



Designation

01 CT 3 05 H13 V1 - 2/1 M1 E N 20

traveling speed (value), m/min

- fixed
- N monorail trolley -normal headroom
- K monorail trolley -low headroom
- D double rail trolley

- fixed
- E electric trolley
- R geared trolley

- single hoisting speed
- M double hoisting speeds (M1;M2)

reeving

separation symbol

V hoisting speed (V1;V2)

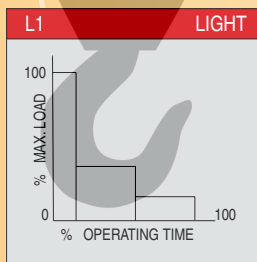
H hoisting height, m

drum hoisting force code, kN

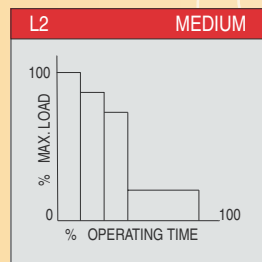
size code (3; 4; 5; 6; 7)

CT rope electric hoist type

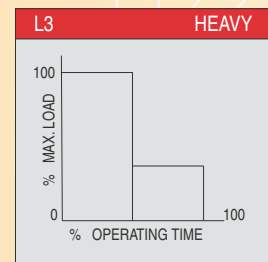
- stop button
- 01 stop button and lock key
- 02 stop button and start button
- 03 stop button, lock key and start button



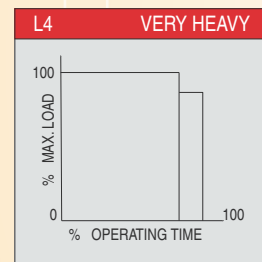
The mechanisms are usually submitted to very small loadings and only in extreme cases to maximum loadings



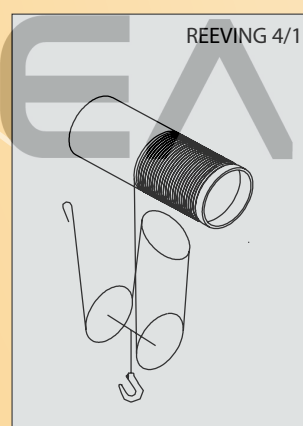
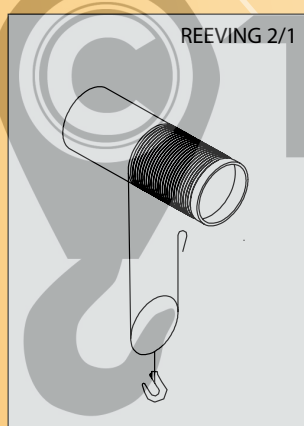
The mechanisms are usually submitted to small loadings, but more frequently to maximum loadings



The mechanisms are usually submitted to medium loadings, but frequently repeated maximum loadings



The mechanisms are usually submitted to the maximum or near the maximum loadings



LOAD SPECTRUM		TOTAL OPERATING TIME (h)		
L1	LIGHT	6300	12500	25000
L2	MEDIUM	3200	6300	12500
L3	HEAVY	1600	3200	6300
L4	VERY HEAVY	800	1600	3200
GROUP	FEM 9.511	1Am	2m	3m
	ISO 4301	M4	M5	M6
CAPACITY [kg]		TYPE CT		
REEVING 2/1	REEVING 4/1			
-	1600	-	-	304
1000	2000	-	305	-
1600	3200	-	-	408
2000	4000	-	410	-
2500	5000	-	-	512
3200	6300	-	516	-
4000	8000	-	-	620
5000	10000	-	625	-
6300	12500	-	732	-
8000	16000	740	-	-

Capacity kg	Type	Group		Hoisting weight m					Hoisting speed m/min				Rope diameter mm
		FEM	ISO	H1	H2	H3	H4	H5	V1	V2	M1	M2	
1000	CT305-2/1	2m	M5	6	10	13	20	27	8	12	2	1.4	7
1600	CT304-4/1	3m	M6	-	-	6.5	10	13.5	4	6	1	0.7	7
	CT408-2/1			9	12	20	26	8	12	2	1.4	10	
2000	CT305-4/1	2m	M5	-	-	6.5	10	13.5	4	6	1	0.7	7
	CT410-2/1			5.5	9	12	20	26	8	12	2	1.4	10
2500	CT512-2/1	3m	M6	5.5	9	12	18	25	8	12	2	1.4	12
3200	CT408-4/1	3m		-	-	6	10	13	4	6	1	0.7	10
	CT516-2/1	2m	5.5	9	12	18	25	8	12	2	1.4	12	
4000	CT410-4/1	2m	M5	-	-	6	10	13	4	6	1	0.7	10
	CT620-2/1	3m		8	11	17	23	8	12	2	1.4	15	
5000	CT512-4/1	3m	M6	-	-	6	9	12.5	4	6	1	0.7	12
	CT625-2/1	2m		8	11	17	23	8	12	2	1.4	15	
6300	CT516-4/1	2m	M5	-	-	6	9	12.5	4	6	1	0.7	12
	CT732-2/1			8	12	17	23	8	-	2	-	18	
8000	CT620-4/1	3m	M6	-	-	5.5	8.5	11.5	4	6	1	0.7	15
	CT740-2/1	1Am		M4	8	12	17	23	8	-	2	-	18
10000	CT625-4/1	2m	M5	-	-	5.5	8.5	11.5	4	6	1	0.7	15
12500	CT732-4/1	2m	M5	-	-	6	8.5	11.5	4	-	1	0.7	18
16000	CT740-4/1	1Am	M4	-	-	6	8.5	11.5	4	-	1	0.7	18

Type	Basic speed	Electric motors for hoisting (voltage, current)					
		Single speed		Double speeds			
		kW	A	V.../M1		V.../M2	
CT305	V1	1.5	5.8	1.5/0.33	5.0/3.7	1.5/0.3	5.1/5.5
	V2	2.3	6	2.2/0.33	6.2/3.7	2.2/0.3	7/5.5
CT410	V1	3	11	3/0.7	7.5/6	3/0.5	8.5/10
	V2	4.5	12	4.5/0.7	9.5/6	4.5/0.5	11/10
CT516	V1	4.5	12.3	4.8/1	12/11	4.8/0.8	12/15
	V2	7.5	17	7.5/1	15/11	7.5/0.8	15/15
CT625	V1	8	24.5	8/1.7	18/15	8/1.5	19/30
	V2	12	28	12.5/1.7	23/15	12.5/1.5	28/30
CT740	V1	12.5	36	(13/3)*	(30/40)*	-	-
CD [%]		40		50/25;*(40/10)		40/10	
SF [h ⁻¹]		240		300;*(240)		240	

Type	Speed m/min	Electric motors for travelling (voltage, current)			
		Hoisting heights: H1, H2, H3		Hoisting heights: H4, H5	
		kW	A	kW	A
CT305-2/1	8; 10; 12; 15; 20	0.12	0.84	2 x 0.12	2 x 0.84
	32	0.18	1.2	2 x 0.18	2 x 1.2
CT305-4/1	12/4; 15/5; 20/6.5; 32/10	0.18/0.06	1.2/1.4	2 x 0.18/0.06	2 x 1.2/1.4
	8; 10; 12; 15; 20	0.25	1.2	2 x 0.12	2 x 0.84
CT410-2/1	32	0.37	1.5	2 x 0.18	2 x 1.2
	12/4; 15/5; 20/6.5; 32/10	0.37/0.11	1.4/1.7	2 x 0.18/0.06	2 x 1.2/1.4
CT410-4/1	8; 10; 12; 15; 20	0.25	1.2	2 x 0.25	2 x 1.2
	32	0.37	1.5	2 x 0.37	2 x 1.5
CT516-2/1	12/4; 15/5; 20/6.5; 32/10	0.37/0.11	1.4/1.7	2 x 0.37/0.11	2 x 1.4/1.7
	8; 10; 12	0.25	1.2	2 x 0.25	2 x 1.2
CT516-4/1	15	0.37	1.5	2 x 0.25	2 x 1.2
	20	0.37	1.8	2 x 0.25	2 x 1.2
CT625-2/1	32	0.55	2.1	2 x 0.37	2 x 1.5
	12/4; 15/5; 20/6.5	0.37/0.11	1.4/1.7	2 x 0.37/0.11	2 x 1.4/1.7
CT625-4/1	32/10	0.55/0.18	2.1/2.5	2 x 0.37/0.11	2 x 1.4/1.7
	8; 10; 12			2 x 0.25 [kW]; 2 x 1.2 [A]	
CT740-2/1	15			2 x 0.37 [kW]; 2 x 1.5 [A]	
	20			2 x 0.37 [kW]; 2 x 1.7 [A]	
CT732-4/1	32			2 x 0.55 [kW]; 2 x 2.1 [A]	
	12/4; 15/5; 20/6.5			2 x 0.37/0.11 [kW]; 2 x 1.4/1.7 [A]	
	32/10			2 x 0.55/0.18 [kW]; 2 x 2.1/2.5 [A]	

ROPE ELECTRIC HOISTS



