

Hillmar

Hillmar Industries Ltd.

7371 Vantage Way
Delta, BC V4G 1C9
P:604 946-7115 F:604 946-0329
info@hillmar.com www.hillmar.com

THRUSTER DB M28
TDB-M28-0710-30-121-060-04760

SPECIFICATION SHEET

SLS & MKTG

ENGLISH

Sheet Number:

Job Number:

Form Number:

429-160-62612PT

Company / Project Reference:

Date.:

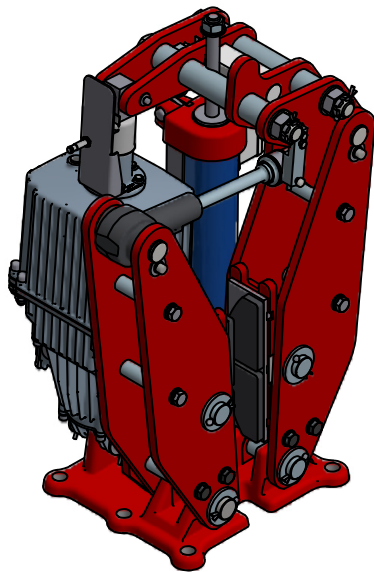
Page.:

1 OF 1

Document Package No.:

Rev.:

Inventor Drawing



FEATURE	CODE
Thruster disc brake	TDB
Disc brake size	M28
Disc OD (mm)	0710
Disc thickness (mm)	30
Thruster size	121
Thruster stroke (mm)	060
Braking capacity (Nm)	04760

Example for ordering	TDB-M28-0710-30-121-060-04760
----------------------	-------------------------------

TECHNICAL DATA

Max. braking torque, $\mu=0.4$ static (Nm)	4760
Max. braking torque, $\mu=0.35$ dynamic (Nm)	4160
Maximum coupling hub diameter (mm)	360
Disc OD (mm)	710
Disc thickness (mm)	30
Max. contact force F_c (N)	19500
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

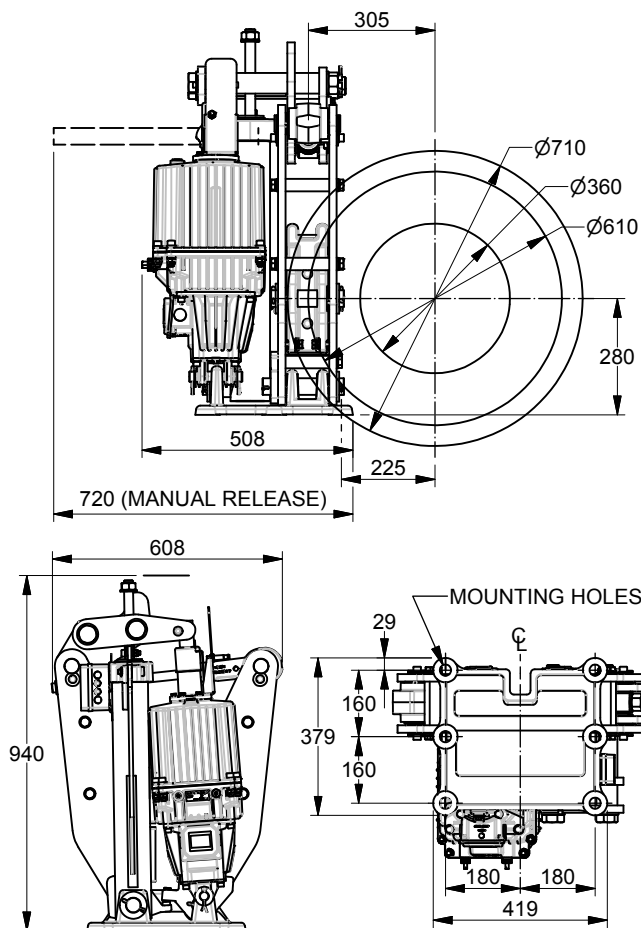
All brakes come standard with self centring mechanism, manual release mechanism, automatic adjuster, proximity switch to indicate break release.

Brakes are built to same handing as shown

NOTES

All figures are nominal figures only

All dimensions are in millimeters



Document Template #710-101-62058

** ALL TECHNICAL DATA IS SUBJECT TO CHANGE WITHOUT NOTICE **

Hillmar works have a fully registered ISO 9001-2008 quality assurance programme (QCB #01-1525)

Storm Brakes • Thruster Disc Brakes • Thruster • Industrial Disc Brakes • Hydraulic Power Units • Cable Reels

C:\TEMP\b54720d5-484b-4039-b033-3abee264b98a\80000529058\HILLMAR\HILLMAR PRODUCTION\04 THRUSTER DB\0700-407004001 TDB-MD\SPC-SHT-TDB-MD\62612 TDB-M28-0710-30-121-060-04760.idw