs)	1165 lbs	1398 lbs	1630 lbs	1863 lbs	2095 lbs	2235 lbs	3218 lbs
1/2 HP Lifting Capacity	(lbs)	1765 lbs	2118 lbs	2470 lbs	2823 lbs	3175 lbs	3386 lbs	4877 lbs
3/4 HP Lifting Capacity	(lbs)	2648 lbs	3178 lbs	3705 lbs	4234 lbs	4764 lbs	NA	NA
1 HP Lifting Capacity	(lbs)	3530 lbs	4236 lbs	4939 lbs	NA	NA	NA	NA
Travel Speed		21.25 in/min	17.72 in/min	15.18 in/min	13.28 in/min	11.81 in/min	10.62 in/min	7.08 in/min
025FeD – 5.5 Ton Worm	0.281 (6:1)	30:1 Net	36:1 Net	42:1 Net	48:1 Net	54:1 Net	60:1 Net	90:1 Net
1 HP Lifting Capacity	(lbs)	2211 lbs	2653 lbs	3094 lbs	3536 lbs	3978 lbs	4243 lbs	6109 lbs
1.5 HP Lifting Capacity	(lbs)	3316 lbs	3980 lbs	4640 lbs	5303 lbs	5966 lbs	6364 lbs	9164 lbs
2 HP Lifting Capacity	(lbs)	4422 lbs	5306 lbs	6187 lbs	7071 lbs	7955 lbs	8485 lbs	NA
Travel Speed		21.26 in/min	17.72 in/min	15.18 in/min	13.28	11.81	10.62	7.08
030FeD – 11 Ton Worm	0.272 (8:1)	40:1 Net	48:1 Net	56:1 Net	64:1 Net	72:1 Net	80:1 Net	120:1 Net
1 HP Lifting Capacity	(lbs)	1431 lbs	1717 lbs	2002 lbs	2288 lbs	2574 lbs	2745 lbs	3953 lbs
1.5 HP Lifting Capacity	(lbs)	2146 lbs	2575 lbs	3003 lbs	3432 lbs	3860 lbs	4118 lbs	5930 lbs
2 HP Lifting Capacity	(lbs)	2861 lbs	3434 lbs	4003 lbs	4575 lbs	5147 lbs	5490 lbs	7906 lbs
3 HP Lifting Capacity	(lbs)	4291 lbs	5150 lbs	6005 lbs	6863 lbs	7720 lbs	8235 lbs	11859 lbs
5 HP Lifting Capacity	(lbs)	7153 lbs	8583 lbs	10008 lbs	11438 lbs	12868 lbs	13726 lbs	NA
Travel Speed		21.26 in/min	17.72 in/min	15.18 in/min	13.28	11.81	10.62	7.08
035FeD – 22.5 Ton Worm	.242 (8:1)	40:1 Net	48:1 Net	56:1 Net	64:1 Net	72:1 Net	80:1 Net	120:1 Net
3 HP Lifting Capacity	(lbs)	4824 lbs	5789 lbs	6749 lbs	7714 lbs	8678 lbs	9257 lbs	13330 lbs
5 HP Lifting Capacity	(lbs)	8040 lbs	9648 lbs	11249 lbs	12856 lbs	14463 lbs	15428 lbs	22216 lbs
7.5 HP Lifting Capacity	(lbs)	12060 lbs	14472 lbs	16874 lbs	19285 lbs	21695 lbs	23142 lbs	33324 lbs

Worm Gear [FeD] LEAD 2

Option 2 LEAD DATA		Side Drive 5:1 Ratio	Side Drive 6:1 Ratio	Side Drive 7:1 Ratio	Side Drive 8:1 Ratio	Side Drive 9:1 Ratio	Side Drive 10:1 Ratio	Side Drive 15:1 Ratio
Travel Speed	Efficiency	28.34 in/min	23.62 in/min	20.24 in/min	17.7 in/min	15.74 in/min	14.16 in/min	9.44 in/min
051GhD – 2.8 Ton Worm	0.383 (6:1)	30:1 Net	36:1 Net	42:1 Net	48:1 Net	54:1 Net	60:1 Net	90:1 Net
1/13HP Lifting Capacity	(lbs)	1690 lbs	2028 lbs	2365 lbs	2703 lbs	3041 lbs	3243 lbs	4670 lbs
1/2 HP Lifting Capacity	(lbs)	2560 lbs	3072 lbs	3583 lbs	4095 lbs	4607 lbs	4913 lbs	7075 lbs
3/4 HP Lifting Capacity	(lbs)	3841 lbs	4610 lbs	5375 lbs	6143 lbs	6911 lbs	NA	NA
1 HP Lifting Capacity								
Travel Speed		28.34 in/min	23.62 in/min	20.24 in/min	17.7 in/min	15.74 in/min	14.16 in/min	9.44 in/min
064GhD – 5.5 Ton Worm	0.398 (6:1)	30:1 Net	36:1 Net	42:1 Net	48:1 Net	54:1 Net	60:1 Net	90:1 Net
1 HP Lifting Capacity	(lbs)	3132 lbs	3758 lbs	4382 lbs	5008 lbs	5634 lbs	6009 lbs	8653 lbs
1.5 HP Lifting Capacity	(lbs)	4697 lbs	5637 lbs	6572 lbs	7511 lbs	8450 lbs	9014 lbs	NA
2 HP Lifting Capacity	(lbs)	6263 lbs	7516 lbs	8763 lbs	NA	NA	NA	NA
Travel Speed		42.51 in/min	35.43 in/min	30.36 in/min	26.55 in/min	23.61 in/min	21.24 in/min	14.16 in/min
076GhD – 11 Ton Worm	0.388 (8:1)	40:1 Net	48:1 Net	56:1 Net	64:1 Net	72:1 Net	80:1 Net	120:1 Net
1 HP Lifting Capacity	(lbs)	2041 lbs	2449 lbs	2855 lbs	3263 lbs	3671 lbs	3916 lbs	5632 lbs
1.5 HP Lifting Capacity	(lbs)	3061 lbs	3673 lbs	4285 lbs	4895 lbs	5507 lbs	5874 lbs	8459 lbs
2 HP Lifting Capacity	(lbs)	4081 lbs	4898 lbs	5711 lbs	6527 lbs	7342 lbs	7832 lbs	11278 lbs
3 HP Lifting Capacity	(lbs)	6122 lbs	7347 lbs	8566 lbs	9790 lbs	11014 lbs	11748 lbs	16917 lbs
5 HP Lifting Capacity	(lbs)	10204 lbs	12244 lbs	14277 lbs	16317 lbs	18356 lbs	NA	NA
Travel Speed		42.51 in/min	35.43 in/min	30.36 in/min	26.55 in/min	23.61 in/min	21.24 in/min	14.16 in/min
089GhD – 22.5 Ton Worm	.357 (8:1)	40:1 Net	48:1 Net	56:1 Net	64:1 Net	72:1 Net	80:1 Net	120:1 Net
3 HP Lifting Capacity	(lbs)	7116 lbs	8540 lbs	9957 lbs	11380 lbs	12802 lbs	13655 lbs	19664 lbs
5 HP Lifting Capacity	(lbs)	11860 lbs	14233 lbs	16595 lbs	18966 lbs	21337 lbs	22759 lbs	32773 lbs
7.5 HP Lifting Capacity	(lbs)	17791 lbs	21349 lbs	24893 lbs	28449 lbs	32005 lbs	34139 lbs	NA

SELECTION CHARTS SIDECAR CONNECT SERIES

High Performance Machine Screws

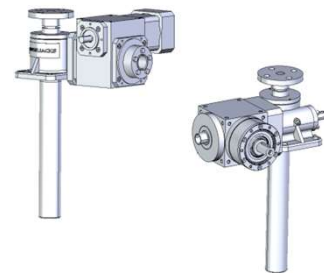


Spiral Bevel Gear [SpB] LEAD 1

Option 1 LEAD DATA		Side Drive 1:1 Ratio	Side Drive 1.5:1 Ratio	Side Drive 2:1 Ratio	Side Drive 3:1 Ratio	Side Drive 4:1 Ratio	Side Drive 5:1 Ratio	Side Drive 10:1 Ratio
Travel Speed	Efficiency	70.85 in/min	47.23 in/min	35.43 in/min	23.62 in/min	17.71 in/min	14.17 in/min	7.09 in/min
110SpB – 2.8 Ton Bevel	0.264 (6:1)	6:1 Net	9:1 Net	12:1 Net	18:1 Net	24:1 Net	30:1 Net	60:1 Net
3/4 HP Lifting Capacity	(lbs)	530 lbs	794 lbs	1060 lbs	1589 lbs	2118 lbs	2648 lbs	3813 lbs
1 HP Lifting Capacity	(lbs)	706 lbs	1059 lbs	1412 lbs	2118 lbs	2824 lbs	3530 lbs	5084 lbs
Travel Speed	Efficiency	70.85 in/min	47.23 in/min	35.43 in/min	23.62 in/min	17.71 in/min	14.17 in/min	7.09 in/min
140SpB – 5.5 Ton Bevel	0.281 (6:1)	6:1 Net	9:1 Net	12:1 Net	18:1 Net	24:1 Net	30:1 Net	60:1 Net
1 HP Lifting Capacity	(lbs)	663 lbs	995 lbs	1327 lbs	1990 lbs	2653 lbs	3317 lbs	6633 lbs
1.5 HP Lifting Capacity	(lbs)	995 lbs	1493 lbs	1990 lbs	2985 lbs	3980 lbs	4975 lbs	9950 lbs
2 HP Lifting Capacity	(lbs)	1327 lbs	1990 lbs	2653 lbs	3980 lbs	5307 lbs	6633 lbs	NA
Travel Speed	Efficiency	106.28 in/min	70.85 in/min	53.14 in/min	35.43 in/min	26.57 in/min	21.26 in/min	10.63 in/min
170SpB – 11 Ton Bevel	0.272 (8:1)	40:1 Net	48:1 Net	56:1 Net	64:1 Net	72:1 Net	80:1 Net	120:1 Net
1.5 HP Lifting Capacity	(lbs)	1371 lbs	2056 lbs	2741 lbs	4112 lbs	5482 lbs	6853 lbs	13706 lbs
2 HP Lifting Capacity	(lbs)	1827 lbs	2741 lbs	3655 lbs	5482 lbs	7310 lbs	9137 lbs	18275 lbs
3 HP Lifting Capacity	(lbs)	2741 lbs	4112 lbs	5482 lbs	8224 lbs	10965 lbs	13706 lbs	NA
5 HP Lifting Capacity	(lbs)	4569 lbs	6853 lbs	9137 lbs	13706 lbs	18275 lbs	NA	NA
Travel Speed	Efficiency	106.28 in/min	70.85 in/min	53.14 in/min	35.43 in/min	26.57 in/min	21.26 in/min	10.63 in/min
170SpB – 22.5 Ton Bevel	.242 (8:1)	40:1 Net	48:1 Net	56:1 Net	64:1 Net	72:1 Net	80:1 Net	120:1 Net
3 HP Lifting Capacity	(lbs)	3081 lbs	4621 lbs	6162 lbs	9243 lbs	12324 lbs	15405 lbs	30810 lbs
5 HP Lifting Capacity	(lbs)	5135 lbs	7702 lbs	10270 lbs	15405 lbs	20540 lbs	25675 lbs	NA
7.5 HP Lifting Capacity	(lbs)	7702 lbs	11554 lbs	15405 lbs	23107 lbs	30810 lbs	38512 lbs	NA

SELECTION CHARTS SIDECAR STAINLESS SERIES

Stainless Steel Machine Screws



Stainless Worm Gear [69K] LEAD 1

Option 1 LEAD DATA		Side Drive 5:1 Ratio	Side Drive 7.5:1 Ratio	Side Drive 10:1 Ratio
Travel Speed	Efficiency	14.17 in/min	10.12 in/min	7.08 in/min
044K69 – 2.8 Ton Worm	0.264 (6:1)	30:1 Net	42:1 Net	60:1 Net
1/3HP Lifting Capacity	(lbs)	1165 lbs	1748 lbs	2236 lbs
1/2 HP Lifting Capacity	(lbs)	1765 lbs	2648 lbs	3388 lbs
3/4 HP Lifting Capacity	(lbs)	2646 lbs	3972 lbs	NA
1 HP Lifting Capacity	(lbs)	3530 lbs	5295 lbs	NA
Travel Speed		21.26 in/min	15.18 in/min	10.62 in/min
060K69 – 5.5 Ton Worm	0.281 (6:1)	30:1 Net	42:1 Net	60:1 Net
1 HP Lifting Capacity	(lbs)	2211 lbs	3316 lbs	4528 lbs
1.5 HP Lifting Capacity	(lbs)	3316 lbs	4972 lbs	6822 lbs
2 HP Lifting Capacity	(lbs)	4422 lbs	6633 lbs	9097 lbs
Travel Speed		21.26 in/min	15.18 in/min	10.62 in/min
076K69 – 11 Ton Worm	0.272 (8:1)	40:1 Net	56:1 Net	80:1 Net
1 HP Lifting Capacity	(lbs)	1431 lbs	2146 lbs	2943 lbs
1.5 HP Lifting Capacity	(lbs)	2146 lbs	3219 lbs	4414 lbs
2 HP Lifting Capacity	(lbs)	2861 lbs	4292 lbs	5886 lbs
3 HP Lifting Capacity	(lbs)	4292 lbs	6438 lbs	8829 lbs
5 HP Lifting Capacity	(lbs)	7153 lbs	10730 lbs	14715 lbs

Stainless Spiral Bevel Gear [SsB] LEAD 1

Option 1 LEAD DATA		Side Drive 1:1 Ratio	Side Drive 1.5:1 Ratio	Side Drive 2:1 Ratio	Side Drive 3:1 Ratio	Side Drive 4:1 Ratio	Side Drive 5:1 Ratio	Side Drive 10:1 Ratio
Travel Speed	Efficiency	70.85 in/min	47.23 in/min	35.43 in/min	23.62 in/min	17.71 in/min	14.17 in/min	7.09 in/min
110SsB – 2.8 Ton Bevel	0.264 (6:1)	6:1 Net	9:1 Net	12:1 Net	18:1 Net	24:1 Net	30:1 Net	60:1 Net
3/4 HP Lifting Capacity	(lbs)	530 lbs	794 lbs	1059 lbs	1589 lbs	2118 lbs	2648 lbs	3813 lbs
1 HP Lifting Capacity	(lbs)	706 lbs	1059 lbs	1412 lbs	2118 lbs	2824 lbs	3530 lbs	5084 lbs
Travel Speed		106.28 in/min	70.85 in/min	53.15 in/min	34.43 in/min	26.57 in/min	21.26 in/min	10.64 in/min
140SsB – 5.5 Ton Bevel	0.281 (6:1)	6:1 Net	9:1 Net	12:1 Net	18:1 Net	24:1 Net	30:1 Net	60:1 Net
1 HP Lifting Capacity	(lbs)	663 lbs	995 lbs	1327 lbs	1990 lbs	2653 lbs	3317 lbs	6633 lbs
1.5 HP Lifting Capacity	(lbs)	995 lbs	1493 lbs	1990 lbs	2985 lbs	3980 lbs	4975 lbs	9950 lbs
2 HP Lifting Capacity	(lbs)	1327 lbs	1990 lbs	2653 lbs	3980 lbs	5307 lbs	6633 lbs	NA
Travel Speed		106.28 in/min	70.85 in/min	53.15 in/min	34.43 in/min	26.57 in/min	21.26 in/min	10.64 in/min
170SsB – 11 Ton Bevel	0.272 (8:1)	8:1 Net	12:1 Net	16:1 Net	24:1 Net	32:1 Net	40:1 Net	80:1 Net
1.5 HP Lifting Capacity	(lbs)	1371 lbs	2056 lbs	2741 lbs	4112 lbs	5482 lbs	6853 lbs	13706 lbs
2 HP Lifting Capacity	(lbs)	1827 lbs	2741 lbs	3655 lbs	5482 lbs	7310 lbs	9137 lbs	18275 lbs
3 HP Lifting Capacity	(lbs)	2741 lbs	4112 lbs	5482 lbs	8224 lbs	10965 lbs	13706 lbs	NA
5 HP Lifting Capacity	(lbs)	4569 lbs	6853 lbs	9137 lbs	13706 lbs	18275 lbs	NA	NA