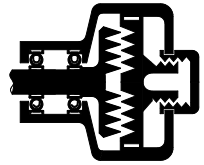


Kinetrol Model N-CRD CR Dashpot



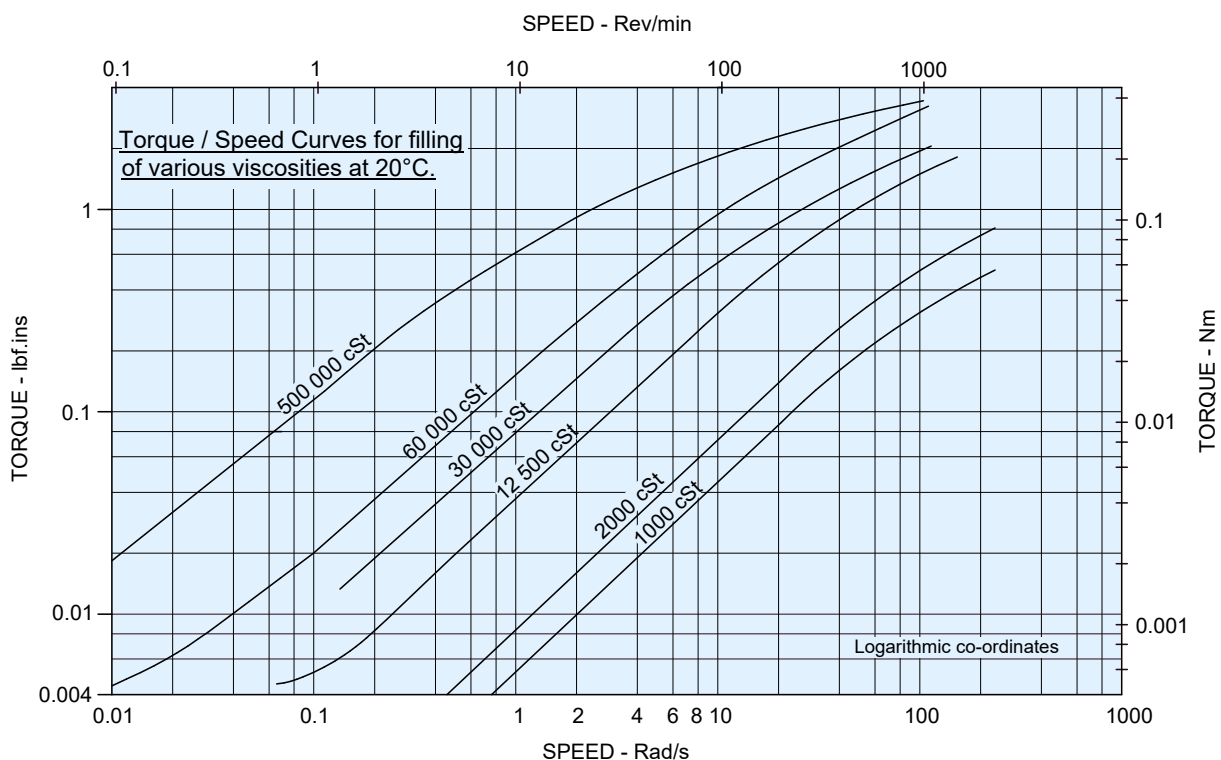
Applications

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.

