



Polipastos y cabestrantes

Pneumatic Chain Hoist

Pneumatic Chain Hoist combined with monorail trolley

Ref. 29/06 APH - with hand geared trolley

Ref. 29/06 APP - with pneumatic trolley

Serial model

- Ultralow headroom configuration
- Incorporating Pneumatic Chain Hoist Type 70/04 AP
- Hoist protection by slipping-clutch up to 10t/ 4 chain falls
- Hoist protection by main air supply cut-off from 10t/ 2 chain falls up
- Pneumatic trolley with rubber end stops and travel speed 8,0 m/min
- Limit switch, lifting/ lowering
- Manufactured in Germany

As option:

- Stainless steel load and
- hand chain
- Bronze plated hook and
- trolley wheels
- Rack and pinion drive
- Trolley limit switch
- Special configuration for easier
- underside mounting
- Offshore specification

•  - version

  II 2G IIB c T4

  II 2D c 135°C



Zinc plated high quality RUD load chain with improved tolerances to achieve smooth running and to reduce wear

Notes for dimensioning of beam

for HADEF Chain Hoists, ultralow headroom, Type 29/06

We like to point out that the patented kind of chain deflection, used to achieve ultralow headroom configuration, leads to symmetric shifting. This is shown by oscillations during lifting and lowering.

Please stop the hoist in this case for some time to let the equipment settle down before operating again. This phenomenon is no mistake, it is a characteristic feature of the ultralow headroom hoist.

Therefore, it is very important to choose a sufficiently stable beam (at least lifting class H3 acc. to DIN 15018). Please take into consideration that wheel pressure (for hoists with trolley) differs for the trolley wheels.

Please take the proper weight of hoist and beam into consideration and consult a static engineer in case of doubt!

We have designed our Type 29/06 E - Synchro to avoid symmetric shifting.

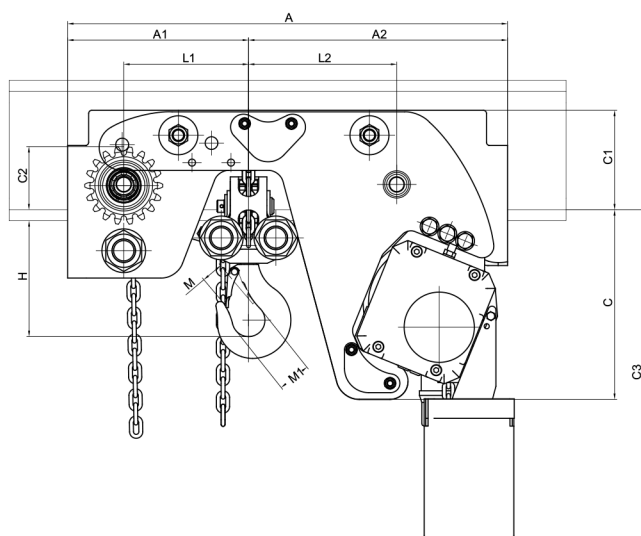
Carefully read the operating and installation instructions which provide additional important instructions.

Pneumatic Chain Hoist

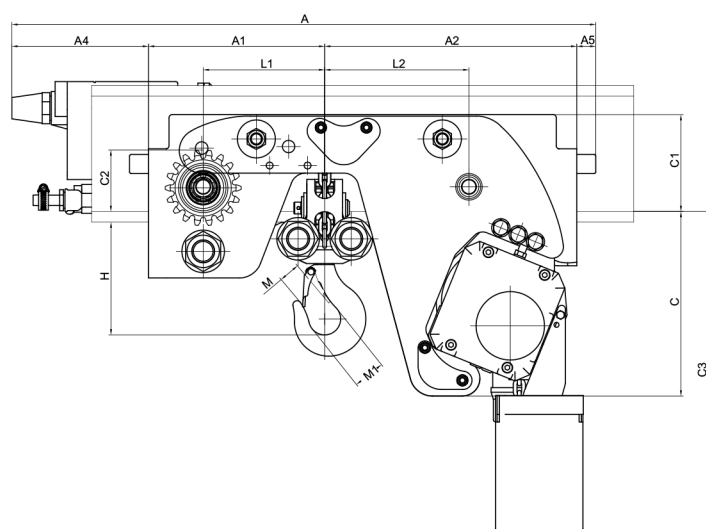
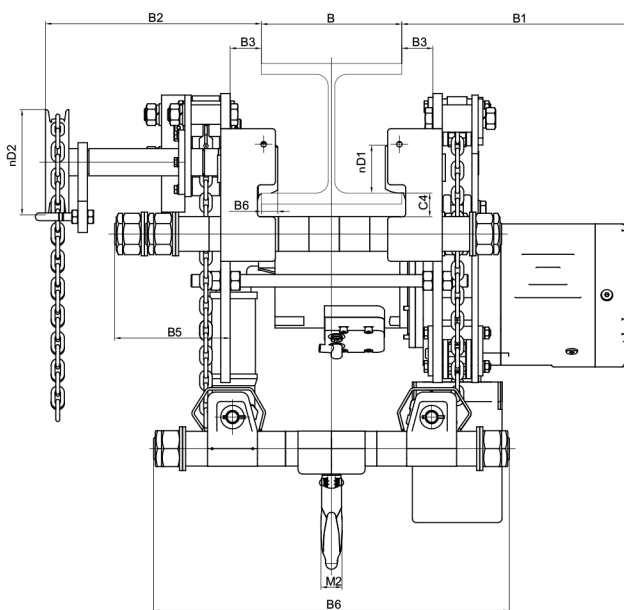
Ref. 29/06 AP

capacity	chain falls	load chain	hook to hook dimension	speed		air supply	air consumption	flange width	weight		
kg	no.	mm	mm	Lifting m/min	Lowering m/min		m³/min	mm	at 3 m track height kg	per add. m lift kg	
1000	2	5,0 x 15	155	3,2	3,9	R 1/2"	1,4	74 - 130	135	2,3	
2000	2	7,0 x 21	185	3,0	2,7	R 3/4"	2,4	82 - 306	220	3,5	
2500	2	9,0 x 27	213	3,3	4,0		R 1"	3,3	106 - 310	240	4,9
3200	2		276	1,65	2,0	250					
5000	4		280	(1)					119 - 310	420	8,5
	2	11,3 x 31	(1)					(1)		4,9	
6300	2	9,0 x 27	276	1,65	2,0	R 1"	3,3	119 - 310		420	8,5
10000	4	16,0 x 45	305	(1)					(1)		
	2		380	0,7	0,9	R 1"	3,3		155 - 310	1060	13,7
12000	2		407	0,35	0,45			185 - 310	1065		
15000	4		487						1665	29	
20000	4		560	0,3	0,35				1680		
25000	6		710	0,25	0,3				2380	42	
30000	6		730	0,35	0,45			300 - 400	(1)	56	
40000	2 x 4		70								
50000	2 x 5										

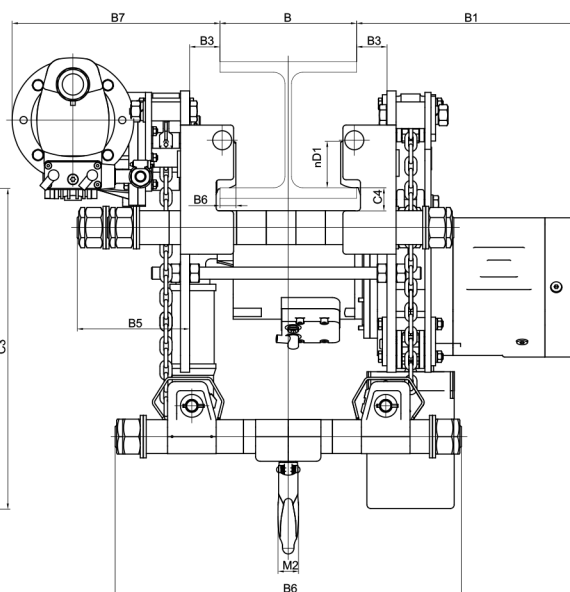
(1) on request



Figur / Type / Série 29/06 APH 1t - 10/4 t



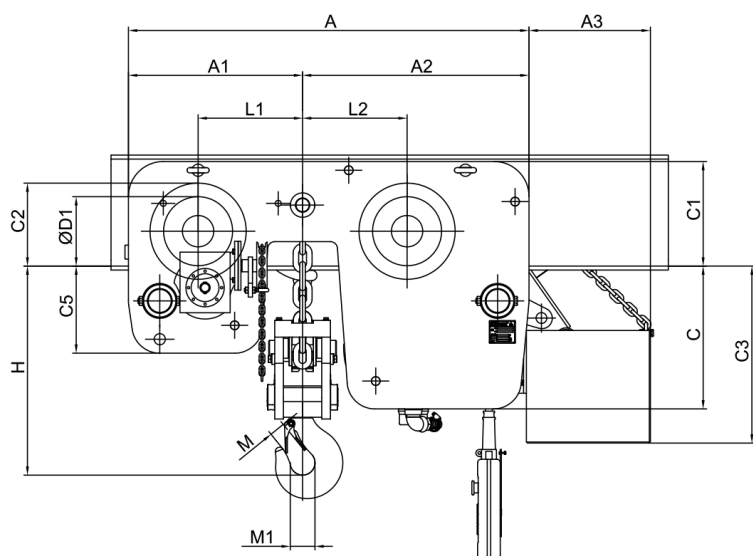
Figur / Type / Série 29/06 APP 1t - 10/4 t



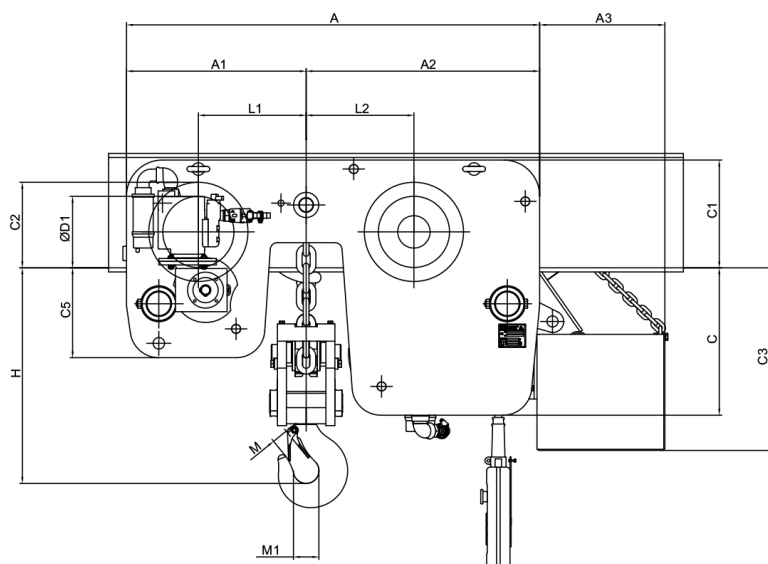
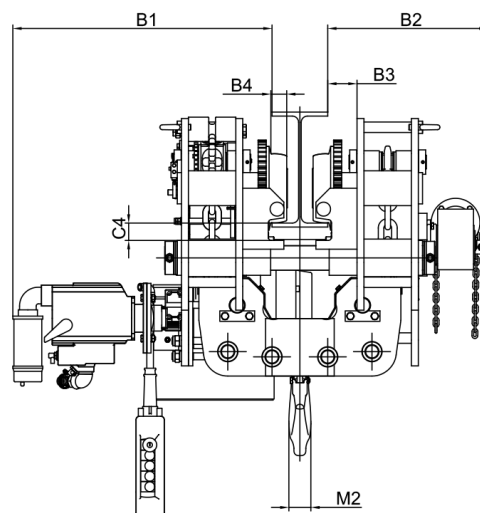
Pneumatic Chain Hoist

capacity			t	1	2	2,5	3,2	5	5	6,3	10		
chain falls				2	2	2	2	4	2	4	4		
main dimensions in mm	A ²⁾			769	884	917		1004		dimensions on request	1004	dimensions on request	
	A1			232	262	325		410			410		
	A2			332	432	480		520			520		
	A4			180	165	92		54			54		
	A5			25		20					20		
	B1			294	348	415		419			419		
	B2			277	286	293		307			307		
	B3			40	43	48		47			47		
	B4			21	22	25		39			39		
	B5	with load bar size	1	130	136	243		188			188		
			2	176	185	211		189			189		
			3	188	223	-		-			-		
	B6		1	456	486	516		472			472		
			2	456	486	603		600			600		
			3	548	582	-		-			-		
	B7			274	283	318		315			315		
	B8			7	10	13		15			15		
	C			243	327	366		360			360		
	C1			128	167	199		205			205		
	C2			82	107	150		185			185		
	C3 ²⁾			460	540	640					640		
	C4			30	28	45		42			42		
	D1			65	85	120		150			150		
	D2			135			195				195		
	H			155	185	213		265			265		
	L1			160	170	200		270			270		
	L2			190	235	265		310			310		
	M			23	32	38		45			45		
	M1			36	43	50		63			63		
	M2			22	29	38		53			53		

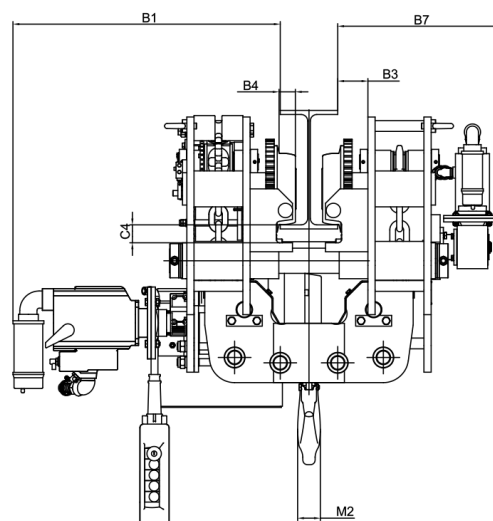
²⁾ for standard suspension height 3m.



Figur / Type / Série 29/06 APH, 10 T – 60 T



Figur / Type / Série 29/06 APP, 10 T – 60 T



Pneumatic Chain Hoist

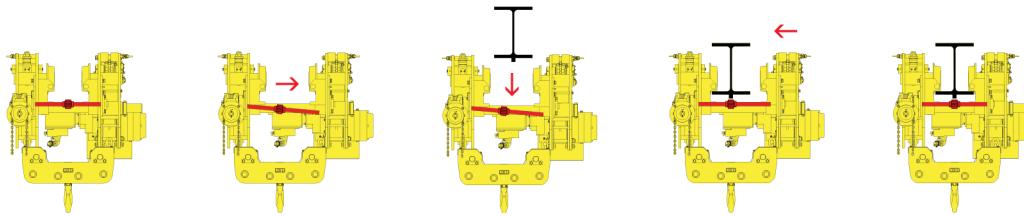
capacity		t	10	12	16	20	25	30	40	50	60	
chain falls			2	2	4	4	6	6	8	10	12	
main dimensions in mm	A	1150			1465		2200		2346	2522	(1)	
	A1	500			650		350		744	400		
	A2	650			800		1130		1173	1261		
	A3	350					95		161	311		
	B1	744			746		(1)					
	B2	400					454		-			
	B3	84			85		128		118			
	B4	45			62		57		60			
	B7	455			452		(1)					
	C	410			365		371		387	411		
	C1	300			410		469					529
	C2	236			341		292		341			
	C3	530					626		411	641		
	C4	51			44		75		81	100		
	C5	250			305		261		387	411		
	D1	198			298		248		298			
	D2	365			440		365		-			
	H	380			407	487	560		630	670		
	L1	300			400		630		683	772		
	L2	300			400		690		683	772		
	M	45			55	69	71		85	95		
	M1	71			90	100				125		140
	M2	53			80	90				112		125

⁽¹⁾ dimensions on request.

Special configuration

Extended load bolt

The side plates can be pushed apart. This makes it easier to assemble the hoist from underside the beam.



Rack and pinion drive

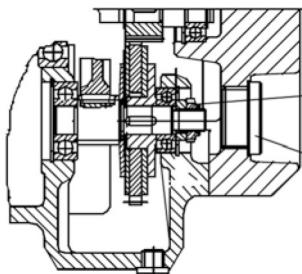


29/06 APH. with hand geared trolley

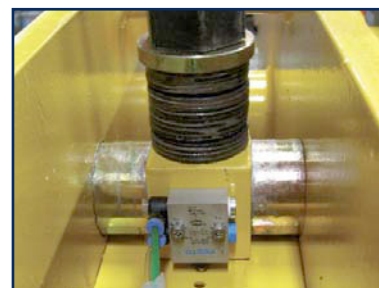


29/06 APP. with pneumatic trolley

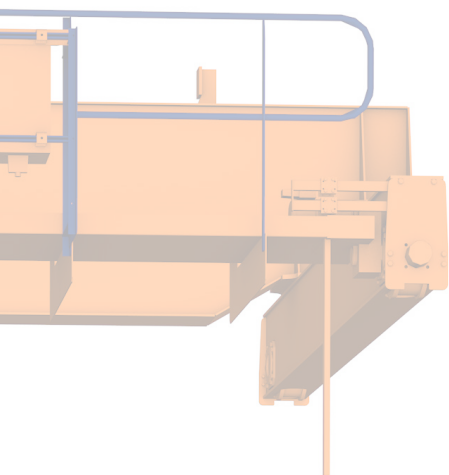
Hoist protection



AP 4-8 – up to 10 t/4 chain falls with slipping clutch.

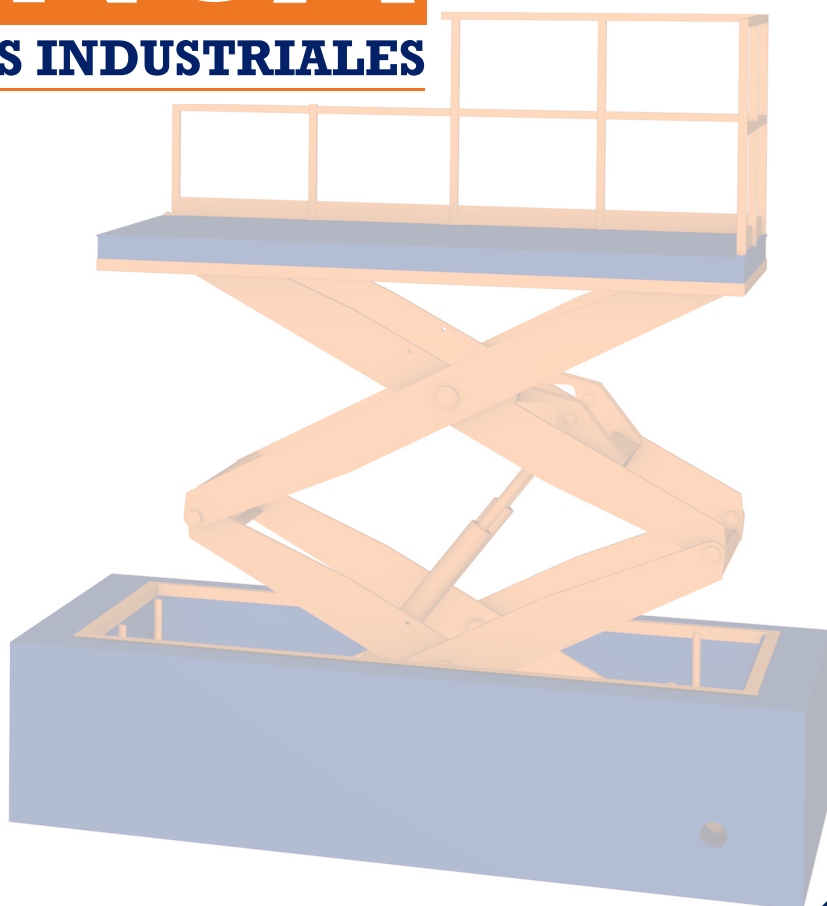


AP 9 – from 10 t/2 chain falls up with mechanic hoist protection by air supply cut-off.



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Ⓔ ATEX classified equipment as option.



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