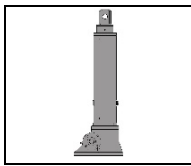


FRYER & OVEN APPLICATION ANALYSIS FORM

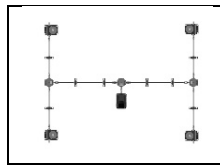
Contact Details

Company Name _____	Contact Name _____
Address _____	Your Project Ref _____
City / Town _____	Date _____
Postcode / ZIP _____	Email _____
Country / State _____	Telephone _____
Country _____	Mobile _____

Number of Actuators in Lift System



Single Actuator
☐ WITH Electric Motor
☐ NO Electric Motor



Actuator System

☐ 2 ☐ 4
☐ 6 ☐ 8

Other _____

Do You Know The Nominal Size of Actuator Required?

YES

Use Actuator Part Number: _____

New Design with Nominal Capacity of:

☐ 25kN (2.5Te) ☐ 50kN (5Te) ☐ 100kN (10Te) ☐ 200kN (20Te)

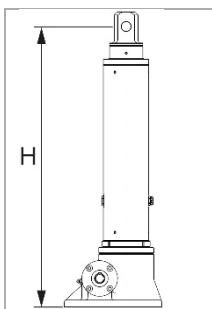
NO, Here is the Design Data

Total Working Load: _____ ☐ Tension ☐ Compression
 Total Static Load: _____ ☐ Tension ☐ Compression
 Stroke Length: _____ Linear Speed: _____
 Duty Cycle (number of cycles per hour or day and their frequency in a year)

What is the Actuator Stroke / Travel?

Normal Stroke Length: _____
 Total Available Stroke Length: _____

What is the Actuators "Closed Height"?



Closed Height is the distance from the actuator base to the centre of the clevis when the actuator is in the closed / retracted position.

H = _____

Is the Clevis End Slotted?

☐ No

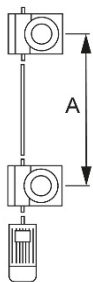
☐ Yes

Slot Length = _____

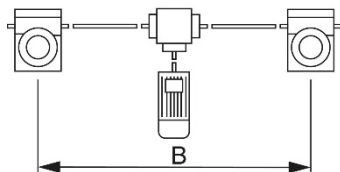
Slot Width = _____

Distance Across Clevis Flats = _____

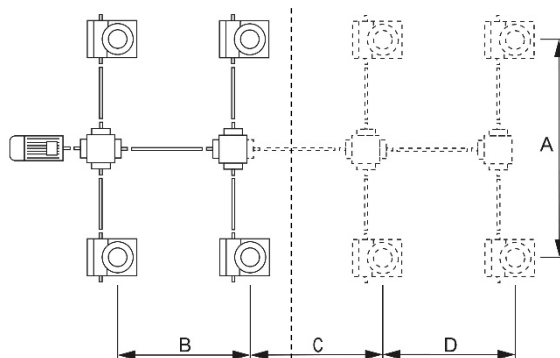
What Type of System Configuration do you Need?



☐ "I" Configuration

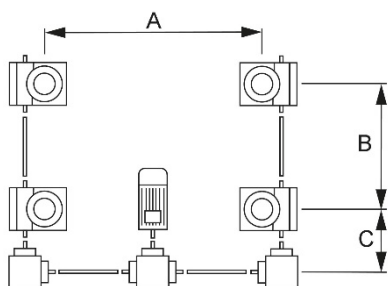


☐ "T" Configuration

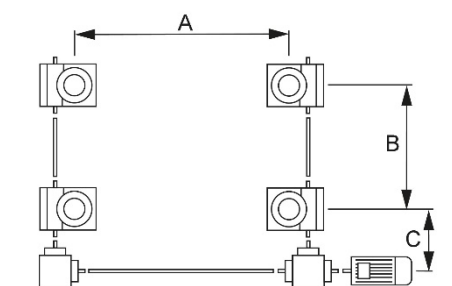


☐ "H" Configuration

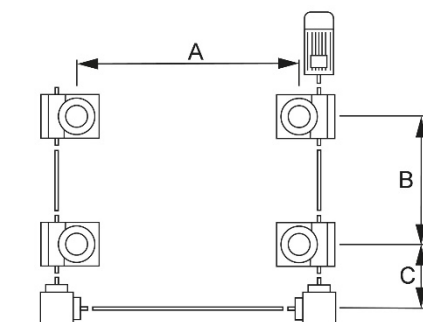
"H" Extended for ☐ 6 or ☐ 8



☐ "U" Configuration – Central Motor Drive



☐ "U" Configuration – Side Positioned Motor Drive on Bevel Gearbox



☐ "U" Configuration – Side Positioned Motor Drive on Actuator

Do You Know The Centre Distance Between Actuators?

A = _____ B = _____

C = _____ OR C minimised - Gearboxes "close coupled" ☐

For the Actuator & Bevel Gearbox Select Preferred Materials or Provide Environmental Conditions

Actuator	Bevel Gearbox	Material Selection
<input type="checkbox"/>	<input type="checkbox"/>	All Carbon Steel construction with Normal Epoxy Paint Finish
<input type="checkbox"/>	<input type="checkbox"/>	All Carbon Steel construction with Food Grade Epoxy Paint Finish
<input type="checkbox"/>	<input type="checkbox"/>	All Carbon Steel construction with Food Grade Epoxy Paint Finish and All bare metal surfaces Electroless-Nickel Plated.
<input type="checkbox"/>	N/A	All Stainless Steel Outer Materials (actuator body, tubes, clevis, drive shafts) with Carbon Steel Internal Components (lifting screw), Unpainted.
<input type="checkbox"/>	<input type="checkbox"/>	All Stainless Steel, Unpainted.

Notes:

1. For the Actuator in all cases above the worm gear and lifting nut are aluminium bronze and the bearings are carbon steel.
2. For the Bevel Gearbox in all cases above the bevel gears and the bearings are carbon steel.

Environmental Conditions

Select The System Components You Need:

<input type="checkbox"/> Electric Motor	<input type="checkbox"/> Aluminium, Painted	<input type="checkbox"/> Stainless Steel
<input type="checkbox"/> Geared Electric Motor	<input type="checkbox"/> Cast Iron / Aluminium Gearbox & Motor, Painted	<input type="checkbox"/> Stainless Steel
<input type="checkbox"/> Couplings	<input type="checkbox"/> Aluminium, Unpainted	<input type="checkbox"/> Stainless Steel
<input type="checkbox"/> Drive Shafts – Standard	<input type="checkbox"/> Steel, Painted	<input type="checkbox"/> Stainless Steel
<input type="checkbox"/> Drive Shafts – Self-Supporting	<input type="checkbox"/> Steel / Aluminium, Painted	<input type="checkbox"/> Stainless Steel
<input type="checkbox"/> Plummer Blocks	<input type="checkbox"/> Cast Iron / Steel, Painted	<input type="checkbox"/> Stainless Steel
<input type="checkbox"/> Rotary Cam Limit Switch	<input type="checkbox"/> Polycarbonate Housing	
<input type="checkbox"/> Proximity Sensor	<input type="checkbox"/> Aluminium	<input type="checkbox"/> Stainless Steel
<input type="checkbox"/> Encoder	<input type="checkbox"/> Aluminium, Painted	<input type="checkbox"/> Stainless Steel

Select The Actuator Options You Need:

- ☐ Stop Nut at the end of the actuators full stroke (emergency use only)
- ☐ Safety Nut (engages for drive if lifting nut worn out)
- ☐ Protective Cover for Non-Drive Shaft
- ☐ Non-Drive Shaft End Removed & Sealed with Blanking Cap

Select The Drive Unit Requirements You Need:

Electric Motor	<input type="checkbox"/>
Geared Electric Motor	<input type="checkbox"/>
Motor Phase & Voltage	_____
Enclosure Rating	_____
Motor Insulation Class	_____
Motor Efficiency Rating	_____
Motor with Holding Brake	<input type="checkbox"/>
Manual Brake Hand Release	<input type="checkbox"/>
Motor with Integrated Encoder	<input type="checkbox"/>

Select The Position Feedback You Require:

Rotary Cam Limit Switch	<input type="checkbox"/>
Number of Contacts	<input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8
Actuator Mounted	<input type="checkbox"/>
Foot Mounted	<input type="checkbox"/>
Flange Mounted (B5)	<input type="checkbox"/>
Face Mounted (B14)	<input type="checkbox"/>
Proximity Sensor on Actuator	<input type="checkbox"/> Fixed Position <input type="checkbox"/> Adjustable Position (+/- 5mm)
Encoder	<input type="checkbox"/> Incremental <input type="checkbox"/> Absolute
Motor Mounted	<input type="checkbox"/>
Actuator Mounted	<input type="checkbox"/>