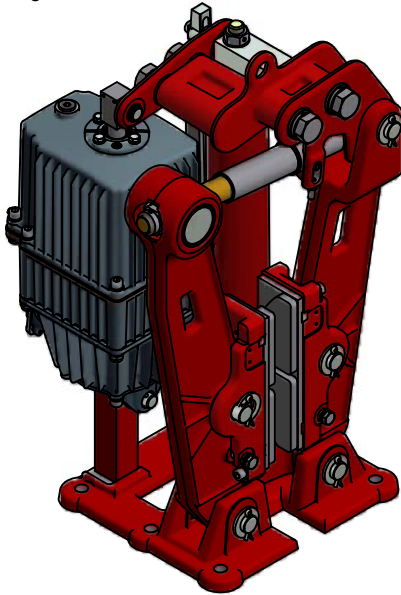


Inventor Drawing



FEATURE	CODE
Thruster disc brake	TDB
Disc brake size	MD23
Disc OD (mm)	500
Disc thickness (mm)	30
Thruster size	050
Thruster stroke (mm)	060
Braking capacity (Nm)	01430

Example for ordering	TDB-MD23-500-30-050-060-01430
----------------------	-------------------------------

TECHNICAL DATA

Max. braking torque, $\mu=0.4$ static (Nm)	1430
Max. braking torque, $\mu=0.35$ dynamic (Nm)	1250
Maximum coupling hub diameter (mm)	260
Disc OD (mm)	500
Disc thickness (mm)	30
Max. contact force F_c (N)	8500
Temperature range (°C)	-20 to +70
Mounting holes	6 x Ø18
Mounting bolts	6 x M16
Pad area (each pad) (cm ²)	135
Maximum allowable pad wear (mm)	8
Weight of brake (no thruster) (kg)	87
Weight of brake (with thruster) (kg)	110
Standard painting color CARMINE RED	RAL #3002

NOMINAL SPECIFICATION

All brakes come standard with self centring mechanism, manual release mechanism, automatic adjuster, proximity switch to indicate break release.

Brakes are built to same handing as shown

NOTES

All figures are nominal figures only

All dimensions are in millimeters

