



ITAR REGISTERED and COMPLIANT
Cage Code 7BQS7

Technical Data Sheet KYNTec Corporation Speed Control

Applications:

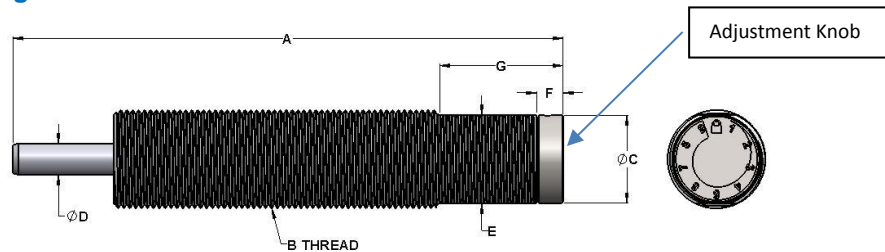
- Machine Feed Control
- Peck Drilling
- Any Application Requiring Speed/Rate Control

Product Overview:

The KYNTEC Corporation Speed Control Series provides enhanced speed or force control over a wide range of application inputs and environmental conditions. Self-contained Patented fully adjustable with rear knob to easily adjust in the field to fine tune to any input or to compensate for machinery wear. There are no diaphragm seals to wear out or micro-hole and filters to plug.

Design Features:

- Custom Designs Available for Any Application
- Higher Energy per Cycle when Compared to Other Similar Sized Products
- Can Also be used as a High Energy Capacity Shock Absorber
- Fully Adjustable
- Wide Range of Operating and Storage Temperatures
- Custom Materials, Coatings, Fluids, Seals or Interfacing
- Smaller and Larger Models Available



KYNTec MODEL	A in. (mm)	B THREAD	ØC in. (mm)	ØD in. (mm)	E in. (mm)	F in. (mm)	G in. (mm)
KSC1000	5.46 (138,7)	1 - 12 UN-2A	.88 (22,2)	.31 (7,9)	.88 (22,2)	.27 (6,9)	1.24 (31,5)

KYNTec MODEL	STROKE in. (mm)	MAXIMUM in-lbs/cycle (Nm/c)	MAXIMUM in-lbs/hour (Nm/h)	MAXIMUM SHOCK FORCE lbs (N)	NOMINAL COIL SPRING FORCE		WEIGHT oz (g)
					EXTENDED lbs (N)	COMPRESSED lbs (N)	
KSC1000	1.00 (25,4)	2,200 (248,6)	600,000 (67 791)	3,000 (13 345)	6.0 (27,0)	12.0 (53,0)	.14 (4)

KYNTec Corporation can customize our products to match the dynamics of any competitive product or application.

Additional Standard or Custom Models Available

Subject to Change, Please Consult Factory for Additional Information

2100 Old Union Road Buffalo New York 14227 Tel : +1.716.616.3630 Fax : +1.716.616.3631 Email : info@kynotec.com

KYNTec Corporation is the Shock/Vibration Isolation and Recoil Mitigation Industry Leader, Innovator and Pioneer