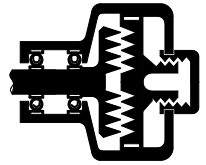


# Kinetrol Model N-CRD CR Dashpot



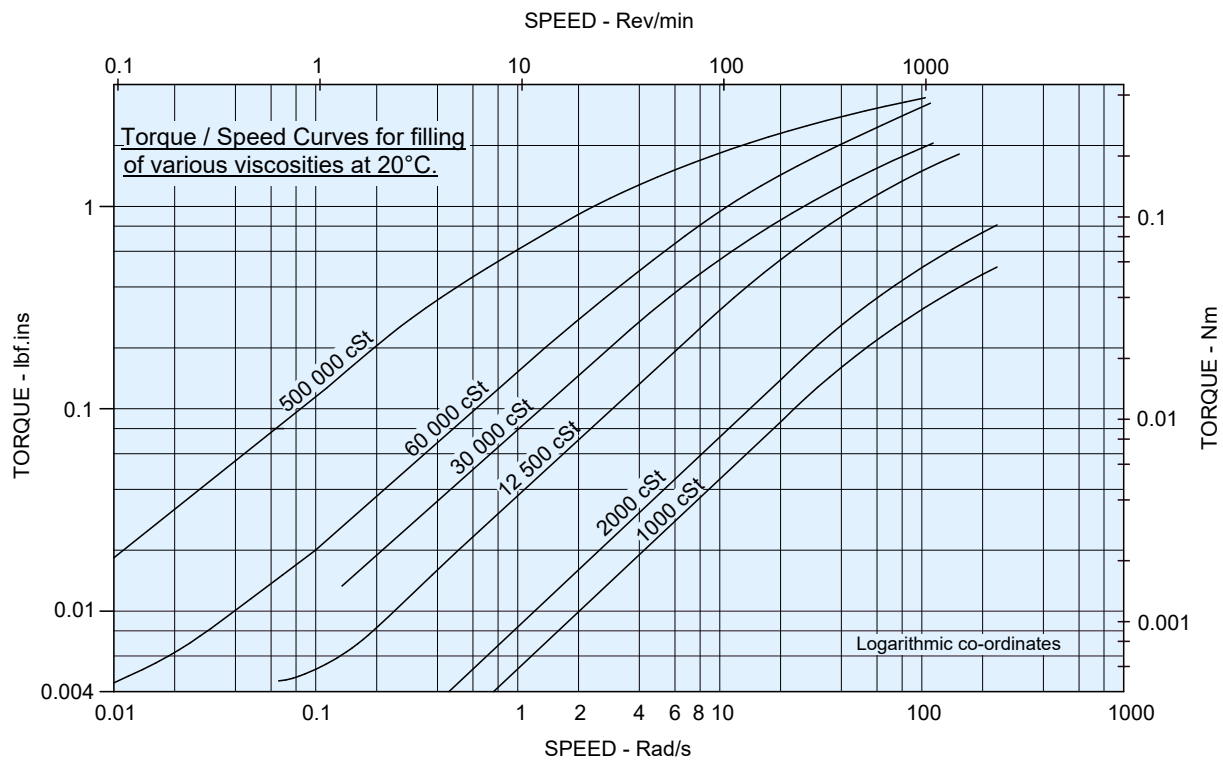
## Applications

Particularly suited to instrument and small precision machine applications. Pure viscous damping is produced by shear of a film of silicone fluid. The drum type rotor is supported at both ends by miniature ball races.

Typical applications include tension control, damping moving parts in small precision machines and detection of shaft rotation.

## Rates

Fixed - see curves ( $\pm 10\%$ )



## Viscosities Available

1,000; 2,000; 5,000; 12,500; 30,000; 60,000; 500,000 cSt.

Specification of fluid viscosity provides torque/speed characteristics shown by the curves above.

## Ordering Codes

**N – CRD – (Filling Viscosity)**

**Example:**

N – CRD – 60,000 has a 60,000 cSt filling.

# Kinetrol Model N-CRD CR Dashpot

## Specification

**Max. safe torque**  
0.4 Nm / 3.5 lbf.ins

**Max. shaft end load**  
13 N / 3 lbf

**Max. shaft side load**  
10 N / 2.2 lbf

**Ambient temperature range**  
0°C to 60°C (32°F to 140°F)

**Low frictional torque**  
0.002 Nm / 0.015 lbf.ins typical

**Shaft material**  
Stainless steel 431S29

**Body material**  
Zinc alloy Mazak 3

**Weight**  
34 g / 0.075 lbs

## Dimensions

Dimensions in mm.

