



SNUBBER TEST EQUIPMENT

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

Standard Capacities/Performance

Maximum Load (activation testing)	75000	lbf	330	kN
Minimum Load (activation testing)	5000	lbf	22	kN
Minimum Pin to Pin dimension	3	inches	76	mm
Maximum Pin to Pin dimension	48	inches	1219	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

1.000	inches	Metric Sizes on request
1.250	inches	Metric Sizes on request
1.500	inches	Metric Sizes on request
1.750	inches	Metric Sizes on request
2.000	inches	Metric Sizes on request
2.250	inches	Metric Sizes on request
2.500	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	132	inches	335	cm
Width	44	inches	112	cm
Height	48	inches	122	cm
Weight	2400	lb	1090	kg

Shipping Crate/Weight (aprox)

Length	144	inches	366	cm
Width	56	inches	142	cm
Height	60	inches	152	cm
Weight	2600	lb	1180	kg



75 kip Test Frame