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WHEEL BRAKE WBHD
WBHD-DT-RH-030-140-240
SPECIFICATION SHEET
SLS & MKTG
ENGLISH

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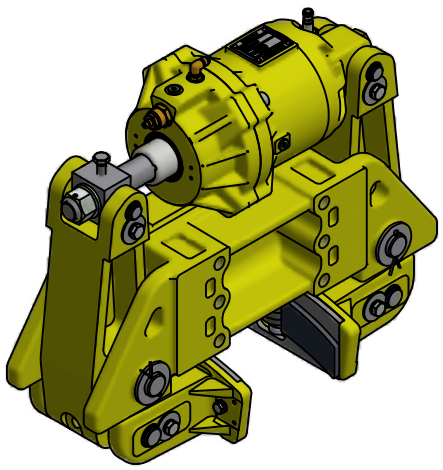
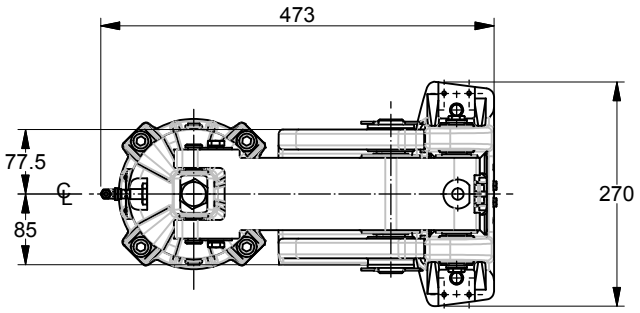
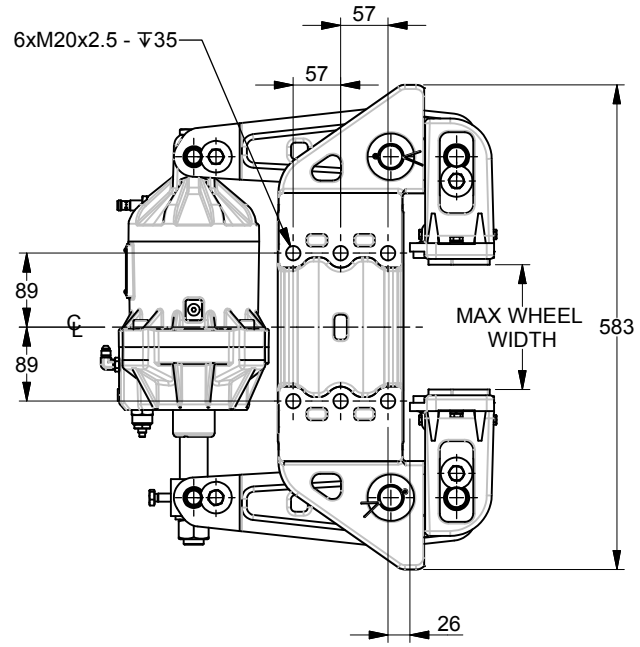
Inventor Drawing







FEATURE	CODE
Wheel brake dynamic	WBHD-DT
Capacity (kN)	030
Right handing	RH
Wheel width (mm)	140-240

Example for ordering	WBHD-DT-RH-030-140-240

TECHNICAL DATA	
Clamping force Fc (kN)	30
Braking force Fb(KN), Fb=2 x Fc x μ	30
Total available stroke (mm)	20
Working stroke (mm)	6
Working stroke oil volume (l)	0.026
Release pressure (MPa)	3.3
Pressure port connection	-4 ORB
Drain port connection	-4 ORB
Min. recommended pipe size	-4 JIC
Temperature range (°C)	-20 to +70
Max. operating pressure (MPa)	14
Mounting holes drilled and tapped	6 x M20
Mounting bolts	6 x M20
Total pad area (Flange 65mm) (cm^2)	177
Total pad area (Flange 75-95mm) (cm^2)	218
Maximum pad wear (mm)	6
Weight without oil (kg)	110
Wheel flange range (mm)	65-95
Maximum wheel width	240

NOTES

Wheel surfaces must be clean, parallel and machined to 3,2μm.

All machined surface must be kept clean to prevent brake contamination.

Actual published braking force may vary depending on friction factor and spring extension.

International patent apply.

All figures are nominal figures only.

All dimensions are in millimeters .

3D Model has been constrained for maximum wheel width

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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)