



Electric chain hoist DTS

Features

- » Robust housing made of aluminium. Housing covers made of steel.
- » Suitable for a wide range of industrial applications.
- » Swivel load hook with safety latch.
- » Easy to disassemble for maintenance purposes.
- » Control system with SIEMENS relays.
- » Permanently lubricated transmission, ensures smooth and quiet operation.
- » Supplied with control switch, power cable and chain container.
- » Complies with the Machinery Directive 2006/42/EC. Supplied with test certificate, CE declaration of conformity and operating instructions.



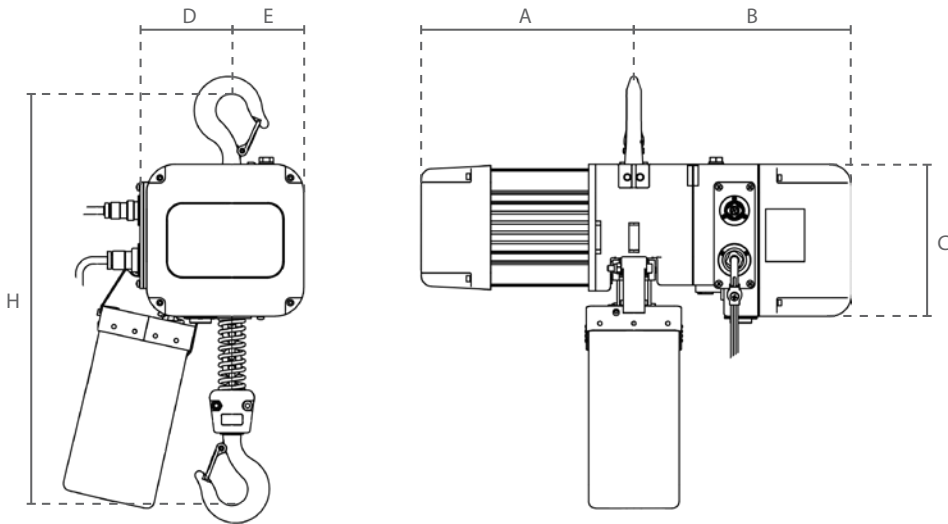
Specifications							
Article code	Capacity ton	Lifting speed m/min	Load chain Øxmm	Chain falls	Power output kW	Net weight kg	Extra weight kg/m
SG.0.DTS.00251	0,250	7	5 x 15	1	0,45	42	0,55
SG.0.DTS.00252	0,250	7 / 2,3	5 x 15	1	0,45 / 0,15	50	0,55
SG.0.DTS.00501	0,500	7,6	6,3 x 19	1	0,9	43	0,86
SG.0.DTS.00502	0,500	7,6 / 2,5	6,3 x 19	1	0,9 / 0,3	51	0,86
SG.0.DTS.01001	1,000	5	8 x 24	1	1,1	46	1,4
SG.0.DTS.01002	1,000	5 / 1,7	8 x 24	1	1,1 / 0,37	58	1,4
SG.0.DTS.02201	2,000	2,5	8 x 24	2	1,1	52	2,8
SG.0.DTS.02202	2,000	2,5 / 0,85	8 x 24	2	1,1 / 0,37	65	2,8
SG.0.DTS.02101	2,000	5,3	10 x 30,2	1	3	94	2,2
SG.0.DTS.02102	2,000	5,3 / 1,8	10 x 30,2	1	3 / 1	115	2,2
SG.0.DTS.03001	3,000	6	11,2 x 34	1	3	94	2,7
SG.0.DTS.03002	3,000	6 / 2	11,2 x 34	1	3 / 1	116	2,7
SG.0.DTS.05001	5,000	3	11,2 x 34	2	3	108	5,4
SG.0.DTS.05002	5,000	3 / 1	11,2 x 34	2	3 / 1	130	5,4
SG.0.DTS.07501	7,500	2	11,2 x 34	3	3	159	8,1
SG.0.DTS.07502	7,500	2 / 0,6	11,2 x 34	3	3 / 1	184	8,1
SG.0.DTS.10001	10,000	3	11,2 x 34	4	2 x 3	219	10,8
SG.0.DTS.10002	10,000	3 / 1	11,2 x 34	4	2 x 3 / 1	263	10,8
SG.0.DTS.15001	15,000	2	11,2 x 34	6	2 x 3	262	16,2
SG.0.DTS.15002	15,000	2 / 0,6	11,2 x 34	6	2 x 3 / 1	335	16,2

Specifications	
Operating voltage	400-440V / 50-60Hz / 3Ph
Lifting speed	Single or double speed
Load chain	Galvanised RUD® load chain according to EN 818-7-DAT/DT
Control cable	Standard lengths supplied to match the lifting height. With plug connection.
Power cable	1 meter without plug
Housing protection	IP 55
Control protection	IP 65
Classification	M5/2m (ISO/FEM)
Duty cycle / Starts per hour	40% / 240
Insulation class	F
Operating temperature	-10°C - +40°C
Load type	Goods, may not be used to lift or transport people



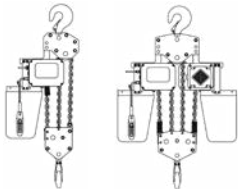
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Protection	
Control switch	24V pendant control with emergency stop
Overload protection	Adjustable slip clutch
Brake	Electromagnetic spring pressure brake, holds the load in the event of power failure
Limit switch	Electro-mechanical upper and lower limit switch
Thermal protection	Protected through heat sensor
Phase sequence protection	Equipped with a phase sequence protector to guard the hoist against potential damage due to sequence change.



0,250 - 5 ton

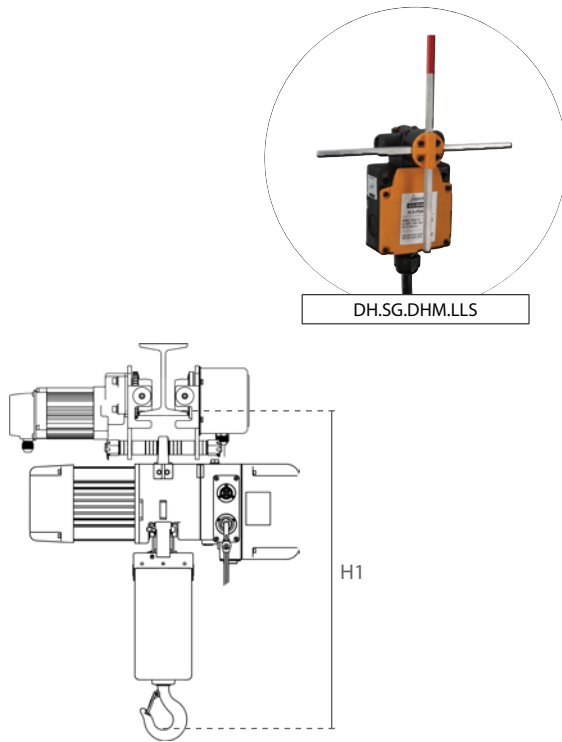
Dimensions (mm)						
Article code	A	B	C	D	E	H
SG.0.DTS.00251	302	307	214	129	102	402
SG.0.DTS.00252	334	307	214	129	102	402
SG.0.DTS.00501	302	307	214	129	102	443
SG.0.DTS.00502	334	307	214	129	102	443
SG.0.DTS.01001	302	307	214	129	102	533
SG.0.DTS.01002	354	307	214	129	102	533
SG.0.DTS.02201	302	307	214	174	57	702
SG.0.DTS.02202	354	307	214	174	57	702
SG.0.DTS.02101	399	336	260	176	166	633
SG.0.DTS.02102	469	336	260	176	166	633
SG.0.DTS.03001	399	336	260	176	166	633
SG.0.DTS.03002	469	336	260	176	166	633
SG.0.DTS.05001	399	336	260	232	110	915
SG.0.DTS.05002	469	336	260	232	110	915
SG.0.DTS.07501						
SG.0.DTS.07502						
SG.0.DTS.10001						
SG.0.DTS.10002						
SG.0.DTS.15001						
SG.0.DTS.15002						



more dimensions » www.deltahoist.com



Electric chain hoist DTS



SG.0.DTD

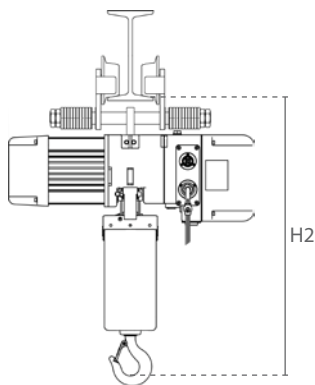
Features

- » Electric chain hoist mounted on low headroom (electric) trolley.
- » Balance support wheels enable smooth travelling along the beam.
- » Safety bars serve as fall-, breaking- and impact protection. Additionally equipped with tilting protection.
- » Permanently lubricated, ball bearing mounted wheels allow for smooth traversing.
- » Suitable for most I- and H-beam profiles.

Article code	Capacity ton	Chain falls	Specifications		Beam width mm	Net weight kg	Min. height (H1) mm
			Traversing speed m/min				
SG.0.DTD.00251	0,250	1	13,5		74-300	66	480
SG.0.DTD.00252	0,250	1	20 / 6,7		74-300	81	480
SG.0.DTD.00501	0,500	1	13,5		74-300	69	480
SG.0.DTD.00502	0,500	1	20 / 6,7		74-300	84	480
SG.0.DTD.01001	1,000	1	13,5		74-300	72	510
SG.0.DTD.01002	1,000	1	20 / 6,7		74-300	91	510
SG.0.DTD.02201	2,000	2	13,5		74-300	88	695
SG.0.DTD.02202	2,000	2	20 / 6,7		74-300	105	695
SG.0.DTD.02101	2,000	1	13,5		100-300	146	665
SG.0.DTD.02102	2,000	1	20 / 6,7		100-300	171	665
SG.0.DTD.03001	3,000	1	13,5		100-300	146	665
SG.0.DTD.03002	3,000	1	18 / 6		100-300	172	665
SG.0.DTD.05001	5,000	2	13,5		100-300	176	885
SG.0.DTD.05002	5,000	2	18 / 6		100-300	206	885
SG.0.DTD.07501	7,500	3	11		150-300	285	1035
SG.0.DTD.07502	7,500	3	11 / 3,5		150-300	329	1035
SG.0.DTD.10001	10,000	4	11		150-300	320	1100
SG.0.DTD.10002	10,000	4	11 / 3,5		150-300	364	1100
SG.0.DTD.15001	15,000	6	11		150-300	400	1250
SG.0.DTD.15002	15,000	6	11 / 3,5		150-300	450	1250



Electric chain hoist DTS



SG.0.DTY

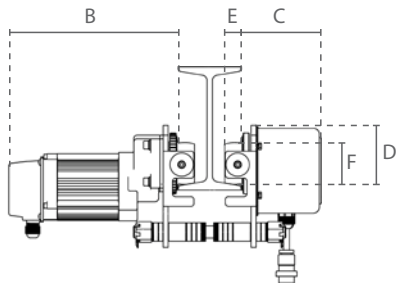
Features

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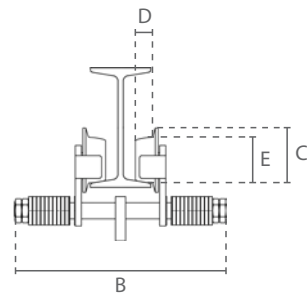
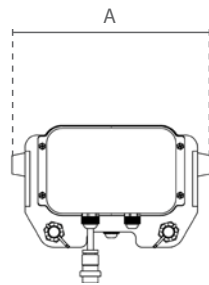
Specifications					
Article code	Capacity	Chain falls	Beam width	Net weight	Min. height (H2)
	ton		mm	kg	mm
SG.0.DTY.00251	0,250	1	74-300	58	480
SG.0.DTY.00252	0,250	1	74-300	66	480
SG.0.DTY.00501	0,500	1	74-300	59	480
SG.0.DTY.00502	0,500	1	74-300	67	480
SG.0.DTY.01001	1,000	1	74-300	62	510
SG.0.DTY.01002	1,000	1	74-300	74	510
SG.0.DTY.02201	2,000	2	74-300	74	695
SG.0.DTY.02202	2,000	2	74-300	87	695
SG.0.DTY.02101	2,000	1	100-300	130	665
SG.0.DTY.02102	2,000	1	100-300	151	665
SG.0.DTY.03001	3,000	1	100-300	130	665
SG.0.DTY.03002	3,000	1	100-300	152	665
SG.0.DTY.05001	5,000	2	100-300	166	885
SG.0.DTY.05002	5,000	2	100-300	188	885



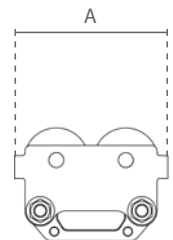
Electric chain hoist DTS



SG.0.DHM



SG.0.026



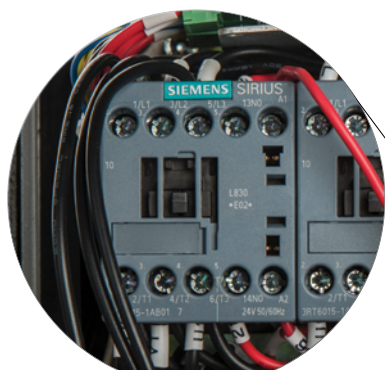
Article code	Capacity ton	Specifications			Dimensions (mm)					
		Power output kW	Min. radius m	Net weight kg	A	B	C	D	E	F
SG.0.DHM.00251	0,250	0,2 / 0,07	1	24	322	280	134	96	22	68
SG.0.DHM.00252	0,250	0,2 / 0,07	1	31	322	280	134	96	22	68
SG.0.DHM.00501	0,500	0,2 / 0,07	1	26	322	280	134	96	22	68
SG.0.DHM.00502	0,500	0,2 / 0,07	1	33	322	280	134	96	22	68
SG.0.DHM.01001	1,000	0,2 / 0,07	1	26	322	280	134	96	22	68
SG.0.DHM.01002	1,000	0,2 / 0,07	1	33	322	280	134	96	22	68
SG.0.DHM.02201	2,000	0,4 / 0,13	1	36	322	282	136	103	22	75
SG.0.DHM.02202	2,000	0,4 / 0,13	1	40	322	282	136	103	22	75
SG.0.DHM.02101	2,000	0,4 / 0,13	3	52	388	308	140	127	26	96
SG.0.DHM.02102	2,000	0,4 / 0,13	3	56	388	308	140	127	26	96
SG.0.DHM.03001	3,000	0,4 / 0,13	3	52	388	308	140	127	26	96
SG.0.DHM.03002	3,000	0,4 / 0,13	3	56	388	308	140	127	26	96
SG.0.DHM.05001	5,000	0,75	3	68	428	310	142	132	29	110
SG.0.DHM.05002	5,000	0,75 / 0,25	3	76	428	310	142	132	29	110
SG.0.DHM.07501										
SG.0.DHM.07502										
SG.0.DHM.10001										
SG.0.DHM.10002										
SG.0.DHM.15001										
SG.0.DHM.15002										

more dimensions » www.deltahoist.com

Specifications				Dimensions (mm)				
Article code	Capacity	Min. radius	Net weight	A	B	C	D	E
	ton	m	kg					
SG.0.02600250	0,250	1	16	238	385	70	22	58
SG.0.02600500	0,500	1	16	238	385	70	22	58
SG.0.02601000	1,000	1,2	16	273	408	109	28	90
SG.0.02602200	2,000	1,2	22	273	430	109	28	90
SG.0.02602100	2,000	1,6	36	636	488	129	28	110
SG.0.02603000	3,000	1,6	36	636	488	129	38	110
SG.0.02605000	5,000	1,8	58	636	488	141	38	122



Electric chain hoist DTS



Reliable relays



Upper and lower limit micro switch



RUD[®] load chain



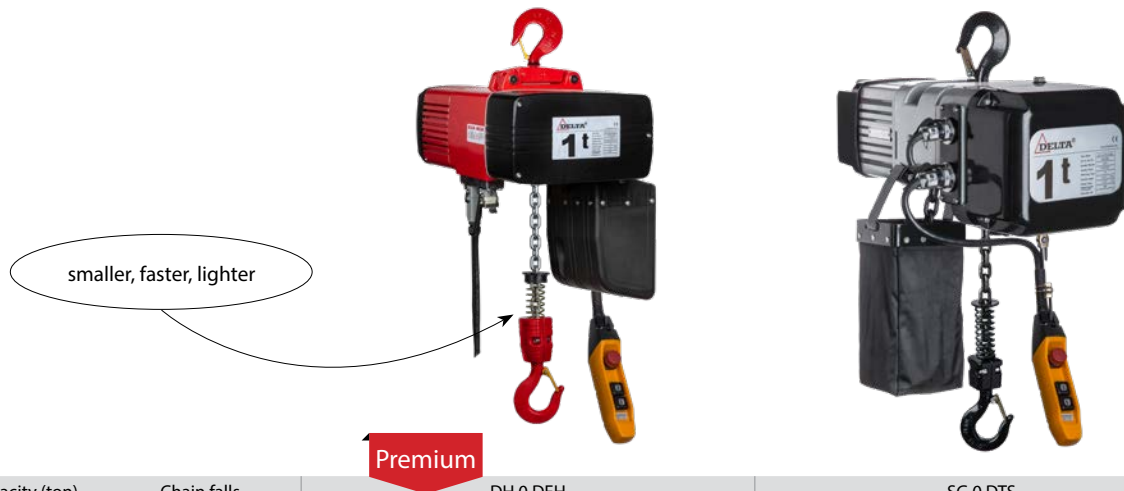
Convenient plug&play connections



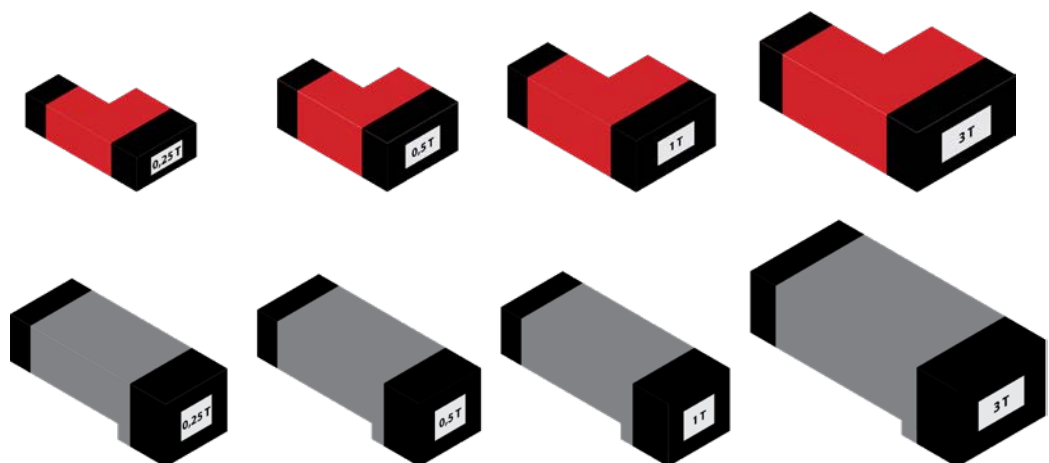
High quality, durable chain end buffer



Electric chain hoist comparison 400V



	Capacity (ton)	Chain falls	DH.0.DEH	SG.0.DTS
Lifting speed m/min	0,250	1	8 / 2	7 / 2,3
	0,500	1	8 / 2	7,6 / 2,5
	1,000	1	8 / 2	5 / 1,7
	2,000	2	4 / 1	2,5 / 0,85
	3,000	1	6 / 1,5	6 / 2
	5,000	2	3 / 0,75	3 / 1
Net weight kg	0,250	1	21	50
	0,500	1	31	51
	1,000	1	49	58
	2,000	2	51	65
	3,000	1	91	116
	5,000	2	102	130
Available with	mounted push trolley		✓	✓
	mounted electric trolley		✓	✓
	plug&play radio remote control		✓	✓
	eye suspension & protective cover		✓	✗



Housing protection	IP 55		
Classification / Duty cycle	3,000 ton	M5/2m 40%	
		M4/1Am 30%	M5/2m 40%
Control voltage	24V		
Overload protection	Slip clutch		
Limit switch	Micro switch for highest and lowest position		
Load chain	RUD®		
Relays	SIEMENS / EATON		