

Linear shutters are used for most demanding applications in MBE production. The design is based on CreaTec EDGE toolkit, allowing linear motion without gliding friction. The shutter does not contain PEEK, bronze or other UHV problematic materials or substances. It is made entirely from stainless steel. Endurance tests have shown failure free operation with practically no wear of the UHV mechanism after more than 10 million strokes at high speed. The shutter can be mounted in any orientation due to its rotatable mounting flange.

Options

- Pneumatic linear motor
- Pneumatic rotary motor
- Programmable 24 V servo motor
- μ -metal shielding
- Shutter controller
- Customized shutter rod and blades

TYPE	SH LIN		
FLANGE (rot.)	DN 40 CF	DN 63 CF	DN 63 CF
STROKE (mm)	40	60	80
HOUSING CROSS SECTION	30 x 30	45 x 45	50 x 50
LENGTH WITHOUT ACTUATOR (mm)	161	202	246
OPERATING TEMPERATURE	up to 200 °C		

