



SNUBBER TEST EQUIPMENT

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

**Standard Capacities/Performance**

Maximum Load (activation testing)	200000	lbf	880	kN
Minimum Load (activation testing)	20000	lbf	88	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	154	inches	391	cm
Width	48	inches	122	cm
Height	42	inches	107	cm
Weight	6000	lb	2724	kg

**Shipping Crate/Weight (aprox)**

Length	166	inches	422	cm
Width	60	inches	152	cm
Height	54	inches	137	cm
Weight	6300	lb	2860	kg



**200 kip Test Frame**