

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 MD16
TDB-MD16-RH-450-20-030-050-00555

THRUSTER DB
SLS & MKTG
ENGLISH

Sheet Number:

Job Number:

Form Number:

429-140-64939PT

Company / Project Reference:

Date.:

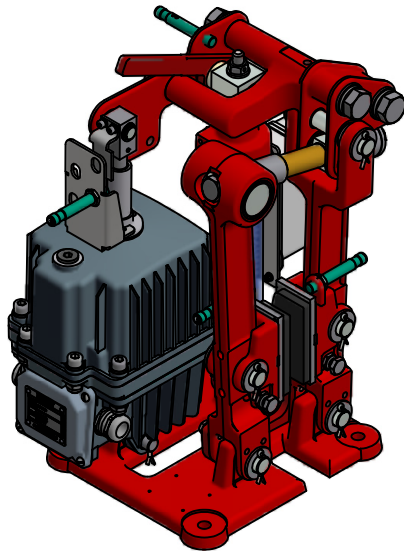
Page.:

1 OF 1

Document Package No.:

Rev.:

Inventor Drawing



FEATURE	CODE
Thruster disc brake	TDB
Disc brake size	MD16-RH
Disc OD (mm)	450
Disc thickness (mm)	20
Thruster size	030
Thruster stroke (mm)	050
Braking capacity (Nm)	00555

Example for ordering TDB-MD16-RH-450-20-030-050-00555

TECHNICAL DATA

Max. braking torque, $\mu=0.4$ static (Nm)	555
Max. braking torque, $\mu=0.35$ dynamic (Nm)	484
Maximum coupling hub diameter (mm)	305
Disc OD (mm)	450
Disc thickness (mm)	20
Max. contact force F_c (N)	3500
Temperature range (°C)	-20 to +70
Mounting holes	4 x Ø14
Mounting bolts	4 x M12
Pad area (each pad) (cm ²)	47.2
Maximum allowable pad wear (mm)	7
Weight of brake (no thruster) (kg)	29
Weight of brake (with thruster) (kg)	42
Standard painting color CARMINE RED	RAL #3002

NOMINAL SPECIFICATION

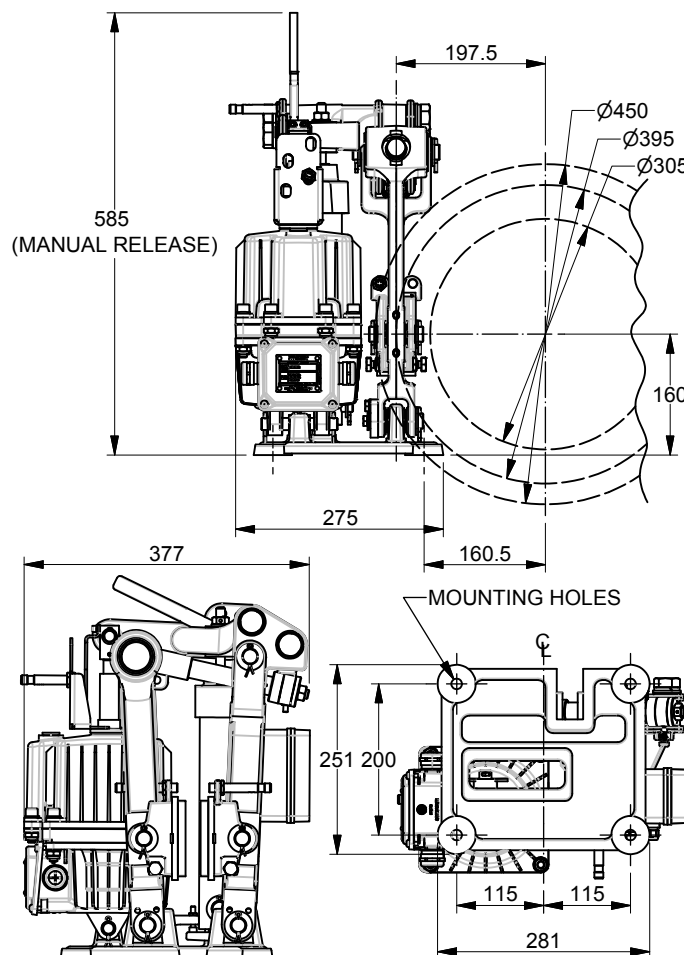
All brakes come standard with self centring mechanism, manual release mechanism, automatic adjuster, proximity switch to indicate break release.

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:\Vault_Workspace\HILLMAR\HILLMAR PRODUCTION\04 THRUSTER DB\0700-407004001 TDB-MD02 SPC-SHT-TDB-MD64939 TDB-MD16-450-20-030-050-00555.idw