

KOMP-ACT

KLP-60-15

# Electric Linear Pusher.





The scope of the vibrator/pusher is to act as a short stroke actuator allowing high reactivity and combined with a spring system, to have a resonating device behaviour on a certain range of frequencies.

Depending upon the spring system used, the linear pusher can work in two ways:

- The spring is used for a safety close of a valve when the device isn't powered and a quick opening when the actuator is activated. The stroke can be set to regulate for instance the flux of a fluid (regulator valve behaviour)
- The pusher energizes the spring system which in turns puts in vibration a tray at a certain frequency (vibratory mode)

## Technical Data

Rating stroke [mm]	1-6
Maximum stroke [mm]	12
Closing time [ms]	3 to 5
Opening time [ms]	5 to 7
Supply [V] DC	24
Mass [g]	1000
External dimension [mm]	60
Actuator max operating frequency [Hz]	50
Max force [N]	100
Max. Operation temperature (external surface) [°C]	70
Force constant [N/Amps]	38.4
Coil resistance [Ohm]	8.7
Life expectancy [Cycles]	10 years at 50 Hz