

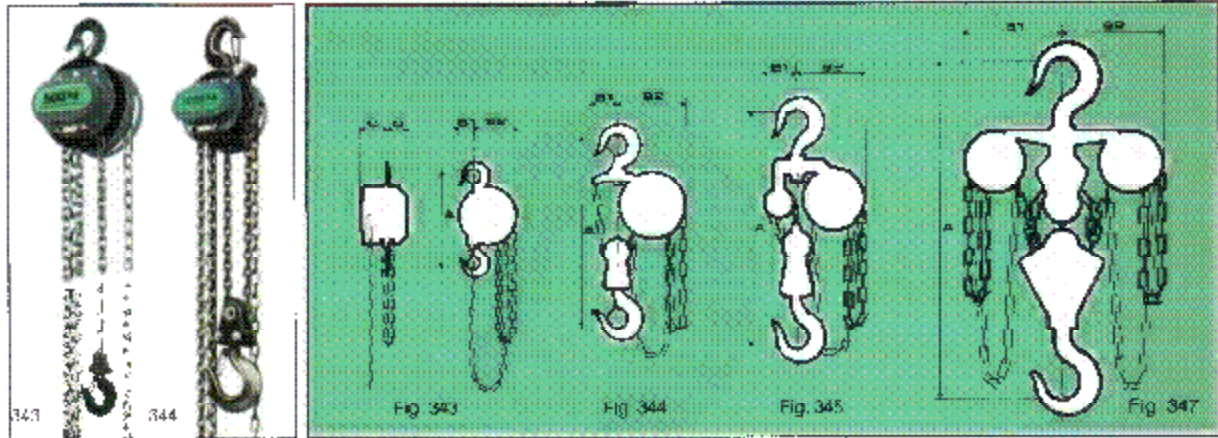
# P.H.R



**MANUAL CHAIN HOIST  
FROM 250 to 20 000 kg**



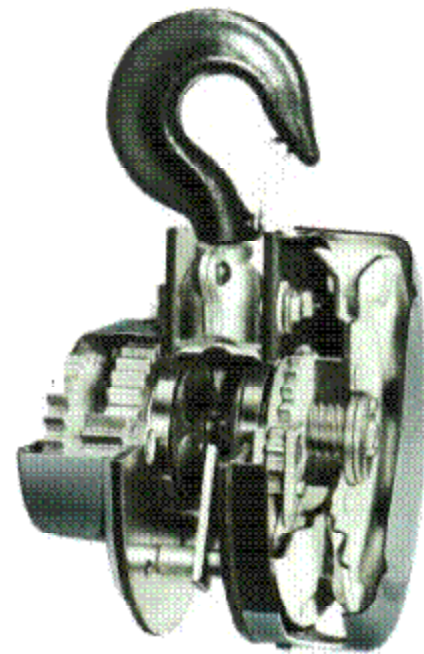
# HOOK-IN UNIT BLOCK



The P.H.R. is robust and is constructed entirely from steel. Mechanical parts are protected by integral casings. The P.H.R. gear mechanism has been designed to enable the operator to lift loads up to 20 tonnes with a minimum of effort.

## GENEFA... DESIGN

- Hard white covers, protects the handwheel and it guide, and secures the chain.
  - Mechanical components, (axles and gear wheels) are manufactured from hardened steel.
  - Chain sprocket is ball-race mounted.
  - Lifting and suspension hooks in forged steel mounted on ball-joints and are fitted with safety catches.
  - Automatic braking using Ferrero washer.
  - Lower hook limit is maintained by fixed stop on load chain.
  - High resistance lifting chair, with minimum safety coefficient of 5.
- OPTIONS** : Load limiter, stainless chain, chrome-plated block unit.



P.H.R. hoists can be easily suspended from one of our range of hoist trolleys, for travelling along a monorail beam. See our leaflet J 12.U.

The P.H.R. is distributed in more than 70 countries.

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## GENERAL CHARACTERISTICS AND DIMENSIONS

Fig.	Capacity kg	HOIST TYPE	LIFTING CHAIN				WEIGHT			Chain weight per metre lb	DIMENSIONS					Error on hand wheel	Hand chain movement for 1m of lift
			No of legs	Dia. x pitch mm	Chain gauge mm	HAND CHAIN Dia x pitch mm	Without chain kg	Lc 3m kg	A mm		B1 mm	B2 mm	C mm	D mm			
															kg		
343	250	P-HR 0	1	5 x 15	50	5 x 27,1	4	10	2	300	50	100	70	60	20	19	
	500	P-HR 1	1	6,5 x 19,5	50	5 x 27,1	9	14	2,5	320	65	115	93	71	25	29	
	1000	P-HR 2	1	6,5 x 19,5	80	5 x 27,1	10	15	2,5	350	65	115	93	71	27	43	
343	1600	PHR 1	2	6,5 x 12,5	80	5 x 27,1	12	20	3,5	450	80	155	93	71	29	86	
	2000	PHR 2	2	6,5 x 12,5	80	5 x 27,1	13	21	3,5	470	80	155	93	71	32	86	
343	2000	PHR 3	1	11,5 x 33	80	5 x 27,1	25	38	4,5	485	105	210	115	100	23	98	
	3200	PHR 3	1	11,5 x 33	80	5 x 27,1	25	38,5	4,5	535	105	210	115	100	37	98	
344	4000	PHF 3	2	11,5 x 33	80	5 x 27,1	42	63	7,5	740	115	310	115	100	32	196	
	5000	PHR 3	2	11,5 x 33	80	5 x 27,1	42	67	7,5	740	115	310	115	100	32	196	
	6000	PHF 3	2	11,5 x 33	80	5 x 27,1	44	65	7,5	750	115	310	115	100	40	196	
345	8000	PH-F 3	3	11,5 x 33	80	5 x 27,1	64	104	10,5	800	150	320	115	100	38	204	
	10000	PH-F 3	4	11,5 x 33	80	5 x 27,1	102	141	14	1000	180	375	115	100	39	332	
	12500	PH-F 3	4	11,5 x 33	80	5 x 27,1	114	153	14	1050	183	375	115	100	40	392	
347	18000	PH-R 3	2 x 4	11,5 x 33	80	5 x 27,1	205	273	27,5	1370	414	418	200	200	30*	4'0"	
	20000	PH-R 3	3 x 4	11,5 x 33	80	5 x 27,1	296	373	27,5	1970	412	418	200	200	38*	4'0"	

\* For one block



## GENERAL CHARACTERISTICS OF HOIST WITH BUILT IN TROLLEY

Capacity	HOIST TYPE	Crosshead		Beam rail		Tack radius		WIRE TAIL in 3 m	
		N°	Width mm	Width mm Max	Height mm	IPS min	PE min	Push kN	Climb Travel
kg				mm	mm	m	m	kN	m
500	PHR	051	73	50-91	100	1	1,5	21	26
		062	96	89-106	100	1	1,5	21	26
		201	106	91-113	120	1	2	25	31
		103	143	16-143	171	2	2	25	31
		104	167	17-160	180	1,5	2	33	36
		106	217	195-260	180	0	2	10	10
1000	PHR 1	107	257	280-300	180	0	2	16	42
		101	90	64-74	120	1	2	25	31
		201	106	91-113	120	1	2	25	31
		102	143	16-143	120	2	2	25	31
		104	167	17-160	150	1,5	2	34	36
		106	217	158-260	150	0	2	34	36
1500 and 2000	PHR 1	107	257	280-300	180	0	2	34	36
		201	106	91-113	150	2	2,5	36	42
		103	143	17-143	180	2	2,5	10	11
		104	167	17-160	180	1,5	2	38	45
		105	217	158-260	180	0	2	-	-
		107	257	280-300	180	0	2	-	-
2000	PHR 2	201	106	91-113	150	2	2,5	68	63
		103	143	17-143	150	2	2,5	50	63
		104	167	17-160	180	1,5	2	58	63
		105	217	158-260	180	0	2	58	63
		107	257	280-300	180	0	2	58	63
		3211*	123	89-120	180	2,0	2,5	-	-
5000	PHR 3	3222*	163	125-160	180	2,5	2,5	84	90
		3233*	205	165-200	180	2,5	2,5	-	-
		3242*	242	208-240	200	0	2	88	94
		3253*	289	248-280	200	0	2	-	-
		3264*	330	288-310	210	0	2	-	-
		3211*	123	89-120	230	2,5	2,5	-	-
4000	PHR 3	3222*	163	125-160	230	2,5	2,5	127	135
		3233*	205	165-200	230	2,5	2,5	10	10
		3242*	242	208-240	230	2,5	2,5	131	139
		3253*	289	248-280	230	-	2,5	-	-
		3264*	330	288-310	230	-	2,5	-	-
		3211*	123	89-120	230	2,5	2,5	-	-
5000	PHR 3	3222*	163	125-160	230	2,5	2,5	125	137
		3233*	205	165-200	230	2,5	2,5	10	10
		3242*	242	208-240	230	2,5	2,5	130	141
		3253*	289	248-280	230	-	2,5	-	-
		3264*	330	288-310	230	-	2,5	-	-
		3211*	123	89-120	230	2,5	2,5	-	-
7000	PHR 3	3222*	163	125-160	230	2,5	2,5	-	175
		3233*	205	165-200	230	2,5	2,5	-	10
		3242*	242	208-240	230	2,5	2,5	-	183
		3253*	289	248-280	230	-	2,5	-	-
		3264*	330	288-310	230	-	2,5	-	-
		3211*	123	89-120	230	2,5	2,5	-	-
8000 and 10000	PHR 3	8011*2	162	95-131	200	6	6	-	264 to
		8021*2	202	140-175	200	6	6	-	272
		8031*2	242	180-218	200	6	6	-	301 to
		8041*2	284	220-250	200	6	6	-	309
		8051*2	330	266-310	200	6	6	-	-
12000	PHR 3	8011*3	132	98-117	200	6	6	-	325
		8021*3	202	140-178	200	6	6	-	10
		8031*3	242	180-218	200	6	6	-	331
		8041*3	284	220-250	200	6	6	-	-
		8051*3	330	266-310	200	6	6	-	-
15000 and 20000	PHR 3	Depending upon user's wish, specify with order		125-210	340	-	-	-	719
		215-300	-	-	-	-	-		

\* Characteristics and dimensions may be modified without notice.



CHAIN HOIST DEPARTMENT

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