

Hillmar

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THRUSTER DB MD20
TDB-MD20-400-30-050-060-00960

SPECIFICATION SHEET

SLS & MKTG

ENGLISH

Sheet Number:

Job Number:

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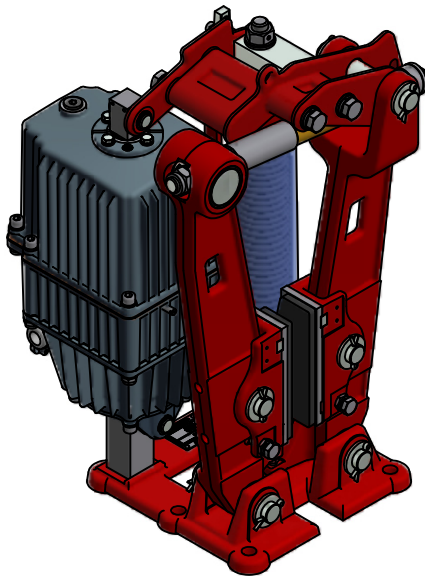
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Document Package No.:

Rev.:

Inventor Drawing



FEATURE	CODE
Thruster disc brake	TDB
Disc brake size	MD20
Disc OD (mm)	400
Disc thickness (mm)	30
Thruster size	050
Thruster stroke (mm)	060
Braking capacity (Nm)	00960

Example for ordering	TDB-MD20-400-30-050-060-00960
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TECHNICAL DATA

Max. braking torque, $\mu=0.4$ static (Nm)	960
Max. braking torque, $\mu=0.35$ dynamic (Nm)	840
Maximum coupling hub diameter (mm)	200
Disc OD (mm)	400
Disc thickness (mm)	30
Max. contact force F_c (N)	7500
Temperature range (°C)	-20 to +70
Mounting holes	4 x Ø18
Mounting bolts	4 x M16
Pad area (each pad) (cm ²)	94
Maximum allowable pad wear (mm)	7
Weight of brake (no thruster) (kg)	60
Weight of brake (with thruster) (kg)	85
Standard painting color CARMINE RED	RAL #3002

NOMINAL SPECIFICATION

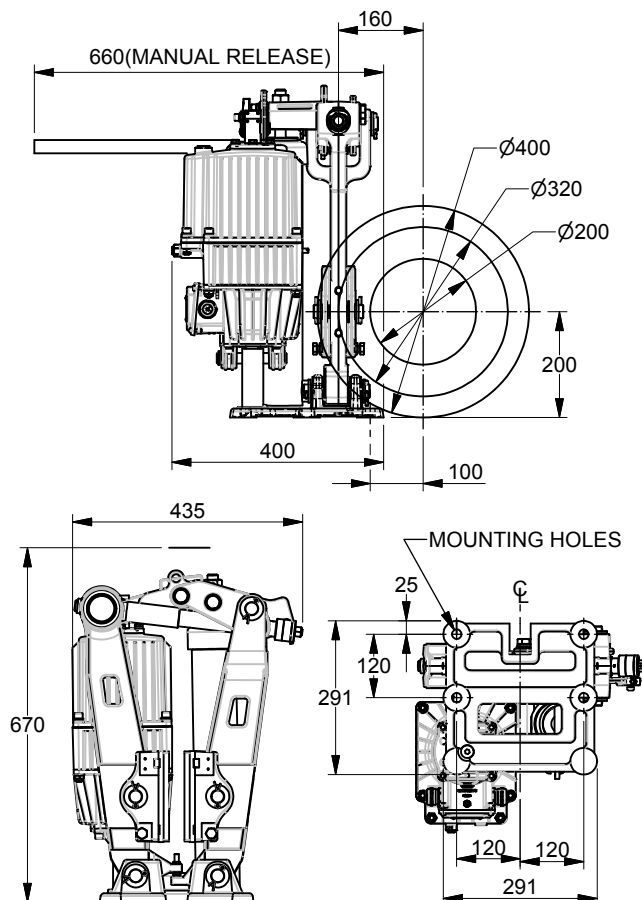
All brakes come standard with self centring mechanism, manual release mechanism, automatic adjuster, proximity switch to indicate break release.

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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