



**Barker/ Diacon S2000NM Snubber Test System
6 kip Test Bench Standard Specifications**

Standard Capacities/Performance

Maximum Load (activation testing)	6000	lbf	26.4	kN
Minimum Load (activation testing)	150	lbf	0.66	kN
Minimum Pin to Pin dimension	3	inches	76	mm
Maximum Pin to Pin dimension	23.25	inches	591	mm
Maximum stroke length	12	inches	305	mm
Drag speed range	1-5	ipm	0.5-2.0	mm/sec
Lockup rate range	1-60	ipm	0.5-25.0	mm/sec
Bleed rate range	1-60	ipm	0.5-25.0	mm/sec
Maximum Acceleration	.035	g		

Pins/Bushings Included

0.375	inches	Metric Sizes on request
0.500	inches	Metric Sizes on request
0.750	inches	Metric Sizes on request

Instrumentation Accuracies

Load	+/- 0.5	% of LC span
Velocity	+/- 0.5	ipm
Position	+/-0.1	inch
Data Conversion	16 bit	

Power Requirement Power supplied from HPU/Control Console

Interconnect Hoses/Cables

Hoses	25	Feet	JIC hose connections
Electrical Cables	25	Feet	Quick connects one end

Overall Maximum Size/Weight (aprox)

Length	96	inches	244	cm
Width	42	inches	107	cm
Height	48	inches	122	cm
Weight	900	lb	409	kg

Shipping Crate/Weight (aprox)

Length	108	inches	274	cm
Width	54	inches	137	cm
Height	60	inches	152	cm
Weight	990	lb	449	kg



6 kip Test Frame