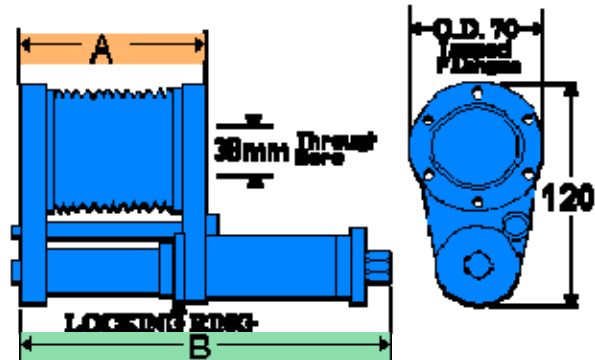


# VG Scienta<sup>®</sup> Linear Transfer Mechanisms



## ZLTM Series – Important Technical Information

CLEAR BORE THROUGH BELLOWS	38.0 MM
Parallelism of flange faces	Within 0.04 mm/cm
Concentricity of flange bores	Within 0.5 mm
Approximate torque required to elevate	1.2 Nm
Maximum applied axial load	200 N
Maximum applied radial load (to small pillar)	5 N
Operating pressure range	1 bar to 10 <sup>-11</sup> mbar

**All LTMs have a 2-3/4" (70 mm OD) Tapped CF mounting flange with M6 bolt holes. Bakeout Temperature = 250°C**

Travel mm	Operation	A Ext.	A Comp.	B Ext.	B Comp.	Ship Wt.	Part Code	Price
25	Manual	63	38	159	134	3.2	LTM25	P.O.R.
50	Manual	92	42	215	165	3.4	LTM50	P.O.R.
75	Manual	125	50	258	183	3.8	LTM75	P.O.R.
100	Manual	163	63	310	210	4.2	LTM100	P.O.R.
25	Motorized	63	38	162	137	4.4	LTM25M	P.O.R.
50	Motorized	92	42	218	168	4.6	LTM50M	P.O.R.
75	Motorized	125	50	261	186	5	LTM75M	P.O.R.
100	Motorized	163	63	313	213	4.4	LTM100M	P.O.R.
25	Motorized	63	38	162	137	4.4	LTM25D	P.O.R.
50	Motorized	92	42	218	168	4.6	LTM50D	P.O.R.
75	Motorized	125	50	261	186	5	LTM75D	P.O.R.
100	Motorized	163	63	313	213	4.4	LTM100DC	P.O.R.