

**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