

Hillmar

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THRUSTER DB M37
TDB-M37-0900-30-301-120-28000
SPECIFICATION SHEET
SLS & MKTG
ENGLISH

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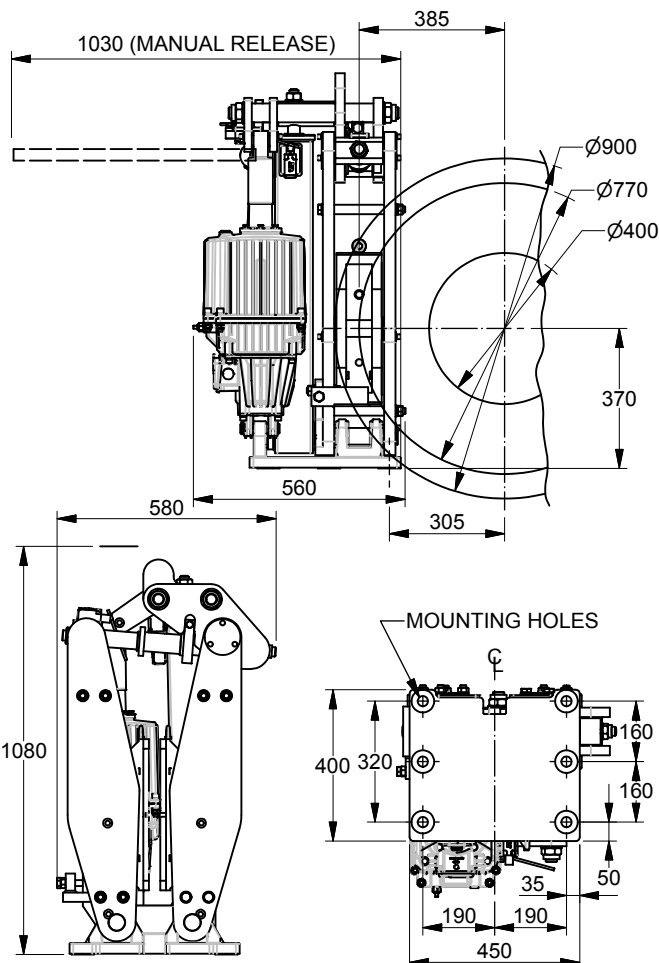
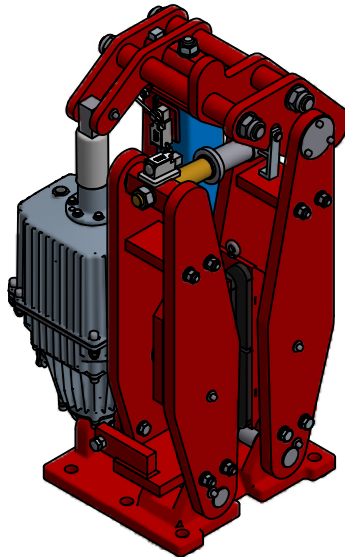
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Rev.:

Inventor Drawing



FEATURE	CODE
Thruster disc brake	TDB
Disc brake size	M37
Disc OD (mm)	0900
Disc thickness (mm)	30
Thruster size	301
Thruster stroke (mm)	120
Braking capacity (Nm)	28000

Example for ordering	TDB-M37-0900-30-301-120-28000
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TECHNICAL DATA

Max. braking torque, $\mu=0.4$ static (Nm)	28020
Max. braking torque, $\mu=0.35$ dynamic (Nm)	24520
Maximum coupling hub diameter (mm)	400
Disc OD (mm)	900
Disc thickness (mm)	30
Max. contact force F_c (N)	91000
Temperature range ($^{\circ}\text{C}$)	-20 to +70
Mounting holes	6 x $\varnothing 27$
Mounting bolts	6 x M24
Pad area (each pad) (cm^2)	360
Maximum allowable pad wear (mm)	10
Weight of brake (no thruster) (kg)	235
Weight of brake (with thruster) (kg)	275
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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