



530 Series Caliper Disc Brake

(9000 lb)

Model Numbers

Hydraulic Oil

* 01-530-904

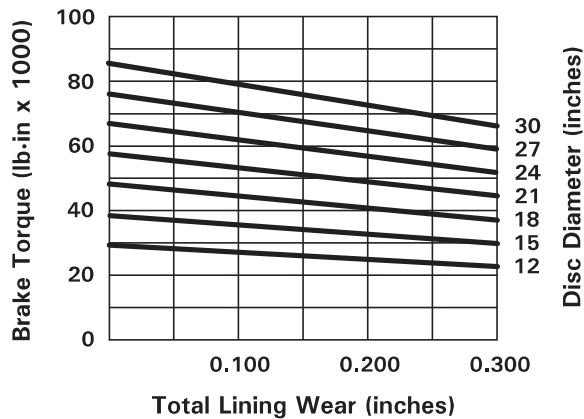
03-530-904

* No mounting bracket, contact ZF Off-Highway for mounting information.

DESCRIPTION

Floating caliper, spring apply, hydraulic release design.

The brake shown is designed to operate as parking and/or emergency brake. If your application requires rapid cycling please consult ZF Off-Highway Solutions Minnesota Inc. for recommendations and other model numbers.



SPECIFICATIONS

- **Disc diameter:** 9 inch to unlimited
- **Disc thickness:** 0.50 inch
- **Total lining contact area:** 9.40 inch²
- **Continuous duty pressure:** 2000 PSI
- **Intermittent duty pressure:** 2500 PSI
- **Full retraction volume:** 4.53 inch³ maximum
- **Caliper material:** ductile iron
- **Caliper finish:** zinc chromate yellow
- **Usable lining thickness:** 0.15 inch
- **Lining material:** non-asbestos, lead free
- **Porting:** No. 4 SAE o-ring port per SAE J1926/1: 7/16-20
- **Approximate weight:** 37 lb

TORQUE FORMULA (Bt = Brake Torque)

Bt (new) = 6225 x (Disc Radius - 1.31)

Bt (worn) = 4895 (Disc Radius - 1.31)

Complete Retraction Pressure: 1000 PSI

NOTE: Maximum torque achieved only after brake has been properly adjusted and burnished, see Technical Notice (form no. 81-950-016).

