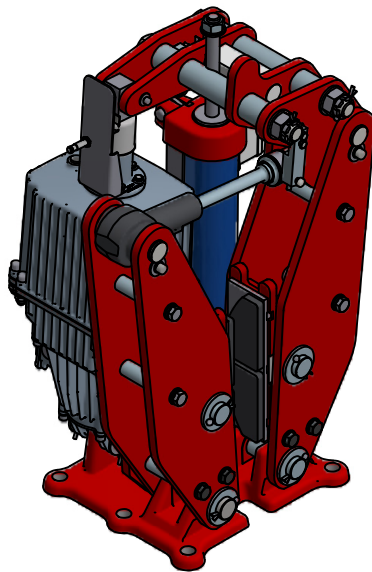


## Inventor Drawing



| FEATURE               | CODE  |
|-----------------------|-------|
| Thruster disc brake   | TDB   |
| Disc brake size       | M28   |
| Disc OD (mm)          | 0800  |
| Disc thickness (mm)   | 30    |
| Thruster size         | 301   |
| Thruster stroke (mm)  | 060   |
| Braking capacity (Nm) | 12880 |

|                             |                                      |
|-----------------------------|--------------------------------------|
| <b>Example for ordering</b> | <b>TDB-M28-0800-30-301-060-12880</b> |
|-----------------------------|--------------------------------------|

## TECHNICAL DATA

|                                              |            |
|----------------------------------------------|------------|
| Max. braking torque, $\mu=0.4$ static (Nm)   | 12880      |
| Max. braking torque, $\mu=0.35$ dynamic (Nm) | 11270      |
| Maximum coupling hub diameter (mm)           | 360        |
| Disc OD (mm)                                 | 800        |
| 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 <sup>2</sup> )       | 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

