

Hillmar

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THRUSTER DB MD20
TDB-MD20-560-30-080-060-02690

SPECIFICATION SHEET

SLS & MKTG

ENGLISH

Sheet Number:

Job Number:

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Date.:

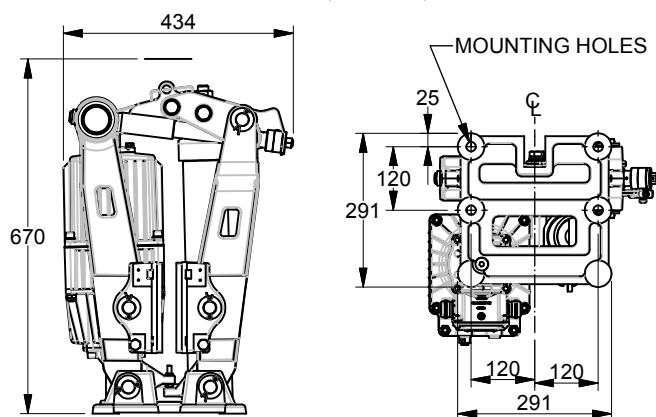
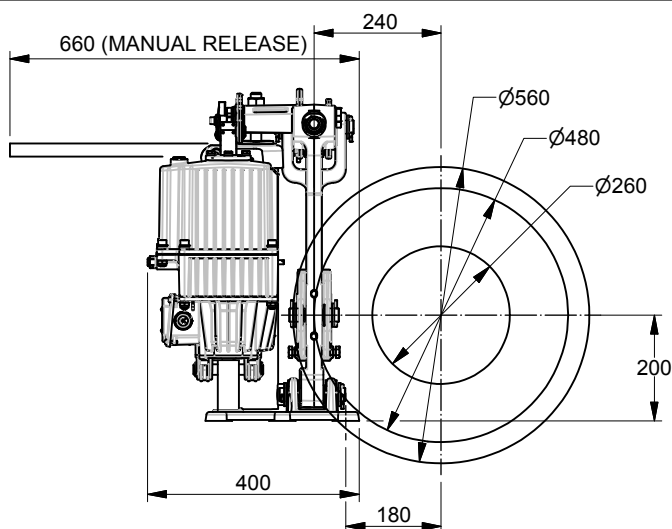
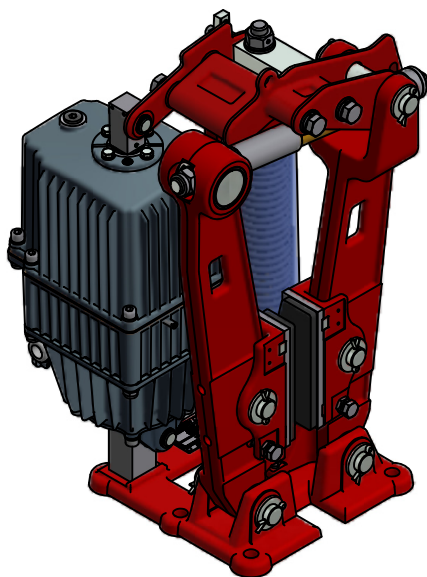
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Rev.:

Inventor Drawing



FEATURE	CODE
Thruster disc brake	TDB
Disc brake size	MD20
Disc OD (mm)	560
Disc thickness (mm)	30
Thruster size	080
Thruster stroke (mm)	060
Braking capacity (Nm)	02690

Example for ordering	TDB-MD20-560-30-080-060-02690
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TECHNICAL DATA

Max. braking torque, $\mu=0.4$ static (Nm)	2690
Max. braking torque, $\mu=0.35$ dynamic (Nm)	2350
Maximum coupling hub diameter (mm)	260
Disc OD (mm)	560
Disc thickness (mm)	30
Max. contact force F_c (N)	14000
Temperature range ($^{\circ}\text{C}$)	-20 to +70
Mounting holes	4 x $\varnothing 18$
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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