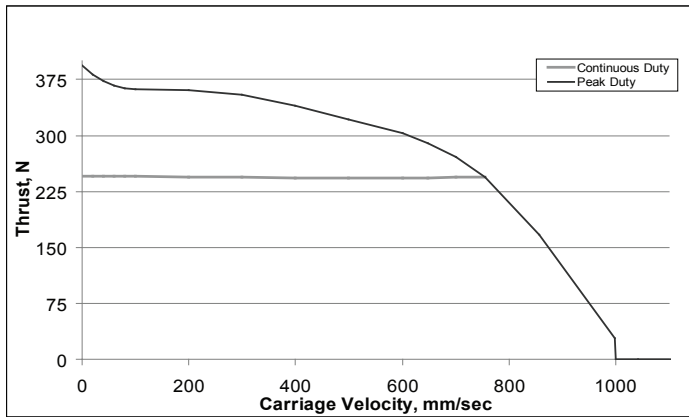
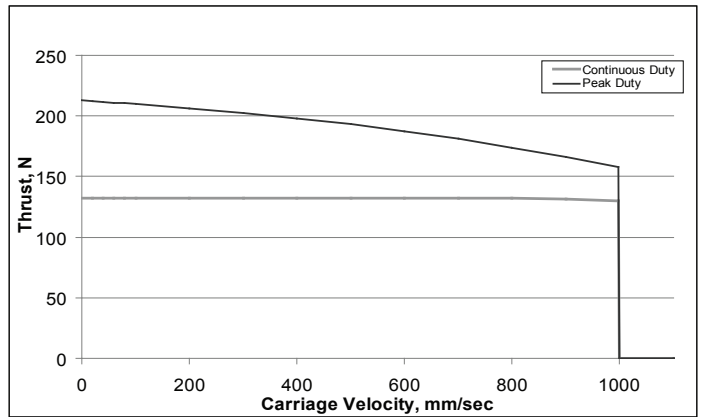


**VL-CT series - SM2316DT @ 48V, Direct Drive & 1:1 Pulley Offset**



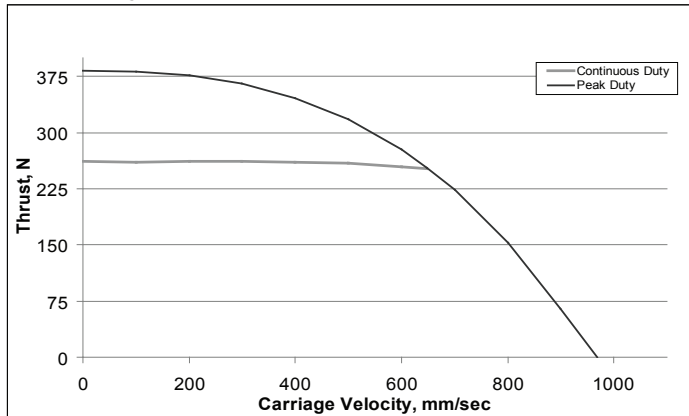
\*220 N (VL-CT55) or 55 N (VL-CT35/45) Dynamic Thrust Limit for Basic Service Life when operated at critical speed limits

**VL-CT series - SM2316D @ 48V, Direct Drive & 1:1 Pulley Offset**



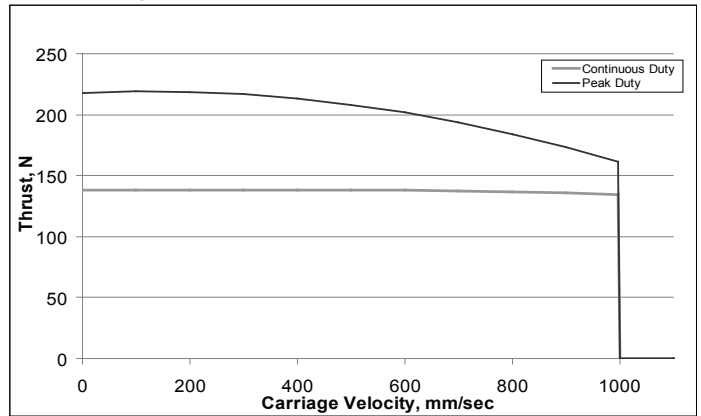
\*132 N (VL-CT55) or 55 N (VL-CT35/45) Dynamic Thrust Limit for Basic Service Life when operated at critical speed limits

**VL-CT series - SM2316DT @ 42V, Direct Drive & 1:1 Pulley Offset**



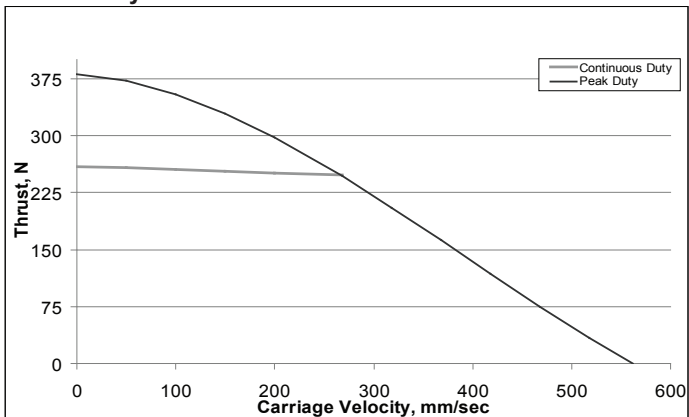
\*220 N (VL-CT55) or 55 N (VL-CT35/45) Dynamic Thrust Limit for Basic Service Life when operated at critical speed limits

**VL-CT series - SM2316D @ 42V, Direct Drive & 1:1 Pulley Offset**



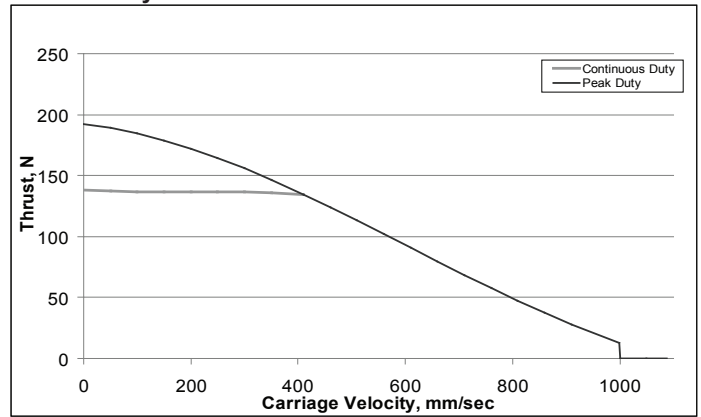
\*132 N (VL-CT55) or 55 N (VL-CT35/45) Dynamic Thrust Limit for Basic Service Life when operated at critical speed limits

**VL-CT series - SM2316DT @ 24V, Direct Drive & 1:1 Pulley Offset**



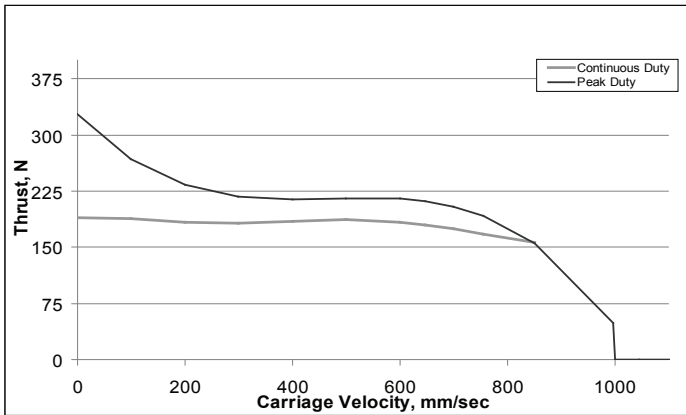
\*220 N (VL-CT55) or 55 N (VL-CT35/45) Dynamic Thrust Limit for Basic Service Life when operated at critical speed limits

**VL-CT series - SM2316D @ 24V, Direct Drive & 1:1 Pulley Offset**



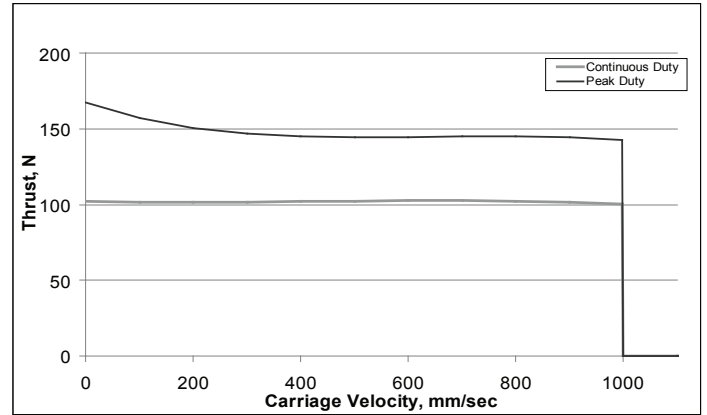
\*132 N (VL-CT55) or 55 N (VL-CT35/45) Dynamic Thrust Limit for Basic Service Life when operated at critical speed limits

**VL-CT series - SM2315DT @ 48V, Direct Drive & 1:1 Pulley Offset**



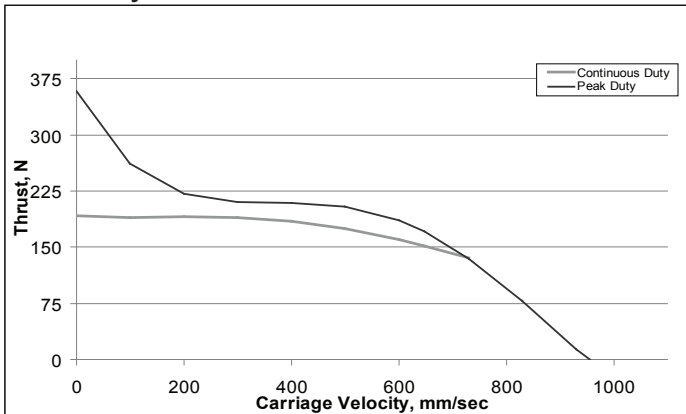
\*190 N (VL-CT55) or 55 N (VL-CT35/45) Dynamic Thrust Limit for Basic Service Life when operated at critical speed limits

**VL-CT series - SM2315D @ 48V, Direct Drive & 1:1 Pulley Offset**



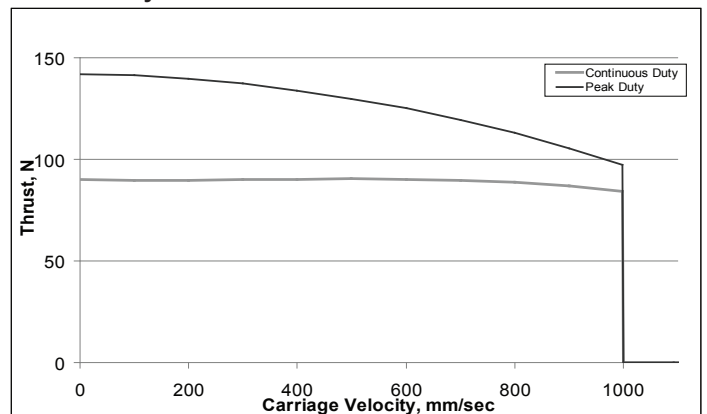
\*101 N (VL-CT55) or 55 N (VL-CT35/45) Dynamic Thrust Limit for Basic Service Life when operated at critical speed limits

**VL-CT series - SM2315DT @ 42V, Direct Drive & 1:1 Pulley Offset**



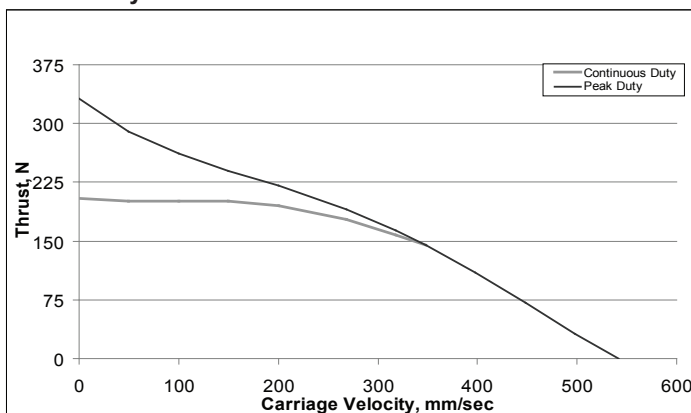
\*190 N (VL-CT55) or 55 N (VL-CT35/45) Dynamic Thrust Limit for Basic Service Life when operated at critical speed limits

**VL-CT series - SM2315D @ 42V, Direct Drive & 1:1 Pulley Offset**



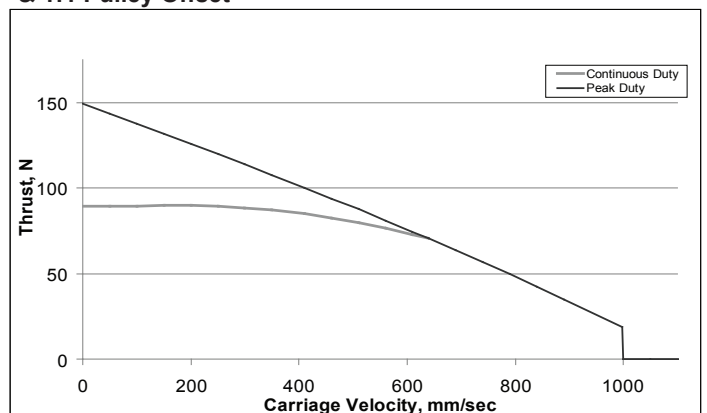
\*101 N (VL-CT55) or 55 N (VL-CT35/45) Dynamic Thrust Limit for Basic Service Life when operated at critical speed limits

**VL-CT series - SM2315DT @ 24V, Direct Drive & 1:1 Pulley Offset**



\*190 N (VL-CT55) or 55 N (VL-CT35/45) Dynamic Thrust Limit for Basic Service Life when operated at critical speed limits

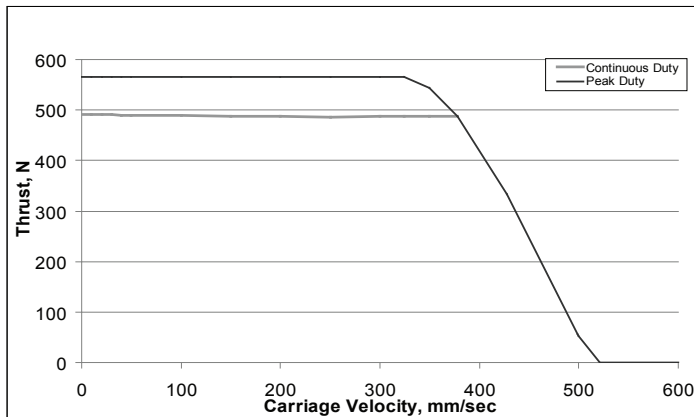
**VL-CT series - SM2315D @ 24V, Direct Drive & 1:1 Pulley Offset**



\*101 N (VL-CT55) or 55 N (VL-CT35/45) Dynamic Thrust Limit for Basic Service Life when operated at critical speed limits

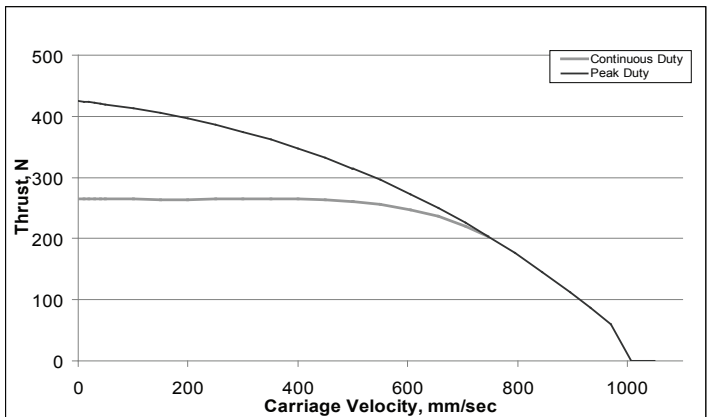
# Thrust Curves VL-CT35/45 2:1 Pulley Offset • SM2316DT & SM2316D

**VL-CT35/45 - SM2316DT @ 48V, 2:1 pulley offset**



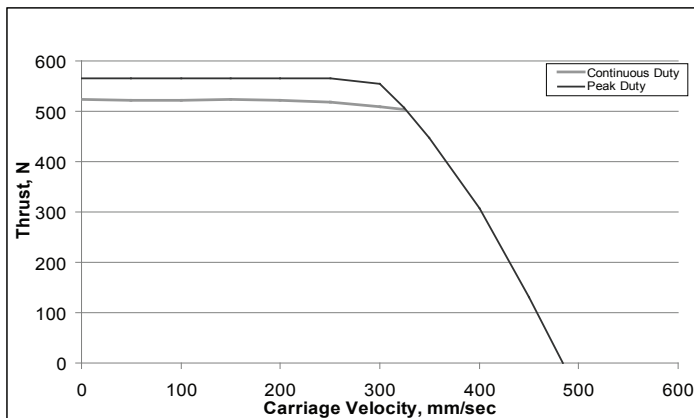
\*\*Please see pages 16-20 for lifetime, moment loading and ball screw critical speed limitations for the VL Series actuators.

**VL-CT series - SM2316D @ 48V, 2:1 pulley offset**



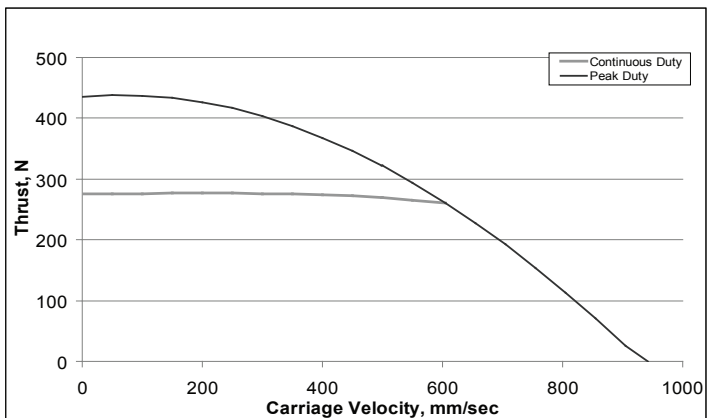
\*\*Please see pages 16-20 for lifetime, moment loading and ball screw critical speed limitations for the VL Series actuators.

**VL-CT35/45 - SM2316DT @ 42V, 2:1 pulley offset**



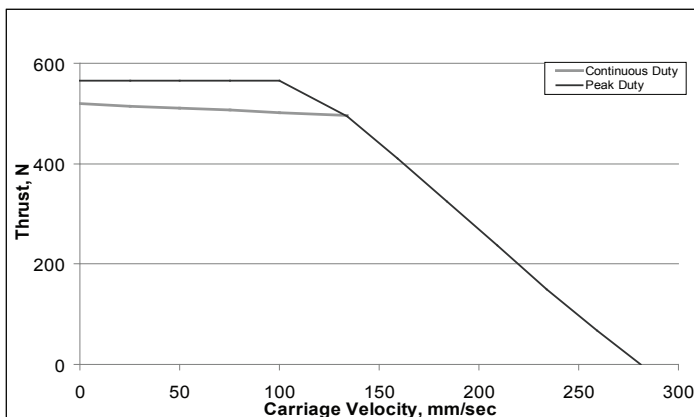
\*\*Please see pages 16-20 for lifetime, moment loading and ball screw critical speed limitations for the VL Series actuators.

**VL-CT series - SM2316D @ 42V, 2:1 pulley offset**



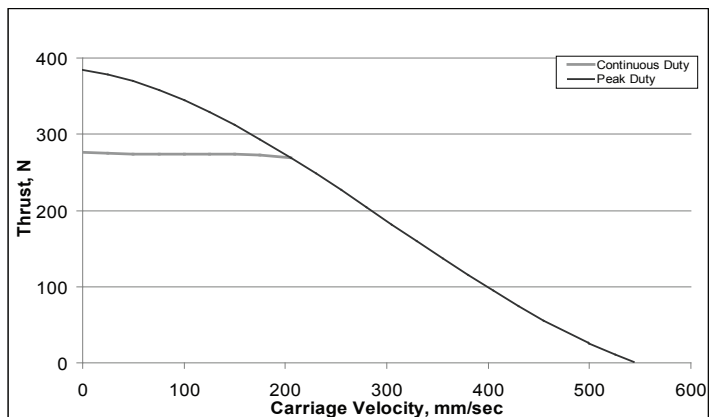
\*\*Please see pages 16-20 for lifetime, moment loading and ball screw critical speed limitations for the VL Series actuators.

**VL-CT35/45 - SM2316DT @ 24V, 2:1 pulley offset**



\*\*Please see pages 16-20 for lifetime, moment loading and ball screw critical speed limitations for the VL Series actuators.

**VL-CT series - SM2316D @ 24V, 2:1 pulley offset**

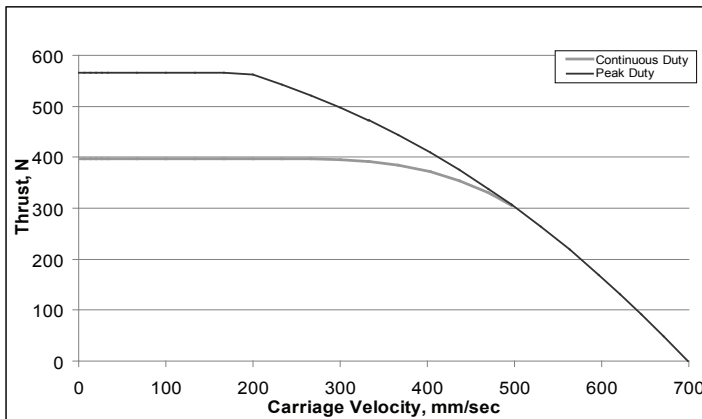


\*\*Please see pages 16-20 for lifetime, moment loading and ball screw critical speed limitations for the VL Series actuators.

# Thrust Curves VL-CT35/45 3:1 Pulley Offset • SM2316D & SM2315D

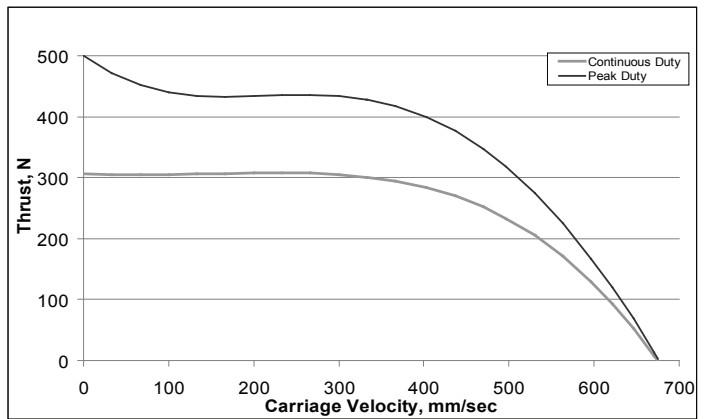
THRUST CURVES

**VL-CT35/45 - SM2316D @ 48V, 3:1 pulley offset**



\*Please see pages 16-20 for lifetime, moment loading and ball screw critical speed limitations for the VL Series actuators.

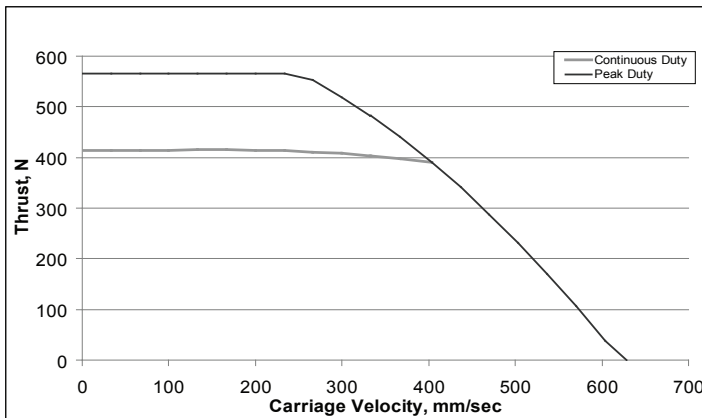
**VL-CT series - SM2315D @ 48V, 3:1 pulley offset**



\*15,000 hours of lifetime if operating at an average speed of 200 mm/s at or below a 28 kg load.

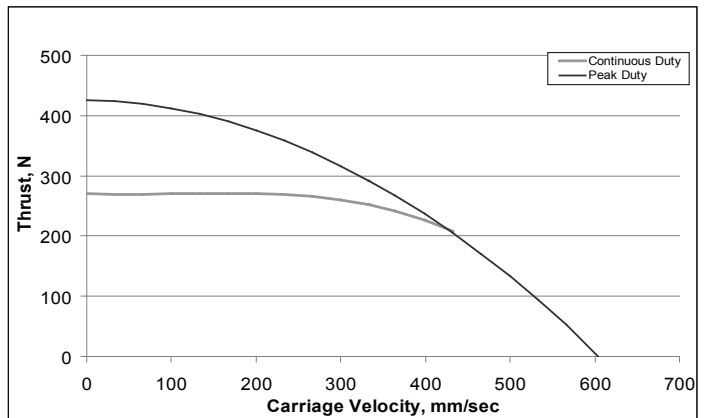
\*\*Please see pages 16-20 for lifetime, moment loading and ball screw critical speed limitations for the VL Series actuators.

**VL-CT35/45 - SM2316D @ 42V, 3:1 pulley offset**



\*Please see pages 16-20 for lifetime, moment loading and ball screw critical speed limitations for the VL Series actuators.

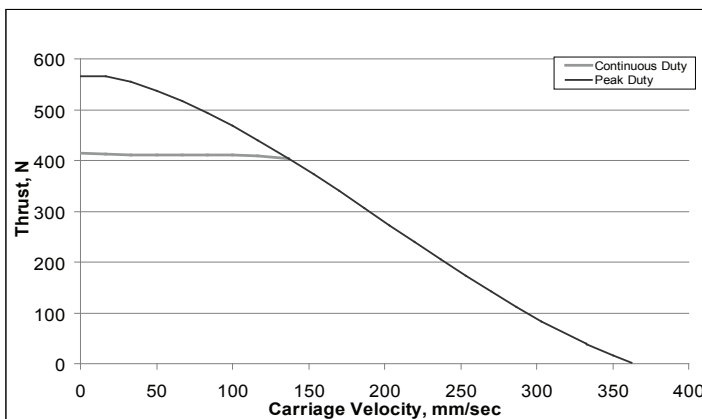
**VL-CT series - SM2315D @ 42V, 3:1 pulley offset**



\*15,000 hours of lifetime if operating at an average speed of 200 mm/s at or below a 28 kg load.

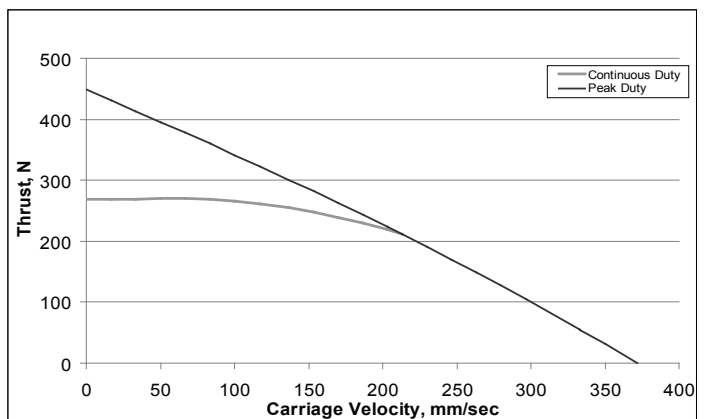
\*\*Please see pages 16-20 for lifetime, moment loading and ball screw critical speed limitations for the VL Series actuators.

**VL-CT35/45 - SM2316D @ 24V, 3:1 pulley offset**



\*Please see pages 16-20 for lifetime, moment loading and ball screw critical speed limitations for the VL Series actuators.

**VL-CT series - SM2315D @ 24V, 3:1 pulley offset**



\*15,000 hours of lifetime if operating at an average speed of 100 mm/s at or below a 35 kg load.

\*\*Please see pages 16-20 for lifetime, moment loading and ball screw critical speed limitations for the VL Series actuators.