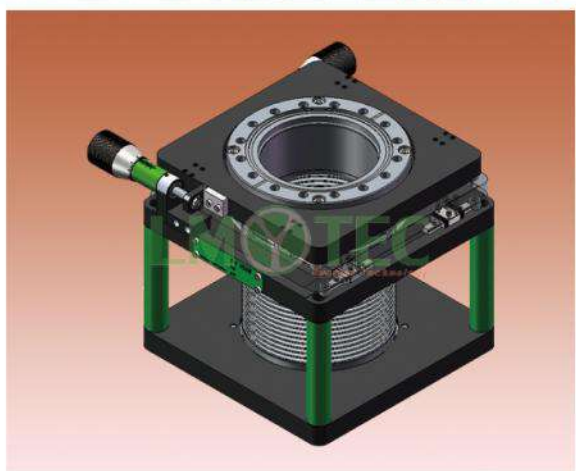




XY Stages



Features

- * ± 13 mm off center XY motion
- * 2.75 to 6 inch bore diameters
- * Manual actuators
- * UHV compatible materials
- * Welded bellows seal
- * Bakeable to 150°C

Specifications

Material :

Body : Aluminum

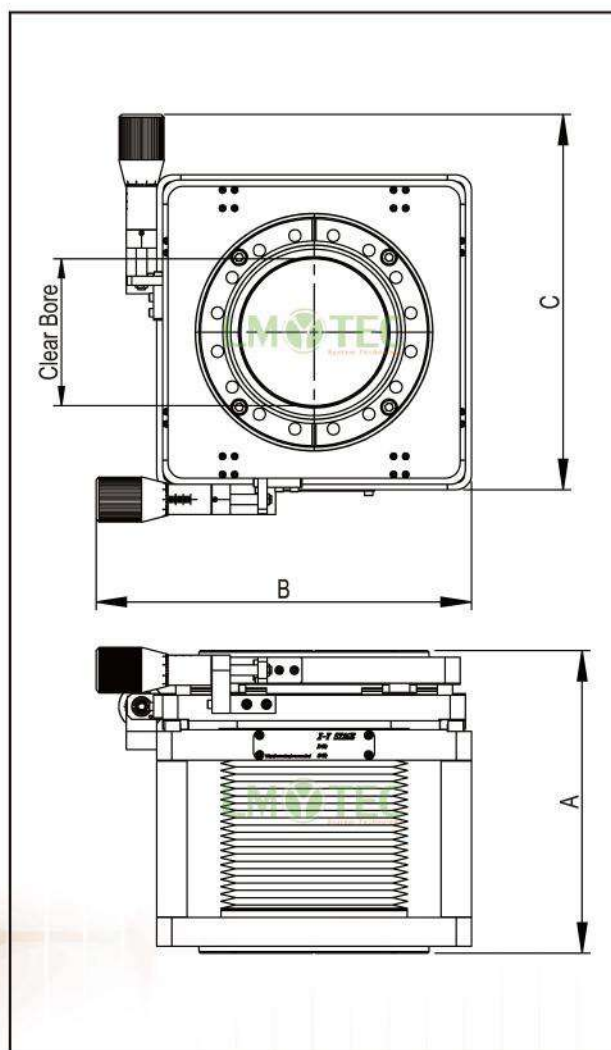
Flange : S.S 304

Bellows : AM350

Dimensions : See table

Vacuum Range : 1 atm to 10^{-11} Torr

Temperature Range : -20°C to 230°C





Dimension

LMYTEC reserve the right to change the specification without notice

Unit:mm

Flang Size	Model No.	Z Stroke	Clear Bore	A	B Min - Max		C Min - Max	
CF 2.75"	LM T310-C2MUE	26	34.8	161	188	214	183	209
CF 4.5"	LM T320-C2MUE	26	59.5	176	198	224	198	224
CF 6"	LM T330-C2MUE	26	97	200	235	261	235	261



Z Stages



Features

- * 50 mm to 150 mm Z-axis travel
- * 1.33 to 6 inch bore diameters
- * Z-axis Manual or Motorized type
- * UHV compatible materials
- * Welded bellows seal
- * Bakeable to 150 °C

Specifications

Material :

Body : Aluminum

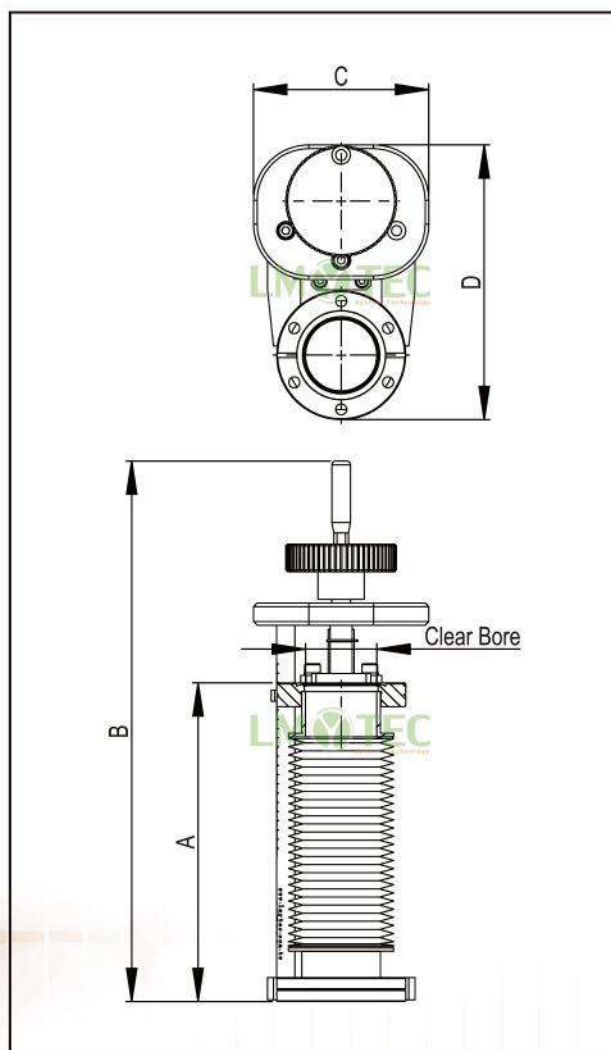
Flange : S.S 304

Bellows : AM350

Dimensions : See table

Vacuum Range : 1 atm to 10^{-11} Torr

Temperature Range : -20 °C to 230 °C





Dimension

LMYTEC reserve the right to change the specification without notice

Unit:mm

Flang Size	Model No.	Z Stroke	Clear Bore	A Min - Max		B	C	D
CF 2.75"	LM T31030-C1MUE	50	38.7	65	115	215	95	149
	LM T31050-C1MUE	100		90	190	292	95	149
	LM T31060-C1MUE	150		114	264	364	95	149
CF 4.5"	LM T32030-C1MUE	50	59.5	149	199	291	110	204.5
	LM T32050-C1MUE	100		99	199	291	110	204.5
	LM T32060-C1MUE	150		123	273	363	110	204.5
CF 6"	LM T33030-C1MUE	50	95.6	122	172	198	234	297
	LM T33050-C1MUE	100		122	222	253	234	297
	LM T33060-C1MUE	150		122	272	303	234	297



XYZ Stages

2.75 & 4.5 inch



Features

- * ± 12.5 mm off center XY motion
- * 100 to 200 mm Z-axis travel
- * 2.75 and 4.5 inch bore diameters
- * Z-axis Manual or Motorized type
- * UHV compatible materials
- * Welded bellows seal
- * Bakeable to 150 °C

Specifications

Material :

Body : Aluminum

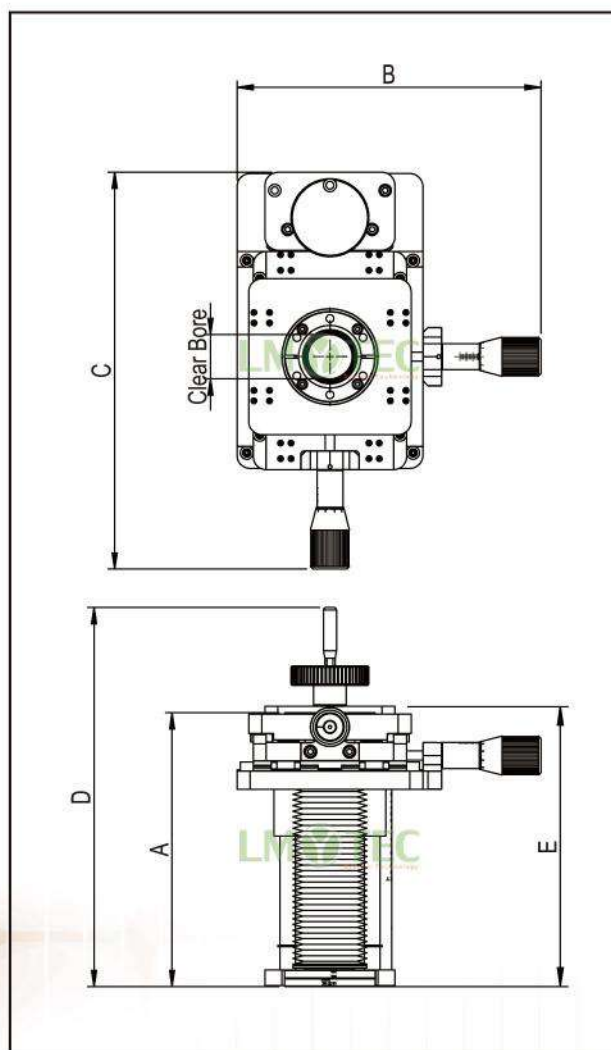
Flange : S.S 304

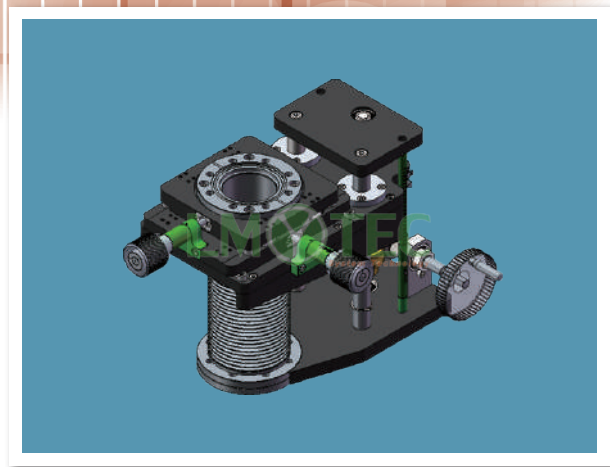
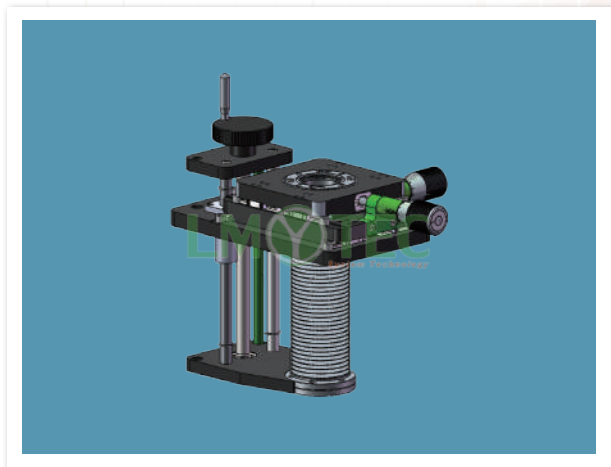
Bellows : AM350

Dimensions : See table

Vacuum Range : 1 atm to 10^{-11} Torr

Temperature Range : -20 °C to 230 °C





Dimension

LMYTEC reserve the right to change the specification without notice

Unit:mm

Flang Size	Model No.	Z Stroke	Clear Bore	A Min - Max		B Min - Max		C Min - Max		D	E
CF 2.75"	LM T31050-C3MUE	100	34.1	158	258	221.5	246.5	342	367	273.5	242
	LM T31070-C3MUE	200	34.1	250	450	221.5	246.5	342	367	273.5	434
CF 4.5"	LM T32050-C3MUE	100	59.5	165	265	258	283	401	426	324.5	248.5
	LM T32070-C3MUE	200	59.5	256	456	258	283	401	426	324.5	440.5

- * Stroke for customer needs.
- * Motor is optional components.



XYZ Stages

6 & 8 inch



Features

- * ± 12.5 mm off center XY motion
- * 100 to 200 mm Z-axis travel
- * 6 and 8 inch bore diameters
- * Z-axis Manual or Motorized type
- * UHV compatible materials
- * Welded bellows seal
- * Bakeable to 150 °C

Specifications

Material :

Body : Aluminum

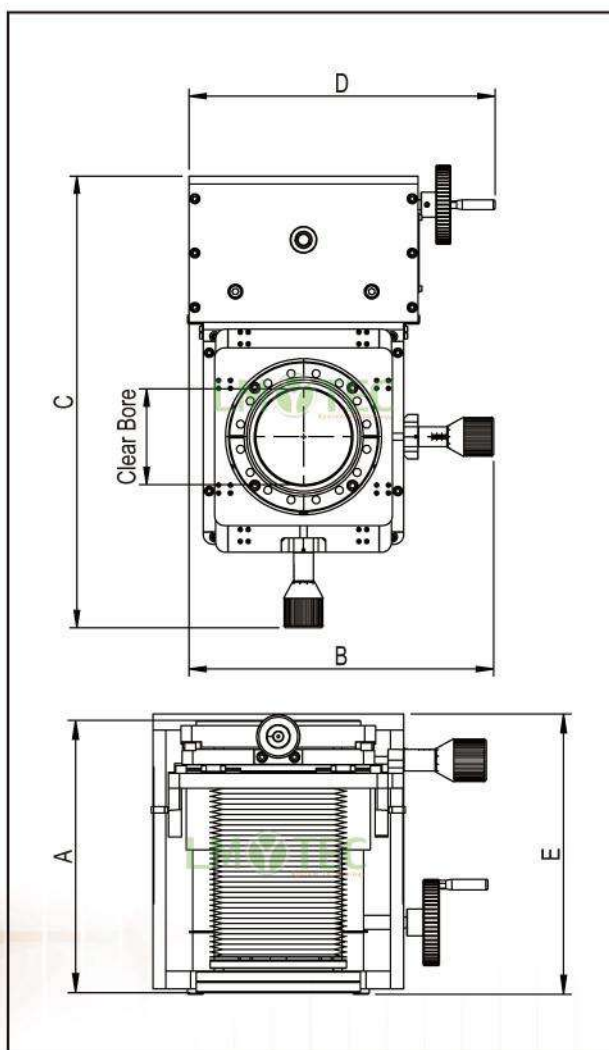
Flange : S.S 304

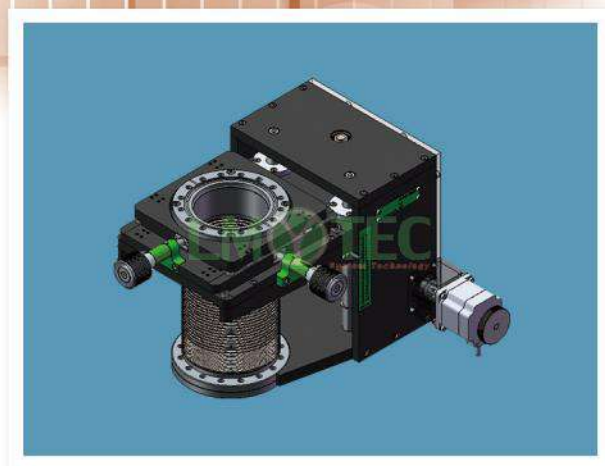
Bellows : AM350

Dimensions : See table

Vacuum Range : 1 atm to 10^{-11} Torr

Temperature Range : -20 °C to 230 °C





Dimension

LMYTEC reserve the right to change the specification without notice

Unit:mm

Flang Size	Model No.	Z Stroke	Clear Bore	A Min - Max		B Min - Max		C Min - Max		D	E
CF 6"	LM T33050-R3MUE	100	97	177	277	296	321	445	470	310	259.5
	LM T33070-R3MUE	200	97	270	470	296	321	445	470	310	452.5

* Stroke for customer needs.

* Motor is optional components.



Gimbal Stages

WB Type



Features

- * 15° tilt angle
- * 2.75 and 4.5 inch bore diameters
- * Screw lock to adjust the position
- * Thru Hole and Tapped type
- * UHV compatible materials
- * Welded bellows seal
- * Bakeable to 150 °C

Specifications

Material :

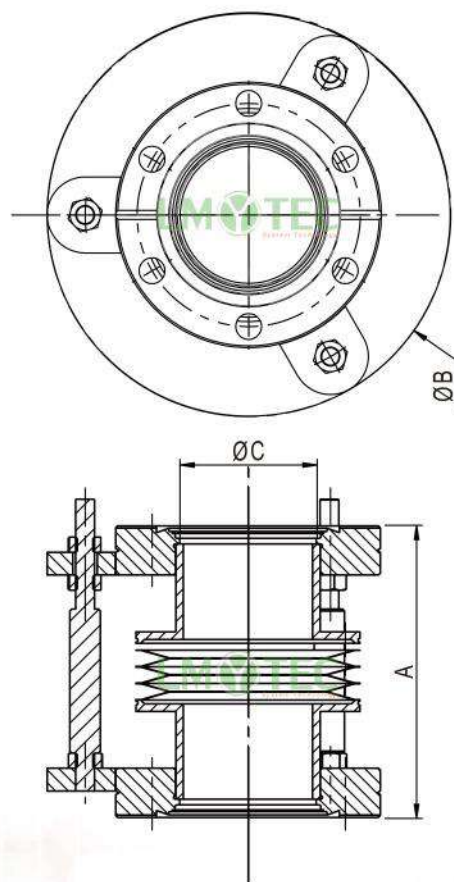
Flange : S.S 304

Bellows : AM350

Dimensions : See table

Vacuum Range : 1 atm to 10^{-11} Torr

Temperature Range : -20 °C to 230 °C





Dimension

LMYTEC reserve the right to change the specification without notice

Unit:mm

Flang Size	Model No.	Type	A	Ø B	Ø C	Tilt angle
CF 2.75"	WB-GIB-003E	Thru Hole	77	106	34.1	15°
	WB-GIB-003E-T	Tapped	77	106	34.1	15°
CF 4.5"	WB-GIB-004E	Thru Hole	100	150	59.5	15°
	WB-GIB-004E-T	Tapped	100	150	59.5	15°



Gimbal Stages

FB Type



Features

- * 10° tilt angle
- * 2.75 and 4.5 inch bore diameters
- * Screw lock to adjust the position
- * Thru Hole and Tapped type
- * UHV compatible materials
- * Formed bellows seal
- * Bakeable to 150 °C

Specifications

Material :

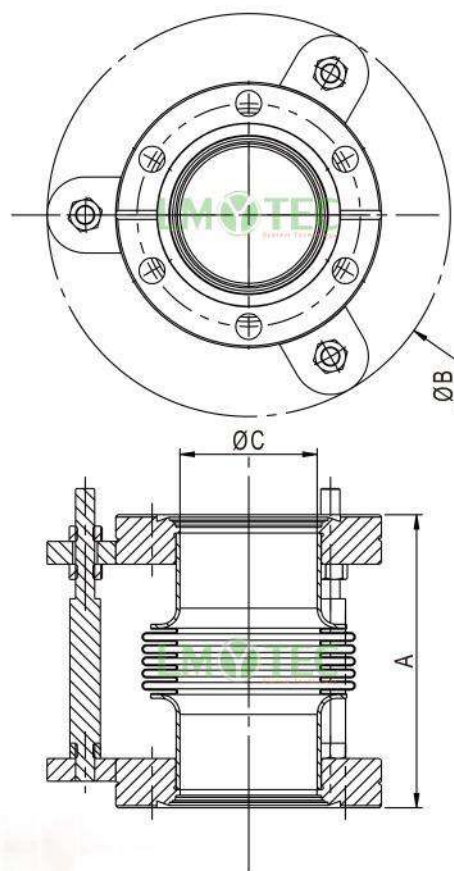
Flange : S.S 304

Bellows : S.S 304

Dimensions : See table

Vacuum Range : 1 atm to 10^{-11} Torr

Temperature Range : -20 °C to 230 °C





Dimension

LMYTEC reserve the right to change the specification without notice

Unit:mm

Flang Size	Model No.	Type	A	Φ B	Φ C	Tilt angle
CF 2.75"	FB-GIB-003A	Thru Hole	77	106	36.1	10°
	FB-GIB-003A-T	Tapped	77	106	36.1	10°
CF 4.5"	FB-GIB-004A	Thru Hole	100	150	59.5	10°
	FB-GIB-004A-T	Tapped	100	150	59.5	10°