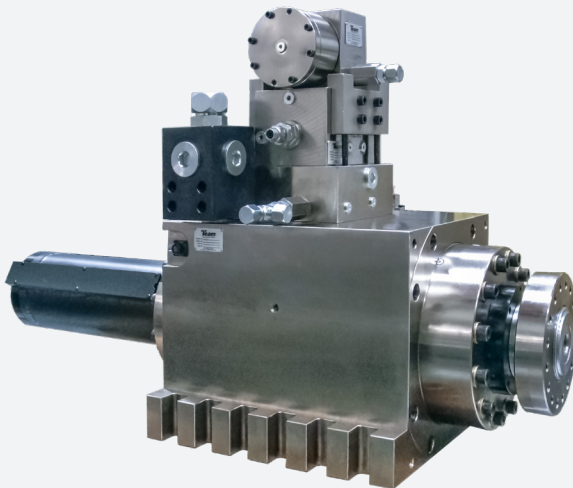


Team Corporation's 50, 60 & 80 Series servo hydraulic linear actuators have distinguished themselves in hundreds of varying applications under demanding operational conditions. All Team servo hydraulic linear actuators are fatigue rated, require almost no maintenance and have demonstrated reliability and exceptional performance under the most demanding test environments.



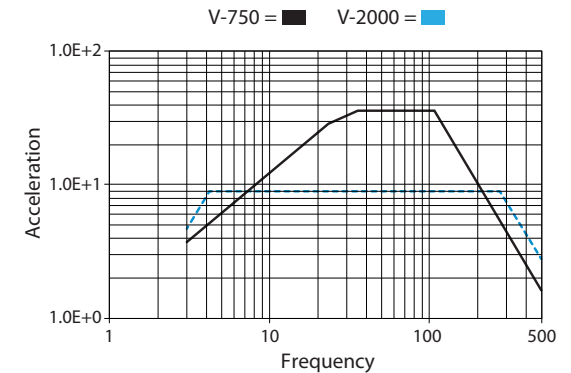
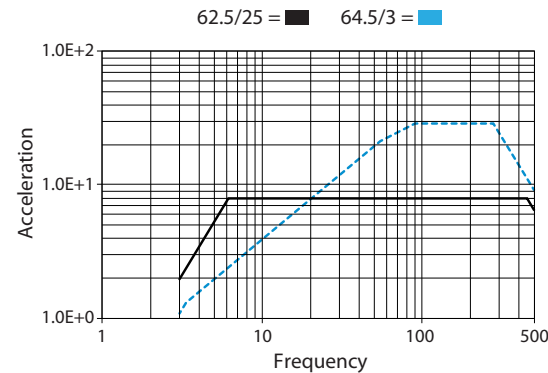
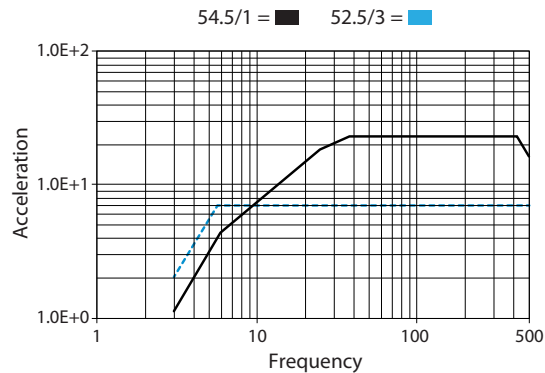
### Standard Features

- One-piece, chrome plated piston rod for high strength and durability
- Hydrostatic rod support bearings for accurate, frictionless motion and high moment capacity
- Low pressure, low maintenance rod seals reduce maintenance and downtime
- Integral dashpots prevent damage to the actuator due to sudden stops
- Built-in LVDT displacement transducer
- Rectangular body mountable in either horizontal or vertical orientation

- Sold as individual components for integration with commercially available servovalves, or supplied (as shown) with Team's voice coil pilot valve and high-performance servovalve

### Typical Applications

- Vertical and horizontal vibration test systems
- Multi-axis vibration test systems
- Fatigue test systems



### Specifications

### 50 Series

### 60 Series

### 80 Series

Dynamic Stroke	2.5 to 4.5 in (63.5 to 114 mm)	2.5 to 4.5 in (63.5 to 114 mm)	2.5 to 10.5 in (63.5 to 266.7 mm)
Approx Piston Weight	24 lbs (11 kg)	80 lbs (36 kg)	150 lbs (68 kg)
Sine Force Range	2000-6000 lbf (8.9-26.7 kN)	6000-50,000 lbf (26.7-222 kN)	6000-50,000 lbf (26.7-222 kN)
Random Force Range	1000-3000 lbf rms	3000-25,000 lbf rms	3000-25,000 lbf rms
Overturning Moment Capacity	23,000 in-lbf (2.6 kN-m)	54,000 in-lbf (6.1 kN-m)	54,000 in-lbf (6.1 kN-m)

?? x ?? head expander and 100lb load.  
The 54.5/1 is long stroke and high velocity, hitting over 130 ips, while the 52.5/3 demonstrates maximizing acceleration.

36 x 36 inch head expander and 250lb load.  
The 62.5/25 uses a V750 valve and maximizes acceleration performance. The 64.5/3 demonstrates long stroke and max velocity.

48x48 inch head expander and 500 lb load.  
The Dual V-750 trace is long stroke and high velocity, hitting over 200 ips, while the V-2000 demonstrates maximizing acceleration.

All drawings are in inches and (millimeters) unless otherwise noted. Dimensions are provided for evaluation purposes. Formal layout drawings can be provided for additional dimensions and dimension verification.