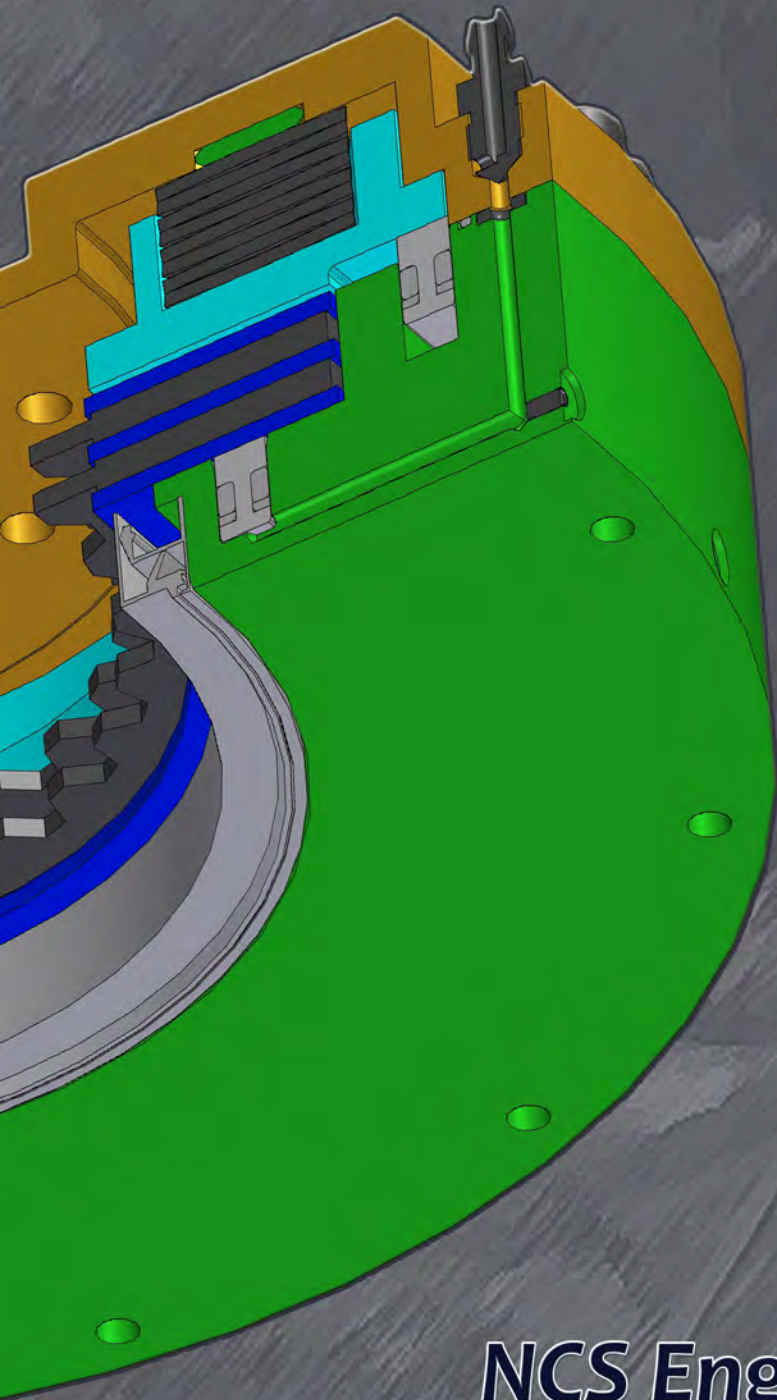


MAXiMB

Failsafe Braking Systems

Providing

PEACE of MIND



2000 SERIES

LDVs

NCS Engineering

Tel: +27 (11) 814 6407 Fax: +27 (11) 814 1145

www.maximb.co.za



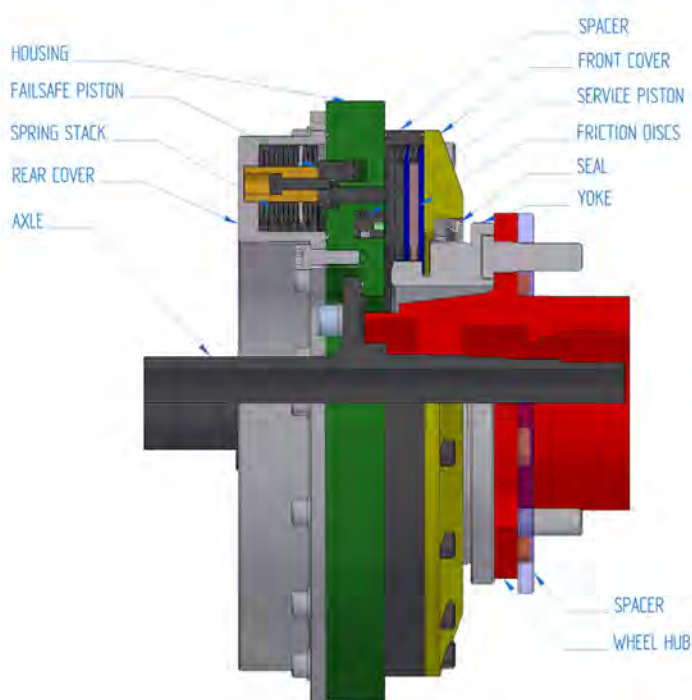
Operating Principle

The brake is a sealed liquid cooled unit which works on the principle of oil shear between the rotating and stationary components. The unit has separate service and failsafe system providing a very robust and safe solution for safety critical items such as the brakes used underground.

Service braking: Service brake is applied by exerting pressure using the standard foot brake valve.

Emergency braking: The emergency brakes will apply when the emergency/park brake valve is actuated by the operator and/or when the engine of the vehicle stalls or is switched off.

200 Series Schematic



Specifications

Number of Discs	2
Service Brake Torque @ 5 Mpa	2007 Nm
Failsafe Brake Torque (New Linings)	1486 Nm
Failsafe Brake Torque (Worn Linings)	1006 Nm

Customer References

Anglo Platinum, Anglo Base Metals, Anglo Coal, Aquarius Mines, Eastern Platinum, Harmony, BHP Billiton, Implats, Xstrata, Exxaro, Barlow World Equipment, Caterpillar, Sasol Mining

Technical Features

Fully enclosed, oil immersed system.

Failsafe braking system meeting mining standards.

External wear pin indicator showing friction disc wear.

The system is SABS approved to SANS 1589.

Fitment Features

Simple interfacing with minimal OEM product modifications.

Ease of fitment.

Low fitment cost with minimal production downtime.

24 Hour Field service Backup.

Other System Features

Affordability.

Wheel end failsafe solution.

Low operational costs.

Low maintenance costs.

Low service exchange cost and turnaround time.

Typical Fitments



Toyota Dyna 4093/5103/
6103/7103



Landcruiser 45, 60, 75, 80,
95, 180 series



Toyota Hilux 2x4, 4x4, SUV



Isuzu 4x2, 4x4, 2005 onwards



Nissan Hardbody 4x2, 4x4,
Patrol

...plus
Toyota Conдор 4x2, 4x4 and
other adaptations.