

CHAIN PULLY BLOCK WITH SAFETY OVERLOAD LIMITER

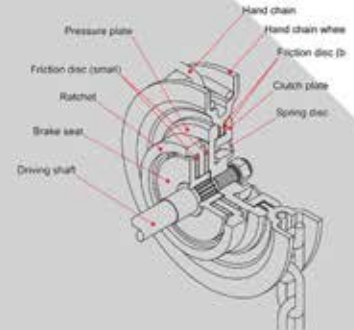


Overload Protection Device (OLP)

The hoist overload limiter protects the hoist mechanism from damage due to overloading.

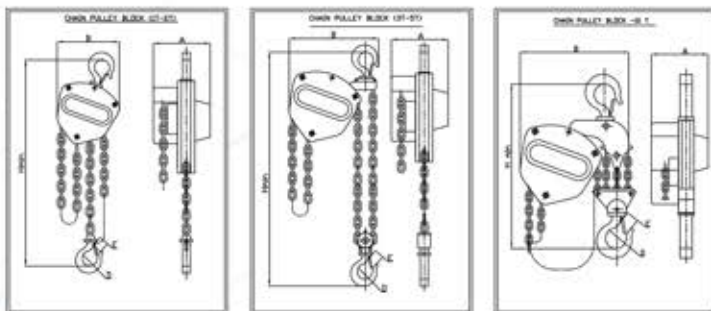
When an overload is applied to the hoist, the overload limiter actuates to stop lifting.

The Chain Pulley Block avoids any accidents by restricting the load to a Working Load Limit as desired by Safety Engineers.



FEATURES / APPLICATION

- Superior Japanese Technology Light Weight & Sturdy.
- Surface hardened Gears & all exposed parts duly plated.
- Self-sustaining maintenance free breaks.
- Black Phosphated Load Chain.
- Guaranteed availability of spare at nominal cost.
- Anti-corrosive powder coated finish.
- Tested to 50% overload & marked with serial nos for traceability .



TECHNICAL SPECIFICATION

VCHCPBOL		A79010L	A79020L	A79030L	A79050L
Load chain	Capacity Kgs	1000	2000	3000	5000
	Fall	1	1	2	2
	Dia x Pitch	6 x 18	8 x 24	7.1 x 21	10 x 30
Pulling force (N)		250	335	363	360
Net Weight (W/O chain)		12.5	19.5	29	41.3
Weight per extra metre of chain		1.8	2.3	3	5.4
Size	A (mm)	151	175	176	189
	B (mm)	172	210	230	280
	E (mm)	30	36	40	50
	D (mm)	37	45	55	64
	Hm n (mm)	376	470	565	688



1. Steel Formed Cases

Both gear and hand chain wheel are protected by Hydraulic which is ideally shaped and rugged to be able to withstand external shocks.

2. Double Housing Protection

Hand wheel and brake are designed as the protection to prevent wet and dirt.

3. Brake Mechanism

No matter how heavy the load, the brake works instantly when operation stopped; the lining material is non-asbestos with long lifetime

4. Dual Ratchet Pawls

Dual Ratchet Pawls are applied for extra safety purpose. In case one ratchet pawl fails, the other still maintains its mechanical brake function.

5. Load Chain Guide

Ensure the load chain proper fitting the load sheave during operation and protect the load sheave from wet and dirt

6. Bushing

Bushing finished by surface hardened treatment and polish procedure serves to increase the mechanical efficiency and reduce the hand chain pull force.

7. Chain Stopper

Work as the lower limit to prevent over traveling during lowering the load

8. Load Chain

Applying grade 80 alloy chain specially callibrates for manual hoists and conforms to ISO and DIN standard.

9. Upper & Lower Hooks

Hooks with hot forged and heat treatment a low to be swive ed 360° and are equipped with safety latch to ensure proper hooking the load.

10. Safety Overload Limiter

Hand chain will be locked / free after 50% overload of SWL

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