CERTIFICATE OF QUALITY

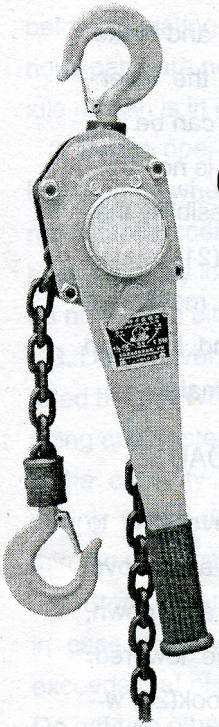
PRODUCT: LEVER BLOCK

CAPACITY 1.5 TON

HEIGHT OF LIFT 1.5 M

INSPECTOR 02

DATE 2013 3



HSHY SERIES LEVER BLOCKS

OPERATION AND MAINTENANCE DIRECTIONS

STRUCTURE AND PRINCIPLES

HSH Series of LEVER BLOCK is designed according to JB/T 7335-94 standard and is equipped with a transmission mechanism of two-step gears. The design of unique brake equipment can adjust the position of bottom hook rapidly.

● QUICK ADJUSTMENT

Set the selector lever (31) to the "N" position. Turn the hand wheel(2) counter-clockwise, then the brake is disengaged. Pull the load chain (22) and the bottom hook can be adjusted to any desired position.

● LIFTING LOAD

Set the selector lever (31) to the "UP" position. Turn the hand Whee(2) clockwise, then the chain(22) is tightened and brake is engaged, operate the lever handle(3) and load can be lifted. (If the chain (22) is not tightened, there is possibility that the chain sprocket (21) rotates under press of the movement of the handle(3), and load can not be lifted. It`s normal.)

● LOWERING LOAD

Set the seletor lever (31) to the "Down" position and move lever handle (3) up and down, then the load can be lowered. (If no load, bottom hook(25) will move up and down, it is normal)

OPERATION INSTRUCTIONS

1. All moving parts should a-

SPECIFICATIONS

Model		HSHY 3/4	HSHY 3/2	HSHY 3	HSHY 6
Capacity	t	0.75	1.5	3	6
Lift	m	1.5	1.5	1.5	1.5
Min.distance between hooks	mm	310	350	460	600
Pullou lever to lift full load	N	196	220	240	343
Net weight	kg	7	11	19	30

Lways be kept well lubricated before operating see that the various parts are no damaged and idle motion is in good condition.

2. Before operating inspect the hook to see whether it is securely attached certain load on the hook correctly load chain should be no twisted either. See Fig.1

3. Do not overload or exceed rated height. When pulling, strapping and fastening load, check if the capacity of the maximum pulling force of load chain is within the rated capacity.

4. Stop operating immediately in case the lever handle force exceeds that of normal capacity. Do not use other force or use an extension on the lever.

5. For the sake of safety working or pass-ing under a lif-ting load is strictly forbidden.

MAINTENANCE

1. After use, clean off the dirt on the block and keep it in a dry place.

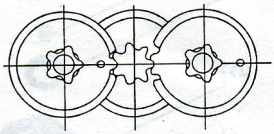
2. Maintenance and inspection should be made by shilled hand. Never allow any layman to disassemble or assemble the block.

(1) When assembling, align the "O" marks of two gears (17) as shown in fig.2

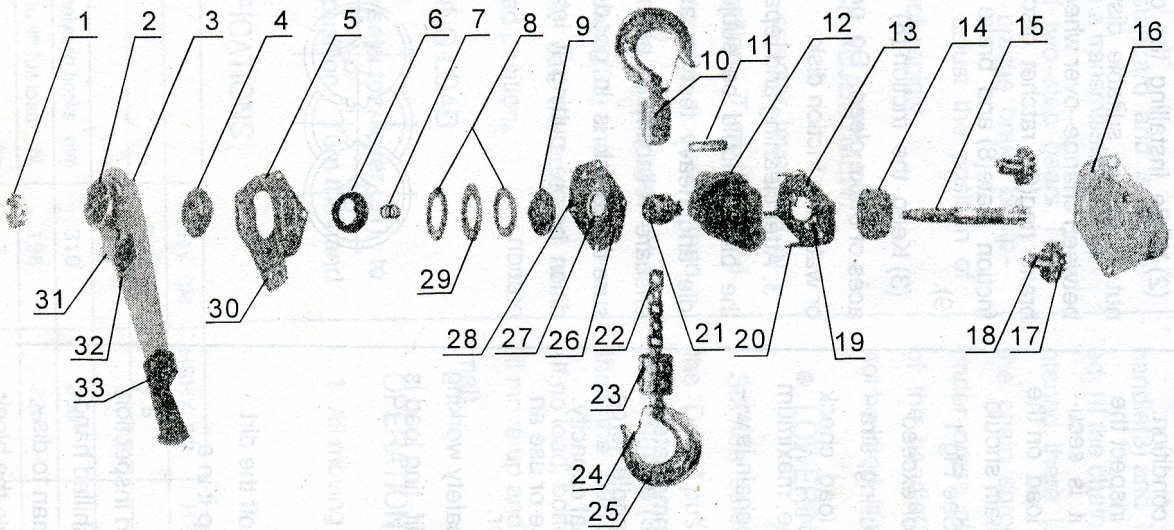
(2) While installing the castle nut (1) ensure suitable distance between change-over wheel(4), brake ring(6), ratchet disc(29), friction plate(8) and brake seat (9).

(3) Keep the friction (8) surfaces of brake clean. Do not oil or water the friction disk.

3. After cleaning and repairing, the block should be subject to idle and heavy test so as to ensuare reliability in use. Make sure that block is in good condition before putting it into operation.



DETAILS OF SPARE PARTS FOR HSH SERIES LEVER BLOCKS



1 Castle Nut	2 Hand Wheel	3 Lever Handle	4 Change-over Wheel	5 Ratchet Cover	6 Brake Ring	7 Spring
8 Friction Plate	9 Brake Seat	10 Top Hookholder	11 Top Hook Shaft	12 Guide Plate	13 Right Plate	14 Splined Gear
15 Driving Shaft	16 Bent Plate	17 Disk Gear	18 Pinion Shaft	19 Bearing Race	20 Stay	21 Chain Sprocket
22 Load Chain	23 Hook hanger	24 Safety Pin	25 Hook	26 Left Plate	27 Bearing Race	28 Pawl
29 Ratchet Disk	30 Handle Inside	31 Selector Lever	32 Name Plate	33 Handle Cover		