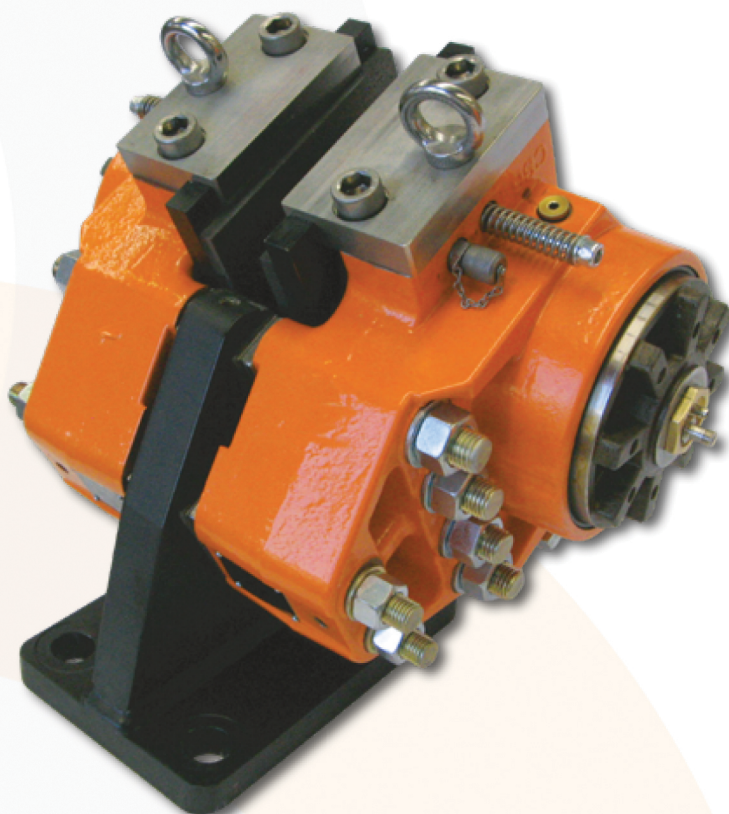


CSBH3000

The CSBH 3000 is a spring applied / hydraulic release brake caliper, fail-safe disc brake with a clamping force up to 160kN.

- Designed in Australia for the harsh mining and marine environments.
- Mechanical safety lockout
- On / Off and pad wear proximity switches on both caliper halves
- Organic or sintered metal brake pads.



COMMON FEATURES

Weight excl. Bracket (kg)	130
Bracket Weight (kg)	28
Brake pad width (mm)	200
Area brake pad Organic cm ²	596
Max wear of pad Sintered Metal cm ²	360
Max wear of pad half mm	10
Pressure connection ports BSPP	2x1/4"
Drain connection ports BSPP	2x1/8"
Min pipe size (mm,ID)	8
Max operating pressure (bar)	230
Temperature range °C	-20 to 70
Minimum Disc thickness (mm)	20
Minimum Disc diameter (mm)	800
Max outer coupling diameter (mm) = disc diameter less	412

Caliper Model	Clamping Force N	Braking Force N	% Force loss/mm	Balance Pressure @ 1mm bar	Pressure at full retraction bar
3010	10000	8000	4%	8	38
3020	20000	1600	3%	16	46
3030	30000	24000	4%	24	54
3040	40000	32000	1%	31	61
3050	50000	40000	4%	39	69
3060	60000	48000	3%	47	77
3070	70000	56000	6%	55	85
3080	80000	64000	3%	63	93
3090	90000	72000	3%	71	101
3100	100000	80000	6%	79	109
3110	110000	88000	6%	87	117
3120	120000	96000	5%	94	124
3150	150000	120000	8%	118	145
3160	160000	128000	7%	126	155

CSB CODE

CSB 3 010 30 D 100

BRAKE SERIES

200 Series	2xx
300 Series	3xx
3000H Series	3xxx
5000 Series	5xxx

SPRING FORCE kN

200 Series	0.5 to 12
300 Series	10 to 60
3000H Series	10 to 160
5000 Series	50 to 275

BRACKET OPTION

No Bracket	A
90° Bracket	B
Special Bracket	C
STD Bracket	D

DISK THICKNESS (mm)

STD = 30

DEVIATION CODE

No Switches	100
On / Off Switches Only	101
Pad Wear & On / Off Switches PNP	102
Pad Wear & On / Off V/F	105/115
4-20mA Switches	110

