

Secondary cargo hook with swivel, manual cargo release: SLE load element for drones and helicopters

Recommendations

- The load element must be heavy enough to prevent ropes from flapping even if there is no cargo attached.
- If necessary, the flight speed and especially the descent rate must be adjusted.
- Basic principle: the heavier the weight of the SLE in proportion to the rope weight, the easier the rope can be controlled during flight.

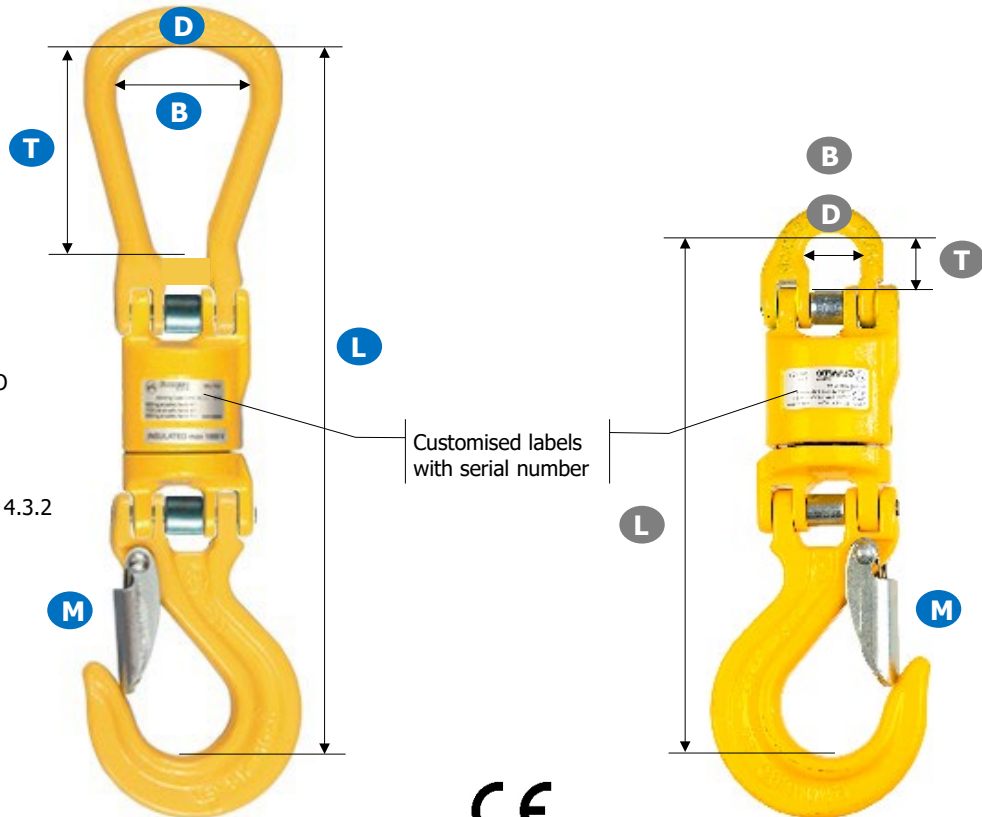
	SLE1 with long suspension link					SLE2 with short suspension link				
Size/quality grade*2	7/8-8	10-8	13-8	16-8	18/20-8	7/8-8	10-8	13-8	16-8	18/20-8
Length L	265	340	410	490	560	195	245	310	370	420
Width B	50	66	72	82	105	18	25	30	36	43
Inner height T	78	100	112	135	159	22	26	33	40	47
Hook aperture M	27	34	42	54	59	27	34	42	54	59
Diameter D	14	18	22	25	30	9	11	15	19	22
Weight in kg	1.4	2.9	5.9	10.3	15.4	1.2	2.5	5.3	9.2	13.6
Drones*1	< 5	--	--	--	--	< 5	--	--	--	--
Helicopters*1	< 5	< 5	< 10	< 20-30	< 30-60	< 5	< 5	< 10	< 20-30	< 30-60
P/N	SLE1_1	SLE1_2	SLE1_3	SLE1_4	SLE1_5	SLE2_1	SLE2_2	SLE2_3	SLE2_4	SLE2_5

1* The indicated WLL are only recommendations. SLE1_x can also be employed with drones/helicopters featuring higher WLL values, but only provided the SLE1_x is heavier than the rope or that it is kept under constant loading (e.g. by attaching a concrete bucket). 2* The indicated size refers to the type designation (e.g. SKLI-7/8-8).

Other applications and specifications on request, in particular the installation of an inbuilt low-torque swivel. Just contact us!

References

- Airbus SIN 3170-S-00 HESLO
- A&H-SIN_SKLI_DE/EN
- Marshaller Syllabus, 3.2.7-4
- DGUV Information 214-911, 4.3.2



All components compliant with EN 1677-1, grade 8

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First created	11.04.2011	Index
Last modified	02.12.2025	C
DB SLE1 – SLE2		Page 1 from 1