

# CHAIN HOIST

## STANDARD FEATURES

- High strength steel frame. Two points support, the driving shaft is fixed by cantilever structure.
- The friction disc and ratchet as replacement parts more convenient. Larger diameter of friction disc ensure reliable break.
- It on ratchet part. The performance of maintenance-free bearing is close to rolling bearing, better corrosion resistance.
- The material of hook is alloy steel, passed heat treatment. It includes stamping safety latch. The hook frame is forging with more reliable quality.
- Opening style cover with curved edge easy for hand chain replacement and smooth operation.
- The ratchet covered fixed by support rod, effectively protecting brake system. Steel bushing on both black oxide side plate, smooth operation. Black oxide roller guide and stamping stripper.
- Load chain is alloy steel G80 according to ISO16877.

## SERIES SPECIFICATIONS

| Capacity                            | TON  | 0.5   | 1     | 1.5   | 2    | 2.5   | 3     | 5     | 10    | 20      | 30      | 50      |
|-------------------------------------|------|-------|-------|-------|------|-------|-------|-------|-------|---------|---------|---------|
| Load Chain                          | mm   | 6x18  | 6x18  | 8x24  | 8x24 | 6x18  | 8x24  | 10x30 | 10x30 | 10x30   | 10x30   | 10x30   |
| Hand Chain                          | mm   | 5X25  | 5X25  | 5X25  | 5X25 | 5X25  | 5X25  | 5X25  | 5X25  | 5X25    | 5X25    | 5X25    |
| Strands of Load Chain               |      | 1     | 1     | 1     | 1    | 2     | 2     | 2     | 4     | 8       | 12      | 22      |
| Strands Lift                        | m    | 2.5   | 2.5   | 2.5   | 3    | 3     | 3     | 3     | 3     | 3       | 3       | 3       |
| Moving Distance of Load Wheel       | m    | 33.3  | 41.5  | 55.6  | 72.6 | 83    | 111.2 | 163.4 | 326.8 | 653.6X2 | 490.2X2 | 898.7X2 |
| Effort Required to Lift Rated Load  | N    | 200   | 320   | 360   | 365  | 328   | 385   | 435   | 435   | 435X2   | 435X2   | 435X2   |
| Running Test Load                   | KN   | 6.13  | 12.25 | 18.38 | 24.5 | 24.5  | 36.75 | 61.25 | 122.5 | 245     | 367.5   | 612.5   |
| Dimensions                          | A    | 137.5 | 146.5 | 170   | 170  | 146.5 | 170   | 190.4 | 190   | 209     | 312     | 496     |
|                                     | B    | 137   | 162   | 183   | 194  | 189   | 220   | 288   | 384   | 625     | 691     | 958     |
|                                     | Hmin | 270   | 317   | 399   | 414  | 440   | 465   | 636   | 798   | 890     | 1380    | 2578    |
|                                     | D    | 35    | 35.5  | 45    | 42.5 | 42.5  | 50    | 65    | 85    | 110     | 110     | 170     |
| ExtraWeight Per Meter of Extra Lift | kg   | 28    | 26    | 32.5  | 32   | 32    | 37    | 46    | 50    | 81      | 81      | 125     |
| Net Weight                          | kg   | 1.6   | 1.6   | 2.2   | 2.2  | 2.4   | 3.6   | 5.2   | 9.5   | 19      | 27.7    | 49.4    |
|                                     | kg   | 8.7   | 10.8  | 15.2  | 18   | 14.6  | 24.3  | 38.7  | 78    | 163.6   | 220     | 1,092   |

