

BEAVER 3G-V-SERIES INDUSTRIAL MANUAL CHAIN BLOCKS



Beaver 3G-V chain blocks with Safety Overload Clutch (Limiter)

- ▶ Beaver's 3G-V chain blocks feature a safety load limiting clutch protection which results in greater work safety when lifting. This range of Chain Blocks has been carefully developed to comply with Australian Standards. They are to be used for vertical lifts only as if they are side loaded or used horizontally, jamming of the load chain and damage to the blocks may occur.
- ▶ The V-Series Chain Block has all the features of the Beaver 3G lever blocks, but with extra features.
- ▶ The load chain is made of high resistance, Grade 80 Alloy Steel, black finish, heat treated, calibrated and marked according to International Standards ISO 3077 and ISO 1834.
- ▶ All Beaver Chain Block gears are fitted with industrial roller bearings.
- ▶ Incorporating a safety overload clutch (limiter) mechanism, an added safety precaution, as the hand chain stops operating when overloaded by approx. 30% more than the rated W.L.L to prevent severe overloading of the chain block.



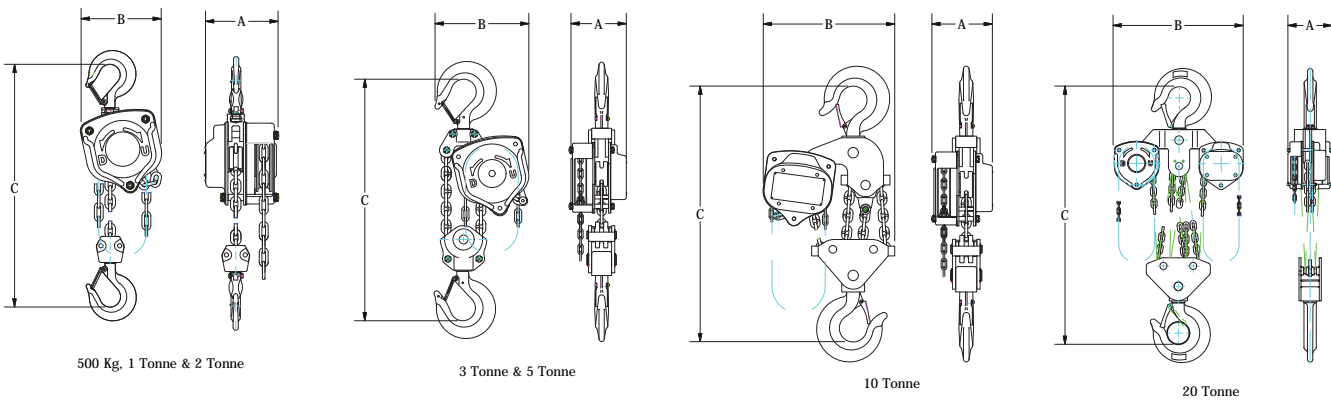
- ▶ Use of the safety overload clutch reduces downtime, repair costs and extends the service life of the chain block.
- ▶ Every Beaver 3G Industrial Chain Block is operationally tested to its rated capacity and is supplied with a Beaver test certificate, relating to its stamped identification side plate.
- ▶ Beaver 'ID' plates and rivets are supplied in stainless steel and non conductive material in order to avoid dangerous sparking, making them ideal for underground mining.
- ▶ A comprehensive range of spare parts are available, complete with full repair facilities and re-testing to NATA specifications.



Beaver 3G-V chain blocks with Safety Overload Clutch (Limiter)

Product Code	502053VM	502103VM	502203VM	502303VM	502503VM	502603VM	502703VM
Rated Capacity Tonne	0.5	1	2	3	5	10	20
Standard Lift (m)	3	3	3	3	3	3	3
Falls of Chain	1	1	1	2	2	4	8
Efforts to lift Rated Capacity (N)	231	309	320	360	414	420	870
Test Load (kN)	6.3	12.5	25	37.5	75	125	250
Nett Weight (kg)	7.75	11.9	18.5	24	42.4	78	162
Load Chain Diameter (mm)	5	6	10	8	10	10	10
Weight per extra metre lift (kg)	1.5	1.8	2.3	4.2	4.9	9.8	19.6
Clearance Dimensions (mm)							
A	115	143	152	148	181	181	209
B	136	156	198	182	266	365	625
C	270	317	414	465	636	798	890
D	25	27	39	38	48	57	81

Note: In addition to standard 3 and 6 metre lifts other chain lengths are available on request.



Spare Parts, see page 72.

BEAVER 3G INDUSTRIAL CHAIN BLOCKS



Beaver 3G Industrial Chain Blocks

Chain blocks are designed for use on monorails, jibs fixed installations and for maintenance use. They are to be used for vertical lifts only. If they are side loaded or used horizontally, jamming of the loader chain and damage to the blocks may occur.

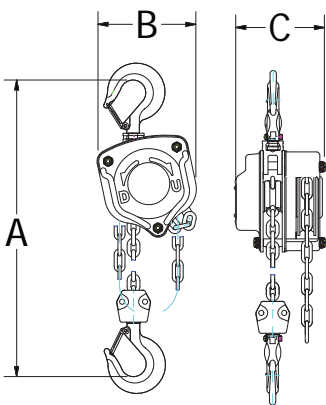
- Beaver 3G industrial chain blocks are colour coded to match international lifting standards for fast and accurate identification of W.L.L.
- The Beaver 3G Industrial Chain Block has improved reinforced side covers, made from heavy duty steel to ensure full protection of the vital gears, shafts and bearings.
- The load chain is made of high resistance, Grade 80 Alloy Steel, black finish, heat treated, calibrated and marked according to International Standards ISO 3077 and ISO 1834.
- All Beaver Chain Block gears are fitted with industrial Roller bearings.
- Strong and engineering designed gear on Ratchet gear part to ensure maximum performance and security.
- Machined and heat treated gears, offering better durability and longer life cycle.
- Superior Weston type friction braking system that works with load pressure and incorporates high strength twin synchronized pawls for additional safety ensuring that it cannot be free wheeled, extending the product life.
- The top and bottom hooks come with cast/heavy duty latches.
- Top and bottom hooks fitted with ball bearings to allow rotation under load.
- Every Beaver 3G Industrial Chain Block is operationally tested to its rated capacity and is supplied with a Beaver test certificate, relating to its stamped identification side plate.
- Beaver 'ID' plates and rivets are supplied in stainless steel and non conductive material in order to avoid dangerous sparking, making them ideal for underground mining.
- A comprehensive range of spare parts are available, complete with full repair facilities and re-testing to NATA specifications.



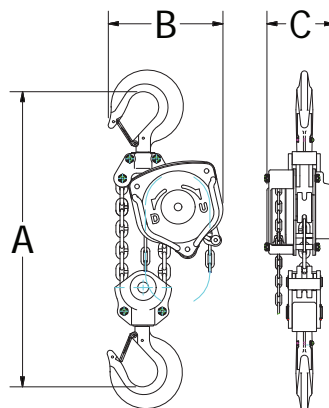
Beaver 3G Industrial Manual Chain Blocks

Complies to AS 1418.2 and approved Colour Coded to Match International Lifting Standard.

Product Code	500053M	500056M	500103M	500106M	500203M	500206M	500303M	500306M
Rated Capacity (kg)	500	500	1000	1000	2000	2000	3000	3000
Colour Code	White	White	Violet	Violet	Green	Green	Yellow	Yellow
Standard Lift (m)	3	6	3	6	3	6	3	6
Falls of Chain	1	1	1	1	1	1	2	2
Efforts to lift full load (kg)	21	21	33	33	36	36	39	39
Net Weight (kg)	8	13	11	17	25	35	26	37
Hand Chain Overhauled to lift load one metre	32	32	39	39	77	77	154	154
Load Chain Diameter (mm)	5	5	6	6	10	10	8	8
Dimensions mm								
A (Headroom)	290	290	340	340	450	450	500	500
B (Width)	142	142	170	170	240	240	205	205
C (Depth)	114	114	135	135	128	128	155	155
D (Diameter)	128	128	150	150	218	218	185	185
Hook opening (upper)	23	23	28	28	35	35	39	39
Hook opening (lower)	23	23	28	28	35	35	39	39



500 Kg, 1 Tonne & 2 Tonne



3 Tonne & 5 Tonne



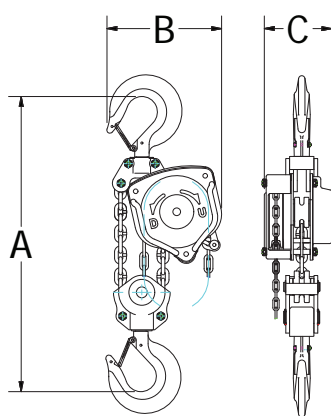
Spare Parts, see page 77.

BEAVER 3G INDUSTRIAL CHAIN BLOCKS (CONT'D)

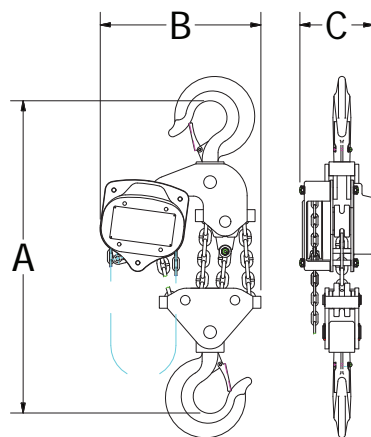
Beaver 3G Industrial Manual Chain Blocks (Cont'd)

Complies to AS 1418.2 and approved Colour Coded to Match International Lifting Standard.

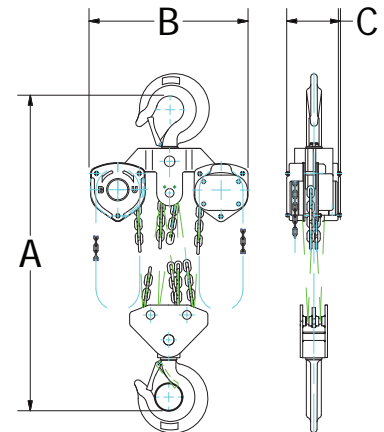
Product Code	500503M	500506M	500603M	500606M	500703M	500706M	500806M
Rated Capacity	5000	5000	10000	10000	20000	20000	30000
Colour Code	Red	Red	Orange	Orange	Orange	Orange	Orange
Standard Lift (m)	3	6	3	6	3	6	6
Falls of Chain	2	2	4	4	8	8	12
Efforts to lift full load (kg)	42	42	45	45	45	45	49
Net Weight (kg)	39	56	78	125	122	175	491
Hand Chain Overhauled to lift load one metre	32	154	154	308	2 x 308	2 x 308	2 x 465
Load Chain Diameter (mm)	5	10	10	10	10	10	10
Dimensions mm							
A (Headroom)	620	620	840	840	1060	1060	1500
B (Width)	240	240	240	240	240	240	705
C (Depth)	178	178	178	178	210	210	485
D (Diameter)	218	218	218	218	218	218	263
Hook opening (upper)	45	45	57	57	75	75	75
Hook opening (lower)	45	45	75	75	75	75	75



3 Tonne & 5 Tonne



10 Tonne

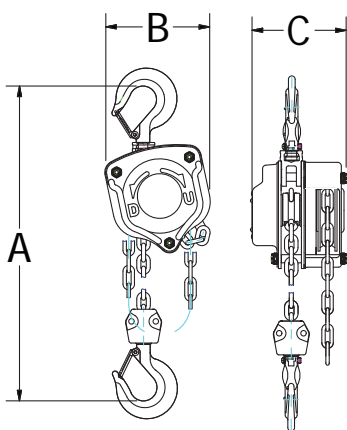


Spare Parts, see page 77.

Beaver Entertainment 3G Industrial Manual Chain Blocks - Black Powder Coated

Complies to AS 1418.2

Product Code	500053MB	500056MB	500103MB	500106MB
Rated Capacity (kg)	500	500	1000	1000
Colour Code	Black	Black	Black	Black
Standard Lift (m)	3	6	3	6
Falls of Chain	1	1	1	1
Efforts to lift full load (kg)	21	21	33	36
Net Weight (kg)	8			25
Hand Chain Overhauled to lift load one metre	32	32	39	77
Load Chain Diameter (mm)	5	5	6	6
Dimensions (mm)				
A (Headroom)	290	290	340	450
B (Width)	142	142	170	240
C (Depth)	114	114	135	128
D (Diameter)	128	128	150	218
Hook opening (upper)	23	23	28	39
Hook opening (lower)	23	23	28	39



500 Kg, 1 Tonne

