



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