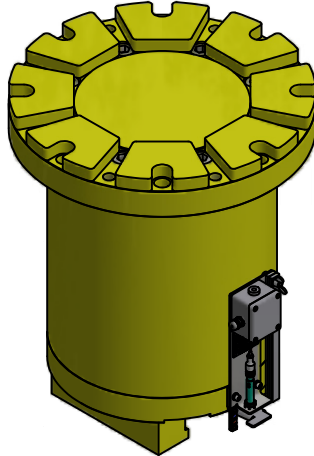


Inventor Drawing



FEATURE	CODE
Rail brake static	RBHS
Single rail	STSR
Capacity (kN)	200
Coefficient of friction	050

Example for ordering	RBHS-STSR-200-050
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TECHNICAL DATA

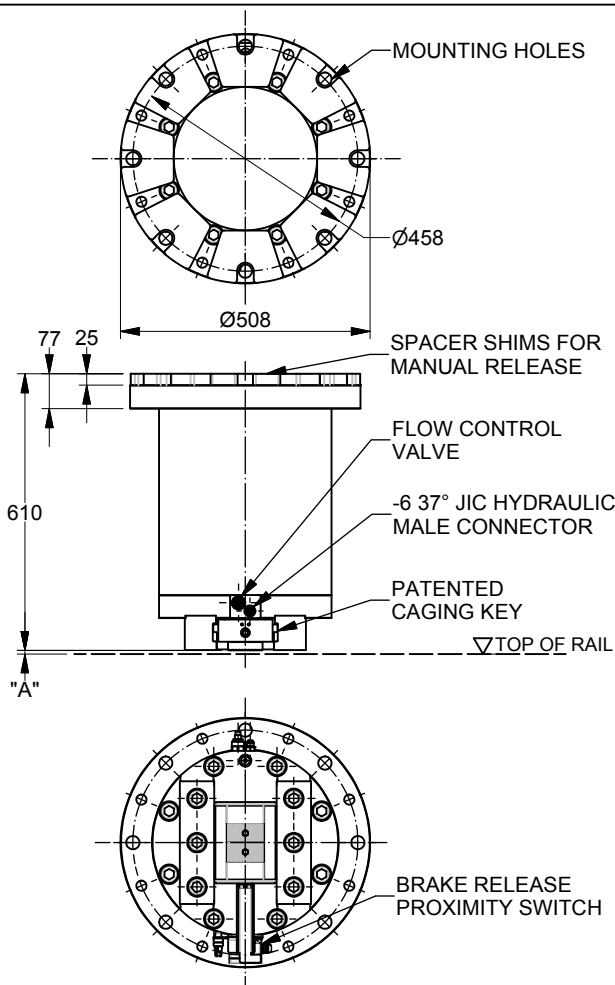
Motor size (kw)	1.5
Total available stroke (mm)	20
Full stroke oil volume (l)	1.3
Release pressure (nominal) (MPa)	8.5
Max. operating pressure (MPa)	10.1
Temperature range (°C)	-20 to +70
Hydraulic connector	-6 37° JIC
Mounting holes	8 x Ø27
Mounting bolts	8 x M24 GR 8.8
Weight without oil (kg)	470

OPERATING RANGE

Retracted clearance "A"	Applied force kN	Holding force kN @ $\mu=0.5$
0	536	268
6	434	217
* 8	400	200
10	364	182

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 >1,580,000 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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