



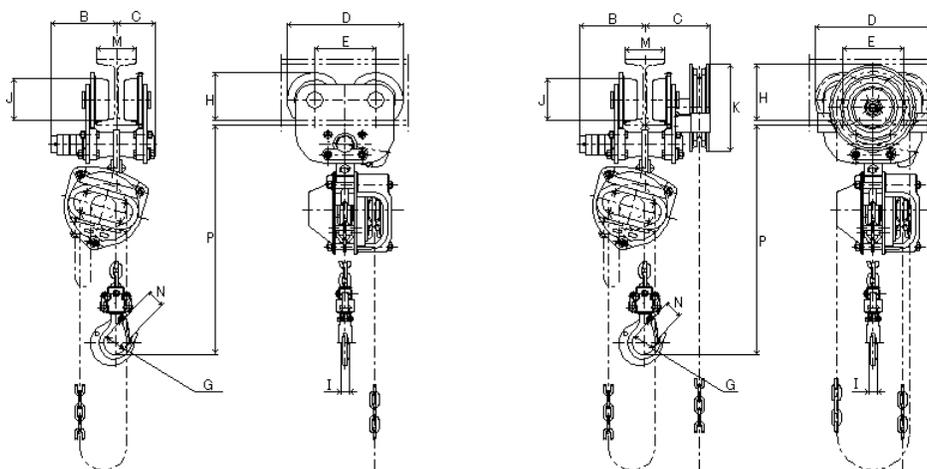
H100 SPARK RESISTANT SERIES

- 0.5t through 20t Capacity
- Hand chain hoists, push & geared trolleys
- II 2 GD c II B T105 °C
- Adheres to the Council Directive and Standards in the EU for explosion proof manual chain hoists.
94/9/EC : ATEX EN1127-1 :2008,
EN13463-1 : 2009, EN13463-5 : 2003
- EX Super 100 hoist dimensions are physically identical to the Super 100 series, see page 5
- Push & geared trolley dimensions are identical to the P and G series of trolleys, see page 21
- Lug mounted units are identical to integral trolley hoists on page 19

Note:

It is the user's responsibility to properly identify which spark resistant classification is required for their application, not the hoist manufacturer or distributor.





Above schematics are reference only, they are not accurate portrayals for all capacities.
Reference pages 5 and 21 for complete hoist & trolley information.

SPECIFICATIONS - ELEPHANT INTEGRAL LUG MOUNT TROLLEY HOISTS, PUSH & GEARED

Capacity (mt)	Product Code	Std. Lift (ft)	Beam Width (in)	Min. Beam Radius (ft)	Combined Headroom (in)
0.5	HP(HG)100-0.5	10	2.3 to 5.11	2.95	11.7
1	HP(HG)100-1		2.3 to 5.11	3.61	12.5
1.6	HP(HG)100-1.6		2.7 to 6.1	3.93	14.5
2	HP(HG)100-2		2.7 to 6.1	3.93	15.8
3.1	HP(HG)100-3.1		3.5 to 6.2	5.58	20.5
5	HP(HG)100-5		3.54 to 7.08	7.55	24.8
7.5	HP(HG)100-7.5		5.91 to 5.89	9.84	28.5
10	HP(HG)100-10		5.91 to 6.89	9.84	31.4

DIMENSIONS (IN) - ELEPHANT INTEGRAL LUG MOUNT TROLLEY HOISTS, PUSH TYPE

Capacity (t)	P	B	C	D	E	G	H	I	J	N
0.5	11.7	3.9	3.9	7.5	3.9	1.4	3.4	0.5	2.7	1.0
1	12.5	3.9	3.8	8.7	4.5	1.6	3.9	0.6	3.1	1.1
1.6	14.5	4.6	4.6	10.1	5.3	1.8	4.6	0.7	3.8	1.3
2	15.8	4.6	4.6	10.1	5.3	2.0	4.6	0.8	3.8	1.4
3.1	20.5	4.6	4.8	11.3	5.9	2.3	5.3	1.0	4.5	1.7
5	24.8	5.5	5.8	12.8	6.6	2.7	6.0	1.3	4.9	2.0
7.5	28.5	6.9	6.9	17.0	8.6	8.6	8.3	1.8	6.2	2.5
10	31.4	6.9	6.9	17.0	8.6	8.6	8.3	1.8	6.2	2.5

DIMENSIONS (IN) - ELEPHANT INTEGRAL LUG MOUNT TROLLEY HOISTS, GEARED TYPE

Capacity (t)	P	B	C	D	E	G	H	I	J	K	N
0.5	11.7	3.9	5.6	7.5	3.9	1.4	3.7	0.5	2.7	5.3	1.0
1	12.5	3.9	5.8	8.7	4.5	1.6	4.5	0.6	3.1	6.4	1.1
1.6	14.5	4.6	6.3	10.1	5.3	1.8	5.6	0.7	3.8	7.7	1.3
2	15.8	4.6	6.3	10.1	5.3	2.0	5.6	0.8	3.8	7.7	1.4
3.1	20.5	4.6	6.3	11.3	5.9	2.3	5.8	1.0	4.5	7.7	1.7
5	24.8	5.5	7.5	12.8	6.6	2.7	6.4	1.3	4.9	8.3	2.2
7.5	28.5	6.9	12.0	17.0	8.6	3.3	8.9	1.8	6.2	9.8	2.9
10	31.4	6.9	12.1	17.0	8.6	3.3	8.9	1.8	6.2	9.8	2.9

- 1) Dimension B and C are applicable when beam width is max.
- 2) Dimension H is applicable when beam thickness is max.
- 3) For Dimension M, please check the beam width on the specifications.
- 4) Dimension N is applicable when safety latch is opened.
- 5) Contact the factory for wide beam applications

