


# Corrosion Resistant Chain Block SS20

With the advantages of having been fully protected against corrosion, the SS20 is the ideal block for salt water use with less maintenance and servicing costs.

- Suitable for use in multi-immersion applications
- DNV GL Verification tested according to NORSOK R-002
- Available with slipping clutch overload protection
- Range from 0.5t - 30t
- Over 1000 hours continuous protection
- Unique corrosion protection of all the internal parts including load and hand chain, ensuring over 1000 hours continuous protection under ASTM B117 Salt spray conditions.
- Marine specific friction discs
- Available with forged clevis adaptor components
- Double cover protection for brake chamber
- Stainless steel fittings and fasteners
- Patented Quad Cam Pawl System
- Safety Brake: The highly efficient brake system works instantly when the operation is stopped and securely holds the load. Loads are lowered under perfect control, allowing for precise operations. Tiger chain blocks easily pass the brake lock out test as per BS 3243:1990 with a 2% load of the rated capacity.
- -40°C to +50°C (-40°F to +122°F) Operating temperature range
- Marine chain bags available on request
- Also available with corrosion resistant load chain
- Spark resistant option available (See page 21-22) 
- Available with load bearing swivel hooks to meet relevant standards i.e. AS 1418.2
- These units meet and exceed all the requirements within BS EN 13157:2004+A1:2009, ANSI/ASME B30.16, AS1418.2 and SANS 1594.



Product Code	Capacity (tons, T)	Effort (kg, lb)	Dimensions (mm, in)							Load Chain		Std. Lift (ft)	Unit weight w/ standard lift (lb)	Adder weight per additional ft of lift (lb)
			A	B	C	D	E	F1	F2	Diameter (mm)	No. of falls			
SS20-0050	0.5, 0.55	21, 46	93, 3.67	66, 2.60	305, 12.01	52, 2.05	78, 3.07	24, 0.945	38, 1.50	Ø6.3	1	10	23.1	1.3
SS20-0100	1.0, 1.1	25, 55	93, 3.67	66, 2.60	340, 13.39	63, 2.48	87, 3.43	28, 1.10	45, 1.78	Ø6.3	1	10	25.4	1.3
SS20-0150	1.5, 1.65	32, 71	98, 3.86	73, 2.88	385, 15.16	78, 3.07	102, 4.02	34, 1.34	51, 2.01	Ø7.1	1	10	35.2	1.4
SS20-0200	2.0, 2.2	34, 75	101, 3.98	79, 3.11	420, 16.54	87, 3.43	113, 4.45	35, 1.38	53, 2.09	Ø8.0	1	10	44.1	1.6
SS20-0300	3.0, 3.3	38, 84	109, 4.30	84, 3.31	500, 19.69	98, 3.86	157, 6.19	36, 1.42	56, 2.21	Ø10.0	1	10	67.2	2.2
SS20-0500	5.0, 5.5	37, 82	101, 3.98	79, 3.11	575, 22.64	122, 4.81	209, 8.23	49, 1.93	70, 2.76	Ø8.0	3	10	82.7	3.5
SS20-0600	6.0, 6.6	38, 84	109, 3.98	84, 3.31	635, 25.00	86, 3.39	220, 8.67	49, 1.93	70, 2.76	Ø10.0	2	10	100	11.7
SS20-0800	8.0, 8.8	34, 75	109, 4.30	84, 3.31	610, 24.02	153, 6.03	263, 10.36	51, 2.05	78, 3.07	Ø10.0	3	10	135	16.5
SS20-1000	10.0, 11.0	40, 88	109, 4.30	84, 3.31	660, 25.99	153, 6.03	263, 10.36	54, 2.13	87, 3.43	Ø10.0	3	10	141.1	5
SS20-1500	15.0, 16.5	41, 90	109, 4.30	84, 3.31	840, 33.07	225, 8.86	378, 14.89	59, 2.33	81, 3.19	Ø10.0	5	10	282.3	7.9
SS20-2000	20.0, 22.0	43, 95	161, 6.34	90, 3.55	1050, 41.34	148, 5.83	360, 14.18	81, 3.19	110, 4.33	Ø10.0	6	10	393.5	9.5
SS20-3000	30.0, 33.0	42, 93	220, 8.67	220, 8.67	1200, 47.25	388, 15.28	388, 15.28	91, 3.59	135, 5.32	Ø10.0	10	10	676.8	16

Please see page 4 for technical drawings

# Spark Resistant Chain Blocks and Lever Hoists

Ex II 2 GD c IIC T4 IIIC T135°C.

In many areas of industry, plants are operated with potentially explosive atmospheres. Due to the very high risk to personnel and other assets, extremely strict guidelines and technical requirements are in place in explosive zones. Tiger Spark Resistant products are manufactured in accordance with ATEX Directive 94/9/EC and the Machinery Directive 2006/42/EC. Our products are lightweight and durable with a proven track record.

Atex marking: Ex II 2 GD c IIC T4 IIIC T135°C. Suitable for gas and dust hazardous areas: Zone 1 & 2 (gas) and Zone 21 & 22 (dust).

We can supply chain blocks, lever hoists, beam clamps, trolleys and combination block and trolley units.

- Category II – high safety - Certification: Ex II 2 GD c IIC T4 IIIC T135°C
- Manufactured in accordance with ATEX Directive 94/9/EC and Machinery Directive 2006/42/EC
- Developed for the use in potentially explosive atmospheres (ATEX zones).
- Special coated units
- Different capacities and heights of lift to suit your specific requirements
- Available with overload protection

Note: It is the responsibility of the user to identify which explosion proof classification is required, not the hoist manufacturer or supplier.





Combined chain blocks and trolleys available

- Stainless steel hand chain (chain blocks)
- Corrosion protected load chain
- Marine specific friction discs
- Brake chamber protection from outside contamination
- Copper plated suspension and load hooks, load chain guides, grip rings, hand wheels and end anchorage
- Stainless steel fittings and fasteners
- Lever hoist also available using our PROLH unit and standard load chain

Ex II 2 GD c IIC T4 IIIC T135°C

II	2	GD	c	IIC	T4	IIIC	T135°C
							<b>T135°C</b> Dust Temperature Class: Maximum external surface temperature 135°C
							<b>IIIC</b> Groups of Dust: Protected for group IIIC which includes groups IIIA & IIIB
							<b>T4</b> Gas Temperature Class: Maximum external surface temperature 135°C
							<b>IIC</b> Gas Explosion Group: Protected for group IIC which includes groups IIA & IIB
							<b>c</b> Protection type: Design safety
							<b>GD</b> Ex Atmosphere: Gas and Dust
							<b>2</b> Category: High Safety
							<b>II</b> Equipment Group: surface industries