

Hillmar

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RAIL BRAKE RBHS RBHS-STSR-100-050 SPECIFICATION SHEET SLS & MKTG ENGLISH

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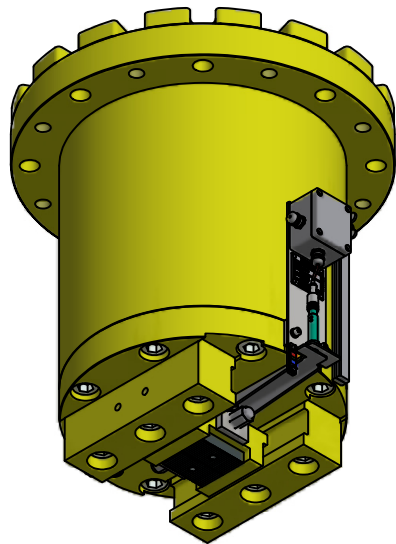
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Document Package No.: Rev.:

Inventor Drawing

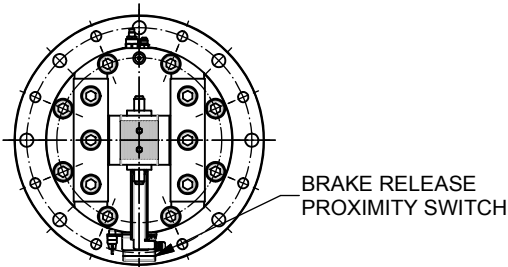
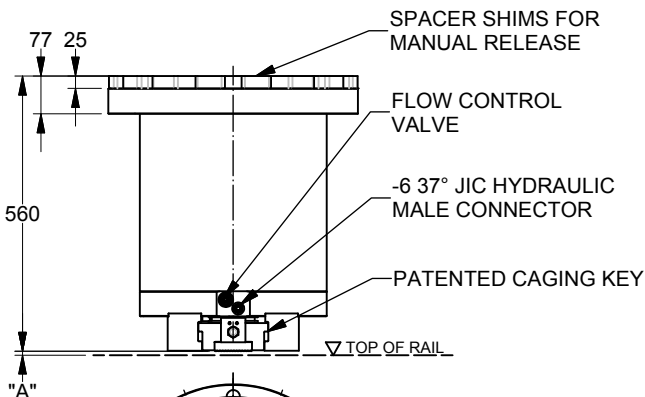
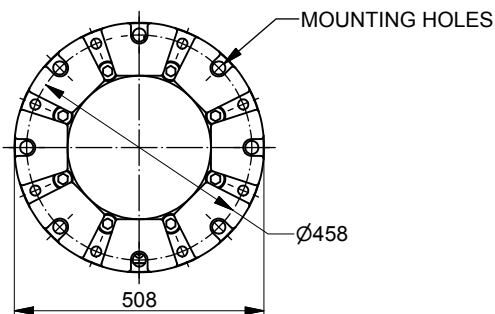


FEATURE	CODE
Rail brake static	RBHS
Single rail	STSR
Capacity (kN)	100
Coefficient of friction	050

Example for ordering	RBHS-STSR-100-050
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TECHNICAL DATA

Motor size (kw)	0.75
Total available stroke (mm)	20
Full stroke oil volume (l)	1.1
Release pressure (nominal) (MPa)	5.5
Max. operating pressure (MPa)	7.6
Hydraulic connection T1	-6 37° JIC
Temperature range (°C)	-20 to +70
Mounting holes	8 x Ø27
Mounting bolts	8 x M24 GR 8
Weight with out oil (kg)	400



OPERATING RANGE

Retracted clearance "A"	Applied force kN	Holding force kN @ $\mu=0.5$
0	312	156
4	292	146
6	282	141
* 8	270	135
10	260	130
12	250	125

NOTES

Caging key allows the rail brake to be held in released position.

International patent applies.

All figures are nominal figures only.

All dimensions are in millimeters .

Shaded area identifies safe operating range.

* Nominal recommended retracted clearance = 8mm.

Spring life @ nominal retracted clearance >1,400,000 cycles.

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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)

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