

Lever hoists

LEVER, LEVERPRO, POCKET



Original of the OPERATING INSTRUCTIONS

Keep for future use

Address of the manufacturer

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Operating instructions

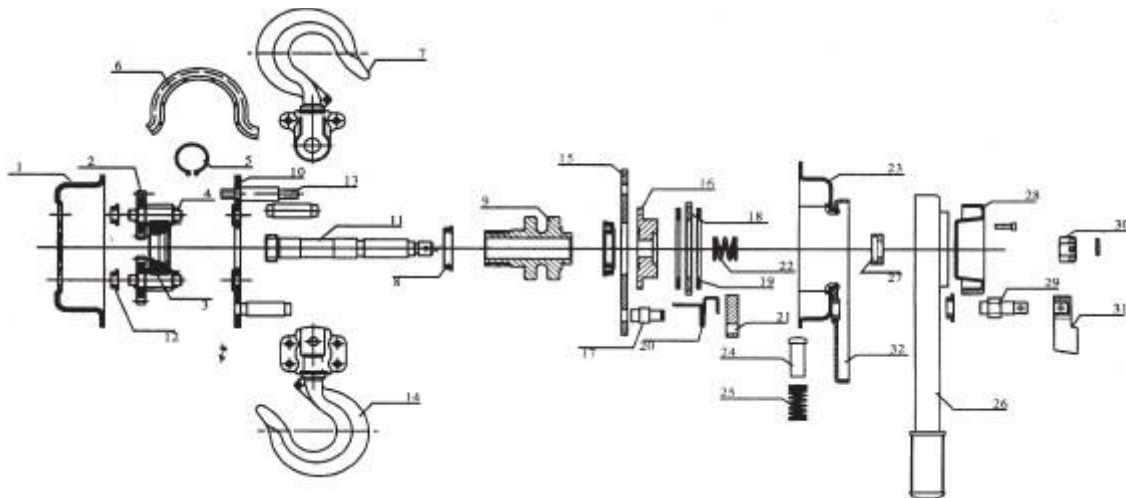
Document number:	LEVER
Version:	1.0
Creation date:	29.06.2023
Last change:	29.06.2023
Model:	10000949, 10000950, 10000851, 10000952, 1000525, 10005226, 10005227, 10010377
Type designation:	LEVER-S, LEVER-M, LEVERL, LEVER- XL, LEVERPRO-S, LEVERPRO-M, LEVERPRO-L, POCKET
Year of manufacture:	2024

Customer entries

Inventory no:	
Location:	

Storage

The operating instructions must be kept in the relevant specialist department and must be available at all times.



1. Gear case	9. Lifting chain	17. Pawl shaft	25. Cheng-over spring
2. Disk	10. side plate B	18. Brake shaft spin	26. Lever handle
3. Gear Spline Hole	11. Driving shaft	19. Friction plate	27. The following sets of
4. Pinion shaft	12. Steel	20. pawl spring	28. Hand wheel
5. Ring	13. Stay Bolt	21. Pawl	29. For the axis
6. Chain guide cover	14. Under the hook	22. Clutch	30. Spent nuts
7. On hook	15. Side plate a	23. Brake cover	31. Allocated block
8. Bearing ring	16. Brake seat	24. For the mandril	32. Inside the handle

Operation & maintenance

1. AFTER USE, CLEAN THE DIRT ON THE BLOCK AND GREASE ITS PARTS, KEEP IT IN A DRY PLACE.
2. MAINTENANCE AND INSPECTION SHOULD BE DONE BY QUALIFIED HANDS, NEVER ALLOW ANY LAYMAN TO DISASSEMBLE OR ASSEMBLE THE BLOCK.
3. WHEN ASSEMBLING, ALIGN THE "0" MARKS OF THE TWO GEARS (2) AS SHOWN IN FIG. (2) AND FIG. (3).
4. WHILE THE LEVER HANDLE (20) IS HOLDING THE FRICTION PLATES (13) AND THE RATCHET DISK (33), THE DISTANCE BETWEEN THE LEVER HANDLE (20) AND THE ENDS OF THE HEXAGON LOCKNUT SHOULD BE CHECKED WITHIN 0.2MM-0.5MM.
5. AFTER CLEANING AND REPAIR, THE BLOCK SHOULD BE SUBJECTED TO IDLING AND HEAVY SUCTION TO ENSURE RELIABILITY IN USE, MAKE SURE THE BLOCK IS IN GOOD CONDITION BEFORE PUTTING IT INTO OPERATION.
6. KEEP THE FRICTION SURFACES OF THE BRAKE CLEAN, THE BRAKE MECHANISM SHOULD BE CHECKED REGULARLY TO PREVENT TROUBLE IN THE BRAKE.

APPLICATION

THE DOUBLE LEVER BLOCK IS A HIGHLY EFFICIENT AND VERSATILE MANUALLY OPERATED HOIST WIDELY USED IN SHIPBUILDING, POWER PLANTS, PORTS, CONSTRUCTION, MINING, POST AND TELECOMMUNICATIONS FOR INSTALLING MACHINERY, LIFTING GOODS AND PULLING LOADS ETC. IS WIDELY USED. IT IS MAINLY USED IN TIGHT PLACES, IN THE OPEN AND AT HEAD ENDS FOR PULLING AND STRETCHING WORK AT ANY ANGLE.

FEATURES

THE MAIN COMPONENTS OF THE HSH DOUBLE LEVER BLOCK ARE MADE OF HIGH-QUALITY STEEL AND ARE CHARACTERIZED BY THE FOLLOWING PROPERTIES IN TERMS OF CONSTRUCTION AND OPERATION

1. SAFE, RELIABLE AND DURABLE IN USE.
2. EXCELLENT PERFORMANCE AND MINIMAL MAINTENANCE.
3. SMALL VOLUME, LIGHT WEIGHT AND PORTABLE IN SIZE.
4. LIGHT HANDPULL AND HIGH EFFECTIVENESS.
5. ADVANCED STRUCTURE AND ATTRACTIVE APPEARANCE

CONSTRUCTION

THE LEVER BLOCK IS EQUIPPED WITH A TWO-STAGE GEAR MECHANISM AND A SPRING CLUTCH, THE OPERATING PRINCIPLE OF WHICH IS DESCRIBED AS FOLLOWS.

- USE OF A FREE GEARBOX SYSTEM

IF NOTHING IS HOOKED IN, THE LEVER (40) IS SET TO POSITION "C" (CENTER). THIS MAKES IT EASY TO PULL THE LOAD CHAIN AND ADJUST THE LOWER HOOK TO ANY DESIRED POSITION.

- HUBLAST

SET THE SELECTOR LEVER TO THE "UP" POSITION AND TURN THE LEVER HANDLE TO THE RIGHT TO PRESS THE FRICTION PLATES (20) AND THE RATCHET DISK (13) FIRMLY AGAINST THE BRAKE SEAT (33) SO THAT THESE PARTS ROTATE TOGETHER. THEN DRIVE THE DRIVE SHAFT (11), THE DISK SEAT (2), THE PINION SHAFT (4), THE GEAR WHEEL (3), THE LOAD AND THE LEVER HANDLE TO LIFT THE LOAD EVENLY (SEE ILLUSTRATION).

OPERATING INSTRUCTIONS

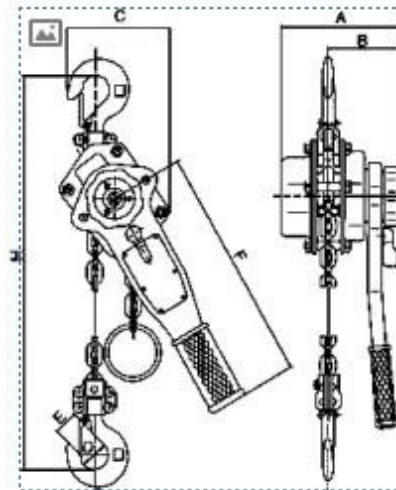
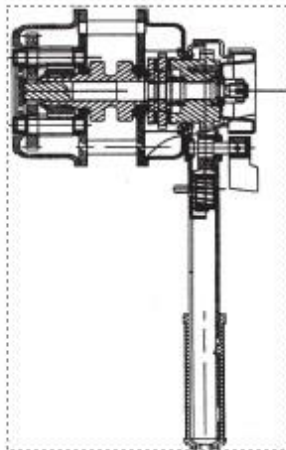
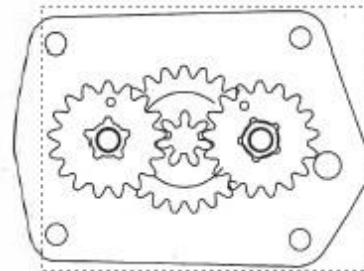
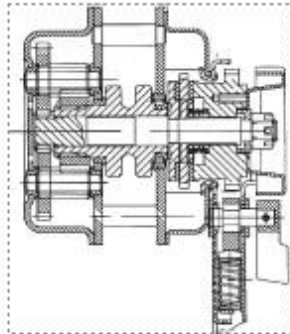
1. DO NOT OVERLOAD.
2. DO NOT MOTORIZED LEVER BLOCK IS DESIGNED FOR MANUAL OPERATION ONLY.
3. ALL MOVING PARTS SHOULD ALWAYS BE WELL LUBRICATED. BEFORE OPERATION, CHECK THAT THE VARIOUS PARTS ARE NOT DAMAGED AND THAT THE MOVEMENT IS IN GOOD CONDITION.
4. BEFORE LIFTING, CHECK THAT THE HOOK IS SECURELY FASTENED. DO NOT SUSPEND ANY LOAD FROM THE TIP OF THE HOOK. THE LOAD CHAIN SHOULD NOT BE TWISTED TO ENSURE SAFETY.
5. STOP OPERATION IMMEDIATELY IF THE PRESSURE FORCE EXCEEDS THAT OF NORMAL OPERATION:
 - .A. WHETHER THERE IS SOMETHING INVOLVED WITH THE CARGO
 - .B. WHETHER THERE ARE ANY PROBLEMS WITH THE PARTS OF THE BLOCK
 - .C. WHETHER THE LOAD EXCEEDS THE NOMINAL CAPACITY OF THE BLOCK.

As our products are constantly being improved and further developed, their design may differ slightly from these instructions.

LEVER:

LEVERPRO:

LEVER BLOCKS CONSTRUCTION OF BODY

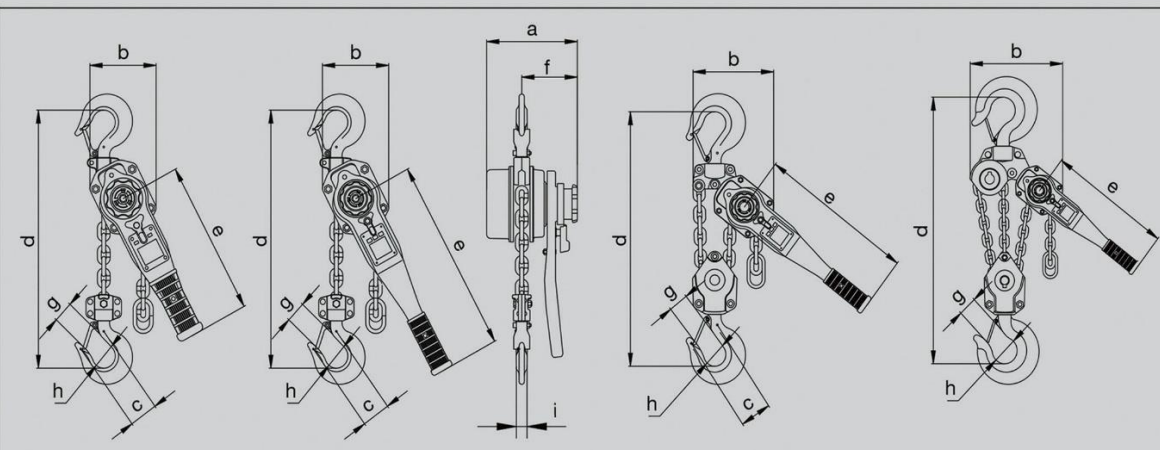


SPECIFICATIONS

Model		HS0.75	HS1.5	HS3	HS6
Rated Capacity	ton	0.75	1.5	3	6
Lift	m	1.5	1.5	1.5	1.5
Test load	ton	1.125	2.25	4.5	7.5
Min. distance between hooks: h	mm	303	365	485	600
Pull on lever to lift full load	kgf	20	21	33	35
No. of load chain falls		1	1	1	10
Diameter of load chain	mm	6	8	10	10
Length of lever handle: F	mm	290	410	410	410
Dimensions	A	139	174	200	200
	B	84	108	115	115
	C	153	160	185	230
	D	37	45	55	65
	E	26	31	40	45
Net weight	kg	7	11	20	30

LEVER LEVERPRO

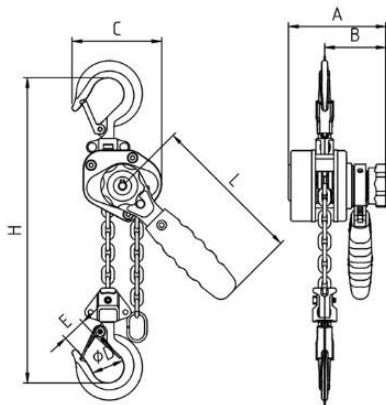
LEVERPRO:

						
		0.8, 1.6 tonne		3.2 tonne		6.3 tonne
						9 tonne
Model		VG008	VG016	VG032	VG063	VG090
Capacity W.L.L.	tonnes	0.8	1.6	3.2	6.3	9.0
Load Chain falls		1	1	1	2	3
Load Chain Dia. x pitch	mm	5.6 x 15.7	7.1 x 19.9	10 x 28	10 x 28	10 x 28
Pull to lift rated load	N	215	303	372	382	392
Proof Load	kg	1200	2400	4800	9500	13500
Stand lift	m	1.5	1.5	1.5	1.5	1.5
Net weight	kg	5.7	8.0	13.6	26.0	40.0
Gross weight	kg	6.1	8.5	14.2	26.6	46.5
Extra weight per metre of chain	kg	0.7	1.1	2.3	4.7	7.0
Dimensions mm	a	146	164	196	196	196
	b	119	126	159	218	298
	c	41.5	52	61.9	84.3	-
	d	280	335	395	540	680
	e	245	265	415	415	415
	f	96	100	114	114	114
	g	26.5	35.5	43	53	64
	h	35.5	42.5	50	60	85
	i	14	19	24.5	34	40

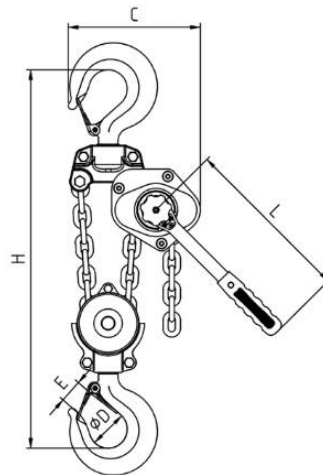
LEVER LEVERPRO

POCKET:

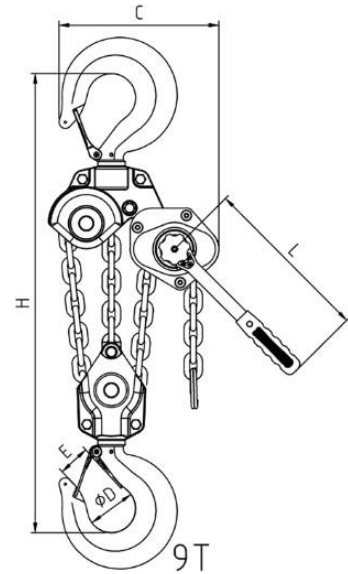
Model	Capacity (T)	Standard lift (m)	Running test (T)	No.of falls of load chain	Load chain diameter (mm)	Dimension(mm)							Net weight (kg)	Extra weight per lift (kg)
						A	B	C	D	E	H	L		
JTVM 0.25T	0.25	1	0.375	1	3.2x9	91	59	81	32	19	200	145	1.5	0.22
JTVM 0.5T	0.5	1.5	0.75	1	4.3x12	101	63	92	34	24	250	160	2.5	0.37
JTVM 0.75T	0.75	1.5	1.125	1	5x15	105	64	92	42	28	260	180	3.4	0.54
JTVM 1.5T	1.5	1.5	2.25	1	7.1x19.9	122	68.5	109	42.5	30	330	220	6.3	1.11
JTVM 3T	3	1.5	4.5	2	7.1x19.9	122	68.5	174	48.5	36	428	220	9.1	2.2
JTVM 3T	3	1.5	4.5	1	9x27	157	87	172	48.5	36	400	310	12.5	1.8
JTVM 6T	6	1.5	9	2	9x27	157	87	232	71	45	540	310	22.6	3.6
JTVM 9T	9	1.5	13.5	3	9x27	157	87	300	82	54	680	310	35	5.4



0.5-3T



3-6T



9T