

Hillmar

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THRUSTER DB MD16
TDB-MD16-LH-500-20-023-050-00445

THRUSTER DB
SLS & MKTG
ENGLISH

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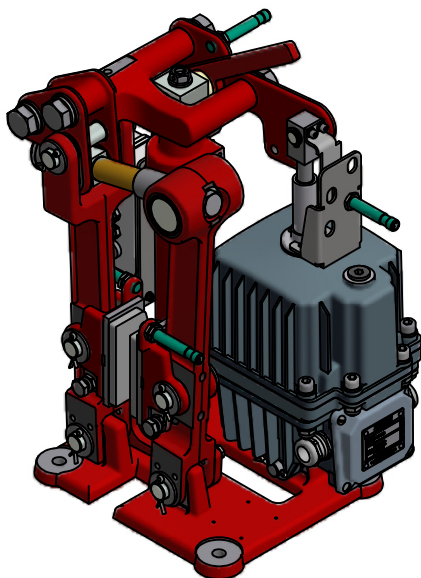
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Document Package No.:

Rev.:

Inventor Drawing



FEATURE	CODE
Thruster disc brake	TDB
Disc brake size	MD16-LH
Disc OD (mm)	500
Disc thickness (mm)	20
Thruster size	023
Thruster stroke (mm)	050
Braking capacity (Nm)	00445

Example for ordering **TDB-MD16-LH-500-20-023-050-00445**

TECHNICAL DATA

Max. braking torque, $\mu=0.4$ static (Nm)	445
Max. braking torque, $\mu=0.35$ dynamic (Nm)	389
Maximum coupling hub diameter (mm)	355
Disc OD (mm)	500
Disc thickness (mm)	20
Max. contact force F_c (N)	2500
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

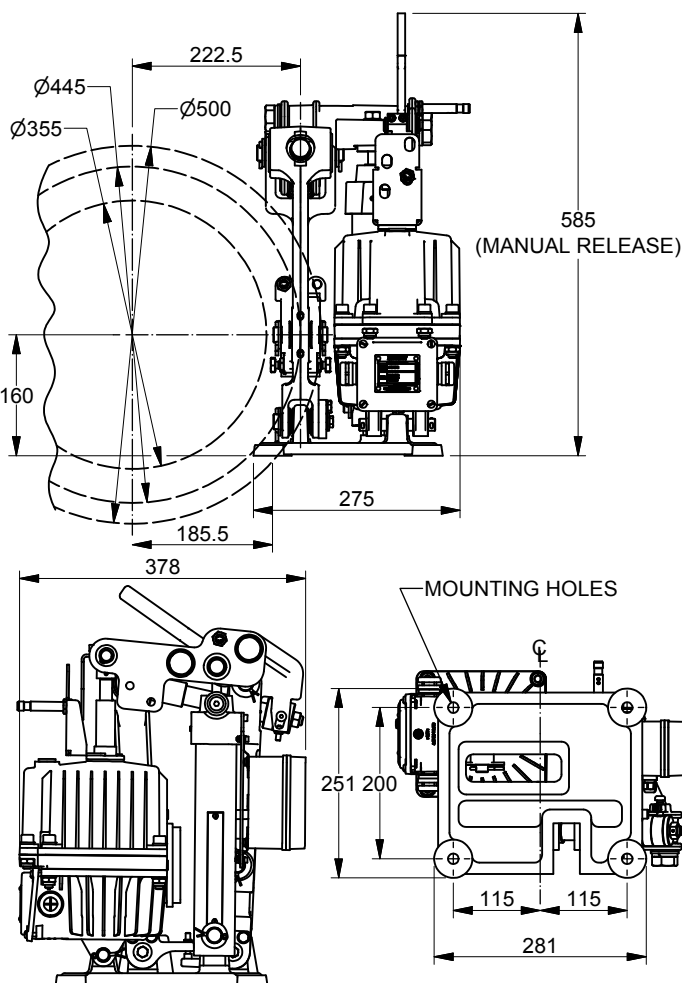
All brakes come standard with self centring mechanism, manual release mechanism, automatic adjuster, proximity switch to indicate break release.

Brakes are built to same handing as shown

NOTES

All figures are nominal figures only

All dimensions are in millimeters



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** 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

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