



HHL introduces its customers to Indef M Chain Pulling Block providing you features that are light weight & Sturdy making it very easy to handle

Lifelong Lubrication enhances efficiency of performance with minimal maintenance required.

Consists of Surface hardened Gears for an extended working life

Indef M Chain Pulling Block uses needle roller bearings delivering a higher operating efficiency

Ensuring Smooth passage of load chain with Machined guide rollers

A Unique cover design that smoothens hand chain operation

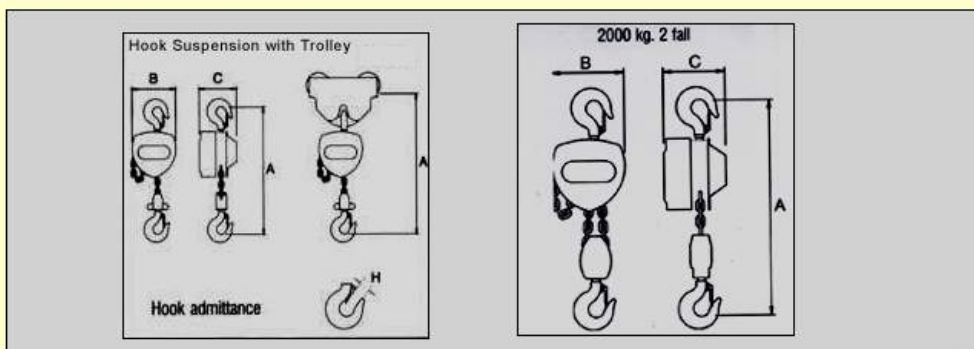
Self sustaining maintenance free friction brake in turn reducing downtime

Equipped with a Grade 80 Load Chain for strength & wear resistance also a longer chain life

Elegantly modeled with an Anticorrosive powder coated finish and has better aesthetics

Specifications/Dimensions (mm)									
DIMENSIONS, WEIGHT AND PERFORMANCE DATA									
Capacity - Safe Working Load	KG.	500	1000	2000	2500	3000	5000	8000	10000
Number Of Falls of Load Chain	NO.	1	1	2	1	3	2	3	4
Dimensions									
A. Hook Suspension	mm	335	400	461	530	585	805	880	950
A. hung-in (With Trolley)	mm	-	-	-	-	695	895	1010	1080
A. hung-in (With indef M trolley range 1&2)	mm	365	430	500	560	-	-	-	-
A. hung-in (With indef M trolley range 3)	mm	405	470	540	605	-	-	-	-
A. close-lift (Mono Block)	mm	-	-	-	-	600	800	950	985
A. close-lift (Range 1&2) (Mono Block)	mm	300	345	446	425	-	-	-	-
A. close-lift (Range 3) (Mono Block)	mm	340	385	486	470	-	-	-	-
B.	mm	155	180	180	238	268	280	430	480
C.	mm	144	153	153	209	153	209	220	220
H. Hook admittance.	mm	27	32	32	42	42	51	67	75
- Minimum Clear Depth of Beam.	mm	127	127	150	150	150	225	275	275
- Minimum Radius of track Curve	mm	1.5	1.5	1.5	1.5	1.5	2.6	3.2	3.2
- Weight - Hook Suspension Unit With Chain For Standard 3m hook-to-hook	kg	10	13	19	29	30	59	94	130
- Additional Weight for extra height of lift, per metre	kg	1.4	1.8	2.6	3.5	3.6	5.7	5.9	10.1
- Effort On Hand Chain to raise full working load	kg	28	30	33	37	33	41	46	43
- Velocity Ratio (movement of hand chain relative to load chain)		27:1	45:1	90:1	78:1	135:1	156:1	234:1	312:1
- Safety Factor		4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1

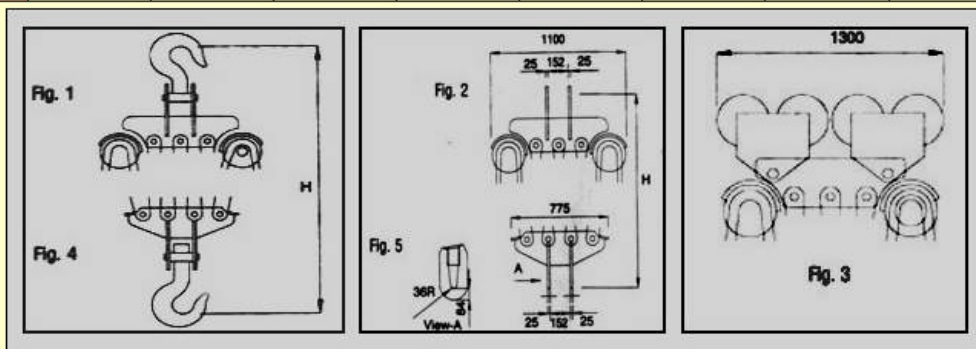
All Dimensions in mm. Data is subjected to changed without prior notice.





Capacity	No. of Falls	For each hand chain. (Hand chain required to be passed over for lifting load through one pulley - minimum Capacity)	Running Pull On Each Hand Chain	Hook Opening	Weight For 1 M Addl. Lift (approx)
15 T	6	228	50 kg.	95 mm	22 kg.
20 T	6	228	62 kg.	95 mm	28.5 kg.

COMBINATIONS	Fig.	15 Tonne			Weight For 3 M Lift (kg.) (approx.)	20 Tonne			Weight for 3M lift (kg) Approx.
		Length	Width	Head room 'H'		Length	Width	Head room 'H'	
Upper Fixed eye suspension and lower fixed eye hook	2+5	1100	240	1030	310	1100	240	1030	350
Upper & Lower Swivelling Hook	1+4	1100	240	1740	410	1100	240	1740	460
Upper Fixed eye suspension and lower fixed eye hook	2+4	1100	240	1375	355	1100	240	1375	405
Upper Swivelling hook and lower fixed eye hook	1+5	1100	240	1375	355	1100	240	1375	405
Trolley Suspension and lower fixed eye hook	3+5	1300	*F+360	905	690	1300	*F+360	905	720
Trolley Suspension and lower Swivelling Hook	3+4	1300	*F+360	1250	715	1300	*F+360	1250	755





An ISI Marked Manufacture from an ISO 9001:2000 Certified Company Bringing you assured quality & Interchangeability of Parts

Has been tested as per ISI procedures for 50% over load, delivering assured Safety levels

Equipped with a Grade 80 Load Chain for Long chain life

Assuring you reliability with its Rugged German design and Customer Satisfaction spanning more than 30 years

Double Ball Bearing Supported Load Wheel for Smooth Operation

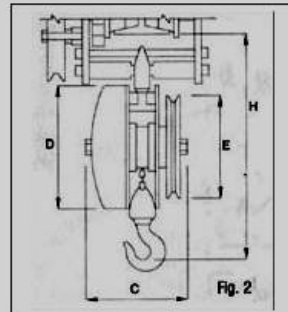
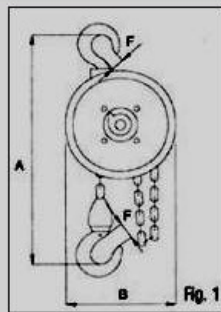
Precision Machined Case hardened alloy Steel Gears benefiting longer life span & noiseless operation

Fully Pocketed Malleable / S. G. Iron Cast Load Chain Wheel for safe and smooth running

Anti Rust and Better Aesthetics With Anti - Corrosive Powder coated Zinc Plated parts

Specifications/Dimensions (mm)								
Capacity	MT	0.5	1	2	3	5	7.5	10
Number of Falls		1	1	2	1	2	3	4
Hand Chain required to be passed Over For Lifting Load through one metre	Metre(approx.)	52	52	104	104	152	228	288
Running Pull On hand chain	kgs.	13	26	28	43	49	50	61
Weight At 3 Metre Lift (approx.)	kgs.	21	21	30	35	60	88	126
Extra Weight Per Additional Metre Lift (approx.)	kgs.	2.9	2.9	4.3	4.3	5.2	7.0	14.4

Capacity	A	B	C	D	E	F	H	MONO BLOCKS (not shown)H	Thrust Bearing in Bottom Block H
0.5 Ton	460	210	180	210	195	31	550	500	580
1 Ton	460	210	180	210	195	31	550	500	580
2 Ton	560	240	180	210	195	37	665	620	760
3 Ton	625	240	200	210	195	42	759	635	825
5 Ton	810	320	225	275	270	51	885	780	1010
7.5 Ton	870	455	225	275	270	67	1000	935	1135
10 Ton	990	515	225	275	270	75	1120	1025	1240





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Has been tested as per ISI procedures for 50% over load, delivering assured Safety levels

Equipped with a Grade 80 Load Chain for Long chain life

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Double Ball Bearing Supported Load Wheel for Smooth Operation

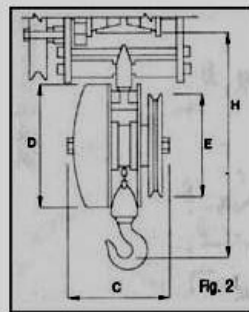
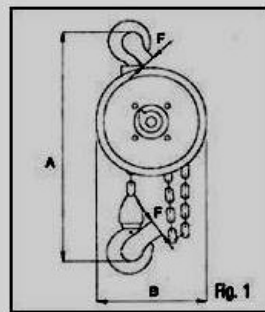
Precision Machined Case hardened alloy Steel Gears benefiting longer life span & noiseless operation

Fully Pocketed Malleable / S. G. Iron Cast Load Chain Wheel for safe and smooth running & Long life

Indef also brings you an M Light Weight Model and Spark Proof Chain Pulley blocks

Specifications/Dimensions (mm)								
Capacity	MT	0.5	1	2	3	5	7.5	10
Number of Falls		1	1	2	2	2	3	4
Hand Chain required to be passed Over For lifting load through one metre	Metre (approx.)	52	52	104	104	152	228	288
Running Pull On Hand Chain	kgs.	13	26	28	43	49	50	61
Weight At 3 Metre Lift (approx.)	kgs.	21	21	30	35	60	88	126
Extra Weight Per Additional Metre Lift (approx.)	kgs.	2.9	2.9	4.3	4.3	5.2	7.0	14.4

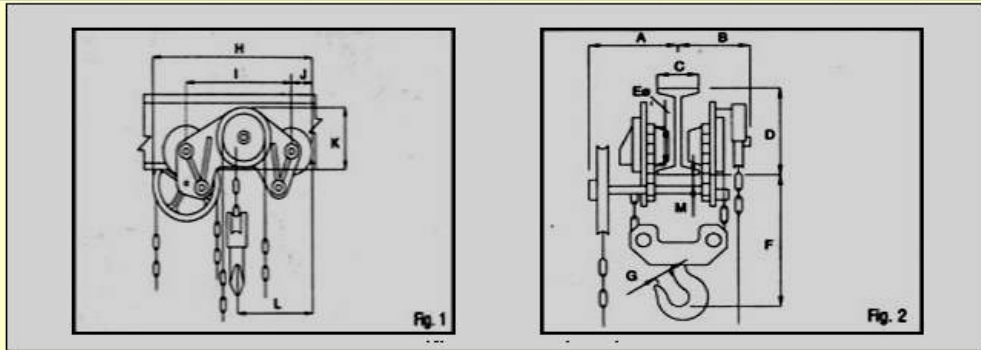
Capacity	A	B	C	D	E	F	H	MONO BLOCKS (not shown) H
0.5 Ton	460	210	180	210	195	31	550	500
1 Ton	460	210	180	210	195	31	550	500
2 Ton	560	240	180	210	195	37	665	620
3 Ton	625	240	200	210	195	42	759	635
5 Ton	810	320	225	275	270	51	885	780
7.5 Ton	870	455	225	275	270	67	1000	935
10 Ton	990	515	225	275	270	75	1120	1025





Specifications/Dimensions (mm)						
Capacity	MT	1	2	3	5	10
Number of falls		2	2	2	2	4
Hand Chain required to be passed Over For lifting load through one metre	Mtrs.	104	104	104	104	288
Running Pull On Hand Chain (efficiency 0.8)	kgs.	16	28	42	49	57
Weight At 3 Metre Lift (approx.)	kgs.	97	98	110	207	326
Weight Per Additional Metre Lift load and hand chain (approx.)	kgs.	4.3	4.3	4.3	8	14.4
Radius of curvature	Mtrs.	5	5	5	5.5	6

	A		B		*C		D	E	F	H	G	I	J	K	L	M
	Min	Max	Min	Max	Min	Max	Min									
1 t	343	385	212	255	125	210	250	150	250	31	680	444	91	238	325	28
2 t	343	385		255	125	210	250	150	250	37	680	444	91	238	325	28
3 t	350	385	222	295	140	210	300	150	340	42	680	444	91	238	325	28
5 t	350	385	260	295	140	210	300	175	355	51	775	540	105	310	414	30
10 t	380	415	280	315	140	210	300	225	425	75	930	584	130	310	422	35





HHL introduces its customers to Indef M 6T / 20T Compact Blocks providing you features that are light weight & Sturdy making it very easy to handle

Lifelong Lubrication enhances efficiency of performance with minimal maintenance required.

Consists of Surface hardened Gears for an extended working life

Uses needle roller bearings delivering a higher operating efficiency

Ensuring Smooth passage of load chain with Machined guide rollers

A Unique cover design that smoothen hand chain operation

Self sustaining maintenance free friction brake in turn reducing downtime

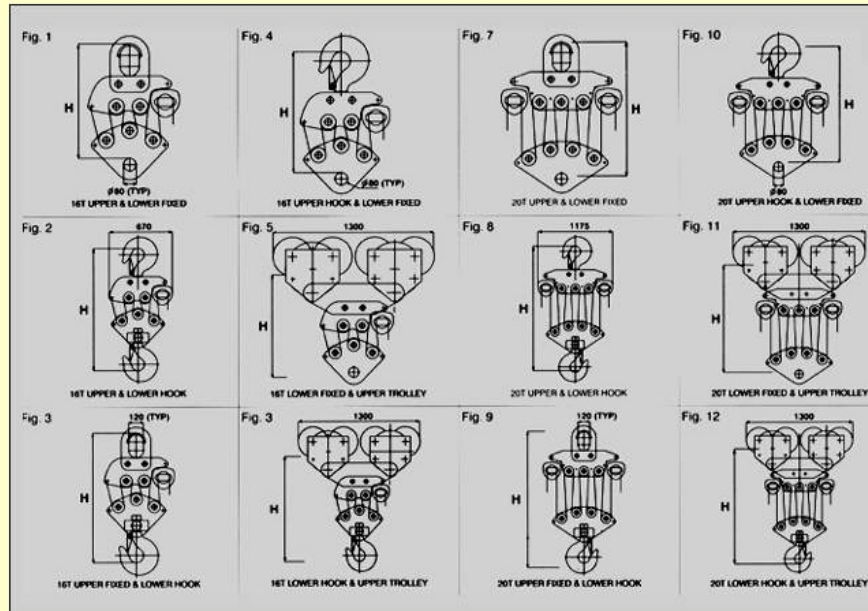
Equipped with a Grade 80 Load Chain for strength & wear resistance also a longer chain life

Elegantly modeled with an Anticorrosive powder coated finish and has better aesthetics

Compact Design & Low Headroom and Light Weight

Capacity	No. of Falls	For each hand chain. Hand chain required to be passed over for lifting load through one metre...metres (approx)	Running Pull On Each Hand Chain	Hook Opening	Weight For 1 M Addl. Lift (approx)
16 T	6	468	45 kg.	95 mm	14.5kg.
20 T	6.	624	46 x 2 kg.	95 mm	20.2 kg.

COMBINATIONS	Fig.		16 TONNE			Weight For 3 M Lift (kg.) (approx.)	20 TONNE			Weight For 3 M Lift (kg.) (approx.)
	16 T	20 T	Length mm	Width mm	Head room 'H' mm		Length mm	Width mm	Head room 'H' mm	
Upper Fixed eye suspension and lower fixed	1	7	670	220	640	138	1175	220	640	200
Upper & Lower Swivelling Hook	2	8	670	220	1175	218	1175	220	1175	280
Upper Fixed eye suspension and lower Swivelling Hook	3	9	670	220	985	178	1175	220	985	240
Upper Swivelling Hook and lower fixed	4	10	670	220	700	178	1175	220	700	240
Trolley Suspension and lower fixed	5	11	1300	*F+360	795	440	1300	*F+360	795	500
Trolley Suspension and lower Swivelling Hook	6	12	1300	*F+360	1140	470	1300	*F+360	1140	540





HHL introduces its customers to Indef N Triple Spur Gear Hand Hoist providing you features that are light weight & Sturdy making it very easy to handle

Lifelong Lubrication enhances efficiency of performance with minimal maintenance required.

Consists of Surface hardened Gears for an extended working life

Indef N Triple Spur Gear Hand Hoist uses needle roller bearings delivering a higher operating efficiency

Ensuring Smooth passage of load chain with Machined guide rollers

A Unique cover design that smoothen hand chain operation

Self sustaining maintenance free friction brake in turn reducing downtime

Equipped with a Grade 80 Load Chain for strength & wear resistance also a longer chain life

Elegantly modeled with an Anticorrosive powder coated finish and has better aesthetics

Special Upper & Lower Block for Free to Swivel on Load

DIMENSIONS

DIMENSIONS, WEIGHT AND PERFORMANCE DATA								
Capacity - Safe Working Load	KG.	500	1000	2000	3000	5000	8000	10,000
Number Of Falls of Load Chain	NO.	1	1	2	1	2	3	4
Dimensions								
A. Hook Suspension mm	NO.	295	325	400	515	600	850	810
hung - in trolley		-	-	-	-	690	980	950
A. hung-in (indef M trolley ranges 1&2)	mm	325	355	440	615	-	-	-
hung-in (indef M trolley range 3)	mm	365	395	480	660	-	-	-
B.	mm	165	165	165	230	230	390	390
C.	mm	135	135	138	182	182	182	182
H. Hook admittance.	mm	19	23	31	38	45	53	53
- Minimum Clear Depth of Beam.	mm	127	127	150	150	225	275	275
- Minimum Radius of Track Curve	mm	1.5	1.5	1.5	1.5	2.6	3.2	3.2
- Weight - Hook Suspension Unit With Chain For Standard 3m hook-to-hook	Kg.	11	11.5	15.5	27	45	68	75
- Additional Weight for extra height of lift, per metre	Kg.	1.8	1.8	2.6	3.0	5.2	7.9	10.1
- Effort On Hand Chain to raise full working load	Kg.	20	36	38	36	45	52	48
H. - Velocity Ratio (movement of hand chain relative to load chain)		42:1	42:1	84:1	76:1	153:1	229:1	306:1
- Safety Factor		4:1	4:1	4:1	4:1	4:1	4:1	4:1
All Dimensions in mm. Data is subjected to changed without prior notice.								

