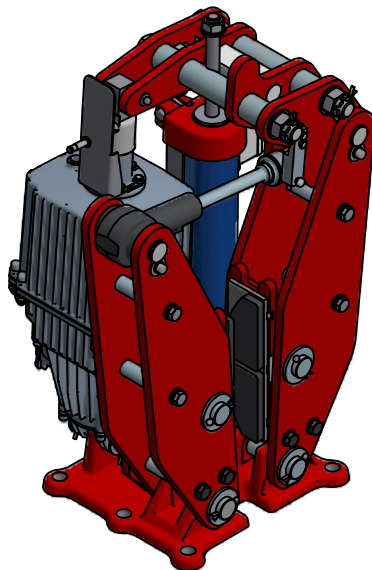


Inventor Drawing



FEATURE	CODE
Thruster disc brake	TDB
Disc brake size	M28
Disc OD (mm)	0630
Disc thickness (mm)	30
Thruster size	301
Thruster stroke (mm)	060
Braking capacity (Nm)	09750

Example for ordering	TDB-M28-0630-30-301-060-09750
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TECHNICAL DATA

Max. braking torque, $\mu=0.4$ static (Nm)	9750
Max. braking torque, $\mu=0.35$ dynamic (Nm)	8530
Maximum coupling hub diameter (mm)	300
Disc OD (mm)	630
Disc thickness (mm)	30
Max. contact force F_c (N)	46000
Temperature range (°C)	-20 to +70
Mounting holes	6 x Ø27
Mounting bolts	6 x M24
Pad area (each pad) (cm ²)	205
Maximum allowable pad wear (mm)	10
Weight of brake (no thruster) (kg)	150
Weight of brake (with thruster) (kg)	190
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

