

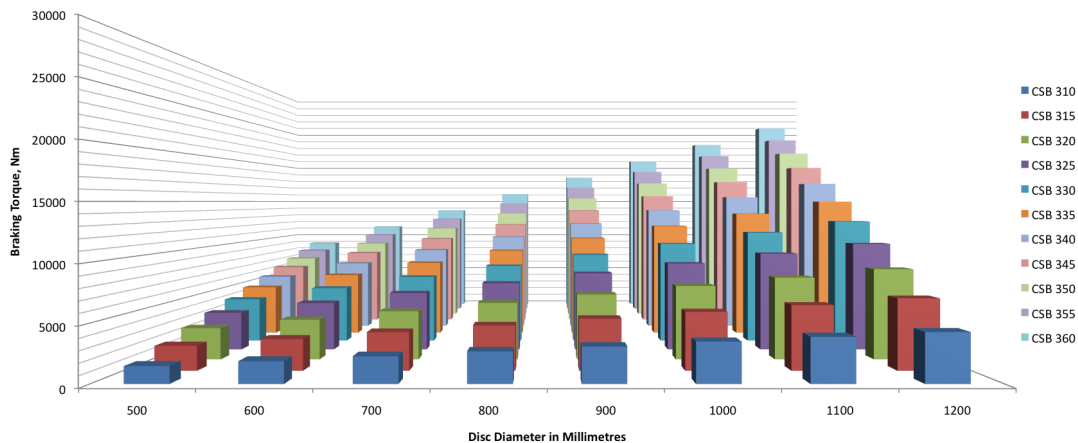


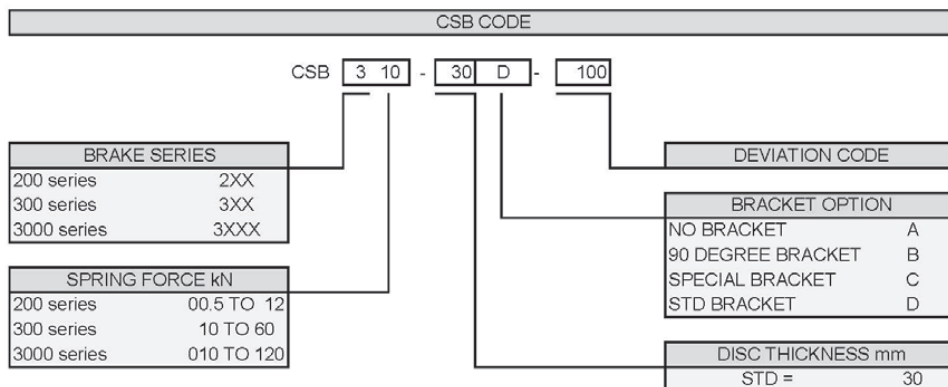
CSB 300

The CSB 300 is a spring applied and hydraulically released fail-safe disc brake with a clamping force up to 60KN.

- Designed in Australia for tough mining conditions
- Mechanical safety lockout
- Lower operating pressure
- Minimum moving parts
- Stainless steel adjusting screw and pad retainers
- Chromed stainless steel pistons
- Long life spring pack
- On / Off and pad wear proximity switches on both caliper halves
- Organic non-asbestos or sintered metal brake pads
- Brake suitable for marine and corrosive environments
- Custom designed power pack to operate the brake - available with various options

Brake Type and Size Selection





COMMON FEATURES	
Weight excl. Bracket (kg)	68
Bracket Weight (kg)	24
Brake pad width (mm)	130
Area brake pad Organic cm ²	290
Area brake pad Sintered Metal cm ²	200
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
Min. disc diam. (mm)	500
Max outer coupling diameter (mm) = disc diameter less	300

Caliper Model	Clamping Force N	Braking Force N	% Force loss/mm %	Balance Pressure @ 1mm bar	Pressure at full retraction bar
310	10000	8000	4%	14	16
312	12000	9600	3%	17	18
315	15000	12000	4%	22	23
317	17000	13600	2%	25	26
320	20000	16000	5%	29	34
322	22000	17600	5%	32	35
325	25000	20000	4%	36	39
327	27000	21600	3%	39	42
330	30000	24000	3%	43	47
335	35000	28000	4%	51	55
337	37000	29600	2%	54	57
340	40000	32000	4%	58	64
345	45000	36000	3%	65	69
350	50000	40000	6%	72	80
355	55000	44000	5%	80	86
360	60000	48000	4%	87	94

A = (DISC RADIUS + 195) X 0.707
 B = A-265
 TYPICAL FOR 30mm DISC

