

Manual chain hoist Pholgor - "ARC" type

The machines are planned in conformity with the 2006/42/EEC Directive



With: EC markings
 EC declaration of conformity
 Statement report-Fitting for use
 Information for use



INTENDED USE : The chain hoists are planned only to lift free weights in the space, straight up, in condition of safe and controlled efficiency, in according to the measures and limits of use as described in the instructions of use and using accessories that the grip element (lifting hook) and the upper base (hanging hook) allow

TECHNICAL AND CONSTRUCTION CHARACTERISTICS :

Structure : compact and light

Reducer: coaxial with high-resistance cylindrical steel gears. Module tothing entirely supported on ball bearings closed in a carter; permanently lubricated.

Load sprocket: with four pockets, molten, thermally treated for a perfect running of the carrying chain.

Chain guide and extractor: guarantee a precise housing and a perfect extraction of the carrying chain either in raise or in descent.

Brake: with a safety jump to stop the weight in the wanted position. The brake is automatic at weight pression and has two friction joints, free from asbestos.

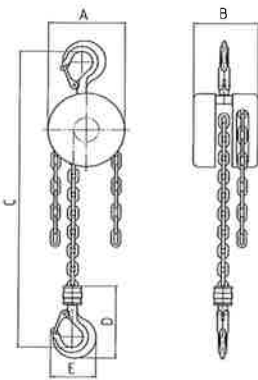
Carrying chain limit switches: composed of two steel plates fixed on the descent side of the chain that avoids the chain going out if the operator tries to raise the hook lower than the maximum limit.

Hanging and lifting hooks: high resistant, in tempered steel, turning with ball bearing, with a safety device to avoid unhitching.

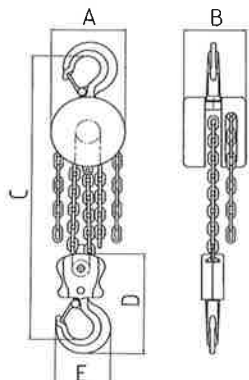
Moving/hand chain: in round steel, running on a pocket pulley. Chain and pulley are protected by a steel sheet side cover.

Carrying chain: in high resistant steel, with round links, superficially hardened, covered with zinc to obtain a high resistance to wear, to corrosion and to ageing.

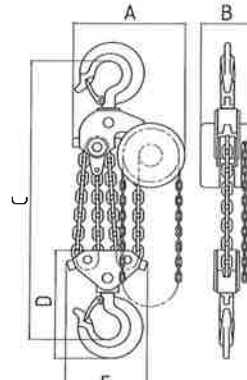
Hoist control: The hoist is activated by pulling manually one of the descent falls of the moving /motion chain.



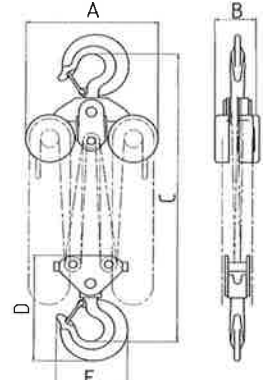
kg 500 - 1000 - 1500
1 fall of chain



kg 2000 - 3000 - 5000
2 falls of chains



kg 10000
4 falls of chains



Kg 20000
8 falls of chains

CAPACITY	kg	500	1.000	1.500	2.000	3.000	5.000	10.000	20.000
MODEL		ARC500	ARC1000	ARC1500	ARC2000	ARC3000	ARC5000	ARC10000	ARC20000
Fall of chain	n	1	1	1	2	2	2	4	8
Raising with 5 mt of hand chain	mm	178	120	94	60	47	30	15	15
Effort on the hand chain	kg	22	30	35	31	36	39	40	40
Measure A	mm	122	142	180	142	180	210	360	580
Measure B	mm	108	122	142	122	142	165	165	190
Measure C	mm	305	350	390	430	530	640	750	1100
Measure D	mm	120	140	160	200	245	300	360	480
Measure E	mm	68	80	105	105	125	160	260	310
Load with 3 mt load chain and 2.50 mt hand chain	kg	8	9,5	15,5	14	23	37	70	150
Weight for each mt more of chain	kg	1,71	1,71	2,31	2,51	3,71	5,31	9,71	19,42