

## Bell Hydromatics Linear Transducers KTC Series

## Features :

RATING

- Linear Transducer is a simply mounted, high
- precision industrial linear motion transducer.
  Measuring range 30 mm 800 mm
- Long mechanical life 100.000.000 cycles
- Excellent repeatability
- Very low temperature drift
- Infinite resolution

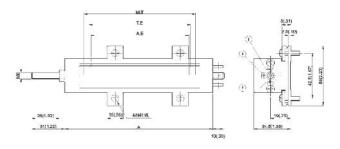
## Main Applications :

 Plastic / Metal Injection Moulding Machineries, Textile Machineries, Transfer / Hydraulic Machineries, Marble / Stone Machineries and General Automation Applications

KTC Series		75	100	150	225	300	375	450	525	600	750	900
Totol Electrical Travel(T.E)	mm (inch)	76 (2.99)	102 (4.02)	152 (5.98)	229 (9.02)	305 (12.01)	381 (15.00)	457 (17.99)	533 (20.98)	610 (24.02)	762 (30.00)	914 (35.98)
Active Electrical Travel(A.E)	mm (inch)	75 (2.95)	100 (3.94)	150 (5.91)	226 (8.90)	302 (11.89)	378 (14.88)	455 (17.91)	531 (20.91)	607 (23.90)	759 (29.88)	912 (35.91)
Resistance ±20%	κΩ	2.5	3.4	5.0	2.4	3.2	4.0	4.8	5.6	6.4	8.0	9.6
Independent Linearity	±%	0.07	0.07	0.07	0.07	0.07	0.07	0.05	0.05	0.05	0.05	0.05
Mechanical Travel(M.T)	mm (inch)	79 (3.11)	104 (4.09)	155 (6.10)	231 (9.09)	307 (12.09)	384 (15.12)	460 (18.11)	536 (21.10)	612 (24.09)	765 (30.12)	917 (36.10)
Resolution		infinite										
Recommended Cursor Current	μΑ	<1										
Temperature Range	°C	-55~+125										
Dimensions A	mm(inch)	139 (5.47)	164 (6.46)	215(8.46)	291 (11.46)	367 (14.44)	444 (17.48)	520 (20.47)	596 (23.46)	672 (26.46)	825 (32.48)	977 (38.46)

## DIMENSIONS

Mechanical KTC



ROD END BEARING (KTC-01)

Link Ball(KTC-02)

