

Datenblatt:

Einträgerkran EHB

80 kg

Data sheet:

Single Girder Crane EHB

Kran- profil	Kran- träger- länge	Kranspur	Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)																		Anfahrmaße / Seite			
Crane profile	Crane girder length	Crane span	Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)																		Approach dimensions / Direction			
HB	LT	LS min mm max mm	HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A	C		
			LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}				
	mm		mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	mm	mm	
Hebezeug / Katzfahrwerk			HB110S:												GM 2 80.12-1/HB ES 5					Gewicht Hebezeug			21.8 kg	
Hoist / Hoist trolley			HB150S, HB150A, HB190S, HB190A HB250:												GM 2 80.12-1/HB ES 6					Weight of hoist				
HB110S	2000	1480 1900	5930	HB 5	854	8420	HB 6	906	6650	HB 6	906	9980	HB 6	936	8180	HB 6	936	10500	HB 6	1010	204	121		
	3000	2150 2900	5840	HB 5	854	8330	HB 6	906	6540	HB 6	906	9900	HB 6	936	8070	HB 6	936	10500	HB 6	1010	204	121		
	4000	2730 3900	5760	HB 5	854	8260	HB 6	906	6430	HB 6	906	9820	HB 6	936	7980	HB 6	936	10500	HB 6	1010	264	121		
	5000	3230 4900	5680	HB 5	854	8190	HB 6	906	6330	HB 6	906	9750	HB 6	936	7890	HB 6	936	10500	HB 6	1010	324	121		
	6000	3680 5900	5600	HB 5	854	8120	HB 6	906	6240	HB 6	906	9690	HB 6	936	7800	HB 6	936	10500	HB 6	1010	324	121		
	7000	4610 6130	5470	HB 5	854	7990	HB 6	906	6080	HB 6	906	9570	HB 6	936	7650	HB 6	936	10500	HB 6	1010	384	121		
	8000	5570 6230	5330	HB 5	854	7870	HB 6	906	5920	HB 6	906	9450	HB 6	936	7490	HB 6	936	10500	HB 6	1010	444	121		
HB150A	2000	1530 1860	5700	HB 5	892	8210	HB 6	944	6360	HB 6	944	9770	HB 6	974	7910	HB 6	974	10500	HB 6	1048	231	148		
	3000	2300 2860	5630	HB 5	892	8140	HB 6	944	6270	HB 6	944	9710	HB 6	974	7820	HB 6	974	10500	HB 6	1048	231	148		
	4000	3000 3860	5560	HB 5	892	8080	HB 6	944	6190	HB 6	944	9650	HB 6	974	7750	HB 6	974	10500	HB 6	1048	291	148		
	5000	3630 4860	5500	HB 5	892	8020	HB 6	944	6110	HB 6	944	9600	HB 6	974	7680	HB 6	974	10500	HB 6	1048	351	148		
	6000	4210 5860	5440	HB 5	892	7970	HB 6	944	6050	HB 6	944	9540	HB 6	974	7620	HB 6	974	10500	HB 6	1048	351	148		
	7000	4760 6510	5350	HB 5	892	7890	HB 6	944	5940	HB 6	944	9470	HB 6	974	7510	HB 6	974	10500	HB 6	1048	411	148		
	8000	5780 6560	5220	HB 5	892	7760	HB 6	944	5790	HB 6	944	9340	HB 6	974	7350	HB 6	974	10500	HB 6	1048	471	148		
HB150S	-	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -		
	2000	1420 1860	5620	HB 5	892	8130	HB 6	944	6260	HB 6	944	9700	HB 6	974	7810	HB 6	974	10500	HB 6	1048	231	148		
	3000	2070 2860	5500	HB 5	892	8020	HB 6	944	6120	HB 6	944	9600	HB 6	974	7680	HB 6	974	10500	HB 6	1048	231	148		
	4000	2630 3860	5400	HB 5	892	7930	HB 6	944	6000	HB 6	944	9510	HB 6	974	7570	HB 6	974	10500	HB 6	1048	291	148		
	5000	3120 4860	5300	HB 5	892	7840	HB 6	944	5880	HB 6	944	9420	HB 6	974	7450	HB 6	974	10500	HB 6	1048	351	148		
	6000	3550 5860	5210	HB 5	892	7750	HB 6	944	5780	HB 6	944	9340	HB 6	974	7340	HB 6	974	10500	HB 6	1048	351	148		
	7000	3930 6860	5130	HB 5	892	7670	HB 6	944	5680	HB 6	944	9250	HB 6	974	7230	HB 6	974	10500	HB 6	1048	411	148		
HB190A	2000	1500 1860	5680	HB 5	922	8180	HB 6	974	6330	HB 6	974	9750	HB 6	1004	7880	HB 6	1004	10500	HB 6	1078	165	148		
	3000	2230 2860	5590	HB 5	922	8100	HB 6	974	6220	HB 6	974	9680	HB 6	1004	7790	HB 6	1004	10500	HB 6	1078	165	148		
	4000	2890 3860	5510	HB 5	922	8040	HB 6	974	6130	HB 6	974	9610	HB 6	1004	7700	HB 6	1004	10500	HB 6	1078	225	148		
	5000	3480 4860	5440	HB 5	922	7970	HB 6	974	6050	HB 6	974	9550	HB 6	1004	7620	HB 6	1004	10500	HB 6	1078	285	148		
	6000	4010 5860	5370	HB 5	922	7910	HB 6	974	5970	HB 6	974	9490	HB 6	1004	7540	HB 6	1004	10500	HB 6	1078	285	148		
	7000	4490 6860	5310	HB 5	922	7850	HB 6	974	5890	HB 6	974	9430	HB 6	1004	7460	HB 6	1004	10500	HB 6	1078	345	148		
	8000	4930 7860	5250	HB 5	922	7790	HB 6	974	5820	HB 6	974	9370	HB 6	1004	7380	HB 6	1004	10500	HB 6	1078	405	148		
HB190S	-	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -		
	2000	1390 1860	5590	HB 5	922	8100	HB 6	974	6220	HB 6	974	9670	HB 6	1004	7780	HB 6	1004	10500	HB 6	1078	231	148		
	3000	2010 2860	5460	HB 5	922	7990	HB 6	974	6070	HB 6	974	9560	HB 6	1004	7640	HB 6	1004	10500	HB 6	1078	231	148		
	4000	2530 3860	5340	HB 5	922	7880	HB 6	974	5930	HB 6	974	9460	HB 6	1004	7500	HB 6	1004	10500	HB 6	1078	291	148		
	5000	2980 4860	5240	HB 5	922	7780	HB 6	974	5810	HB 6	974	9360	HB 6	1004	7370	HB 6	1004	10500	HB 6	1078	351	148		
	6000	3380 5860	5140	HB 5	922	7690	HB 6	974	5700	HB 6	974	9270	HB 6	1004	7250	HB 6	1004	10500	HB 6	1078	351	148		
	7000	3800 6860	5050	HB 5	922	7590	HB 6	974	5590	HB 6	974	9180	HB 6	1004	7130	HB 6	1004	10500	HB 6	1078	411	148		
HB250	2000	1340 1800	5480	HB 5	990	8000	HB 6	1042	6090	HB 6	1042	9580	HB 6	1072	7660	HB 6	1072	10500	HB 6	1146	165	135		
	3000	1900 2800	5330	HB 5	990	7870	HB 6	1042	5920	HB 6	1042	9450	HB 6	1072	7490	HB 6	1072	10500	HB 6	1146	165	135		
	4000	2360 3800	5210	HB 5	990	7750	HB 6	1042	5770	HB 6	1042	9330	HB 6	1072	7330	HB 6	1072	10500	HB 6	1146	225	135		
	5000	2750 4800	5090	HB 5	990	7630	HB 6	1042	5630	HB 6	1042	9210	HB 6	1072	7180	HB 6	1072	10500	HB 6	1146	285	135		
	6000	3080 5800	4970	HB 5	990	7520	HB 6	1042	5500	HB 6	1042	9100	HB 6	1072	7040	HB 6	1072	10500	HB 6	1146	285	135		
	7000	3800 6800	4870	HB 5	990	7410	HB 6	1042	5380	HB 6	1042	8990	HB 6	1072	6900	HB 6	1072	10500	HB 6	1146	345	135		
	8000	4800 7800	4770	HB 5	990	7300	HB 6	1042	5270	HB 6	1042	8890	HB 6	1072	6780	HB 6	1072	10500	HB 6	1146	405	135		
	9000	5800 8800	4670	HB 5	990	7190	HB 6	1042	5160	HB 6	1042	8790	HB 6	1072	6650	HB 6	1072	10500	HB 6	1146	405	135		
	10000	6800 9800	4580	HB 5	990	7080	HB 6	1042	5060	HB 6	1042	8690	HB 6	1072	6540	HB 6	1072	10500	HB 6	1146	465	135		

Auslegung:

- Kran: DIN 15018 H1/B3
- Betrieb in allseitig geschlossener Halle
- Durchbiegungsgrenze für Kran u. Bahn 1/250
- Kranüberstände beidseitig gleich
- Bahnüberstände 200 mm
- Aufhängeabstand (LB) und die dazugehörige Aufhängelast (FA) gelten immer für die max. Kranspurweite (LS).
- Baumaß BMges bei Bahnprofil
 - HB110/150/190 mit Kurzaufhängung M
 - HB250 mit Normalaufhängung und 80 mm
- Auslegung gültig für einen Kran auf der Kranbahn als ABUS Standard Ausführung, ohne jegliche Anbauten
- Kran- und Katzfahren von Hand
- Weitere Auslegungen auf Anfrage möglich!

Crane design and calculation:

- Crane: DIN 15018 H1/B3
- Only for indoor operation
- Limit of deflection for crane and track is 1/250
- Equal crane projections on both sides
- Track projection 200 mm
- The suspension distance (LB) and the corresponding suspension loads (FA) are always valid for the maximum crane span (LS).
- Total dimension bei track profile
 - HB110/150/190 with Short suspension M
 - HB250 with Standard suspension and 80 mm threaded rod
- Calculation only valid for one crane per track as ABUS standard, without any attachments
- Manual crane and trolley travelling
- Further calculations possible on request!

Datenblatt:

Einträgerkran EHB

100 kg

Data sheet:

Single Girder Crane EHB

Kran- profil	Kran- träger- länge	Kranspur	Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)																		Anfahrmaße / Seite			
Crane profile	Crane girder length	Crane span	Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)																		Approach dimensions / Direction			
HB	LT	LS min mm max mm	HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A	C		
			LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}				
	mm		mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	mm	mm	
Hebezeug / Katzfahrwerk			HB110S: HB150S, HB150A, HB190S, HB190A HB250: GM 2 100.12-1/HB ES 5																		Gewicht Hebezeug		21,8	kg
Hoist / Hoist trolley			GM 2 100.12-1/HB ES 6																		Weight of hoist			
HB110S	2000	1520 1900	5740	HB 5	854	8240	HB 6	906	6410	HB 6	906	9810	HB 6	936	7960	HB 6	936	10500	HB 6	1010	204	121		
	3000	2230 2900	5650	HB 5	854	8160	HB 6	906	6300	HB 6	906	9730	HB 6	936	7850	HB 6	936	10500	HB 6	1010	204	121		
	4000	2850 3900	5570	HB 5	854	8090	HB 6	906	6200	HB 6	906	9660	HB 6	936	7760	HB 6	936	10500	HB 6	1010	264	121		
	5000	3400 4900	5490	HB 5	854	8020	HB 6	906	6110	HB 6	906	9590	HB 6	936	7680	HB 6	936	10500	HB 6	1010	324	121		
	6000	3890 5890	5420	HB 5	854	7950	HB 6	906	6020	HB 6	906	9530	HB 6	936	7590	HB 6	936	10500	HB 6	1010	324	121		
	7000	4860 5930	5260	HB 5	854	7800	HB 6	906	5840	HB 6	906	9390	HB 6	936	7400	HB 6	936	10500	HB 6	1010	384	121		
	8000	5800 6030	5130	HB 5	854	7670	HB 6	906	5680	HB 6	906	9260	HB 6	936	7230	HB 6	936	10500	HB 6	1010	444	121		
HB150A	2000	1550 1860	5520	HB 5	892	8040	HB 6	944	6140	HB 6	944	9620	HB 6	974	7710	HB 6	974	10500	HB 6	1048	231	148		
	3000	2350 2860	5440	HB 5	892	7970	HB 6	944	6050	HB 6	944	9550	HB 6	974	7620	HB 6	974	10500	HB 6	1048	231	148		
	4000	3080 3860	5380	HB 5	892	7910	HB 6	944	5980	HB 6	944	9490	HB 6	974	7550	HB 6	974	10500	HB 6	1048	291	148		
	5000	3740 4860	5320	HB 5	892	7860	HB 6	944	5910	HB 6	944	9440	HB 6	974	7480	HB 6	974	10500	HB 6	1048	351	148		
	6000	4360 5860	5270	HB 5	892	7810	HB 6	944	5850	HB 6	944	9390	HB 6	974	7410	HB 6	974	10500	HB 6	1048	351	148		
	7000	4970 6280	5160	HB 5	892	7710	HB 6	944	5720	HB 6	944	9290	HB 6	974	7280	HB 6	974	10500	HB 6	1048	411	148		
	8000	5980 6340	5030	HB 5	892	7580	HB 6	944	5570	HB 6	944	9160	HB 6	974	7110	HB 6	974	10500	HB 6	1048	471	148		
HB150S	-	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -		
	2000	1450 1860	5440	HB 5	892	7970	HB 6	944	6040	HB 6	944	9540	HB 6	974	7620	HB 6	974	10500	HB 6	1048	231	148		
	3000	2140 2860	5330	HB 5	892	7860	HB 6	944	5910	HB 6	944	9440	HB 6	974	7480	HB 6	974	10500	HB 6	1048	231	148		
	4000	2730 3860	5230	HB 5	892	7770	HB 6	944	5800	HB 6	944	9350	HB 6	974	7360	HB 6	974	10500	HB 6	1048	291	148		
	5000	3260 4860	5140	HB 5	892	7690	HB 6	944	5700	HB 6	944	9270	HB 6	974	7250	HB 6	974	10500	HB 6	1048	351	148		
	6000	3730 5860	5060	HB 5	892	7610	HB 6	944	5600	HB 6	944	9190	HB 6	974	7150	HB 6	974	10500	HB 6	1048	351	148		
	7000	4150 6860	4980	HB 5	892	7530	HB 6	944	5510	HB 6	944	9110	HB 6	974	7050	HB 6	974	10500	HB 6	1048	411	148		
HB190A	8000	4800 7860	4910	HB 5	892	7450	HB 6	944	5430	HB 6	944	9030	HB 6	974	6950	HB 6	974	10500	HB 6	1048	471	148		
	9000	5800 8170	4790	HB 5	892	7330	HB 6	944	5290	HB 6	944	8920	HB 6	974	6810	HB 6	974	10500	HB 6	1048	471	148		
	10000	6800 8250	4670	HB 5	892	7190	HB 6	944	5160	HB 6	944	8790	HB 6	974	6650	HB 6	974	10500	HB 6	1048	531	148		
	2000	1520 1860	5500	HB 5	922	8020	HB 6	974	6110	HB 6	974	9600	HB 6	1004	7680	HB 6	1004	10500	HB 6	1078	165	148		
	3000	2290 2860	5410	HB 5	922	7940	HB 6	974	6010	HB 6	974	9520	HB 6	1004	7590	HB 6	1004	10500	HB 6	1078	165	148		
	4000	2970 3860	5340	HB 5	922	7870	HB 6	974	5930	HB 6	974	9450	HB 6	1004	7500	HB 6	1004	10500	HB 6	1078	225	148		
	5000	3600 4860	5270	HB 5	922	7810	HB 6	974	5850	HB 6	974	9390	HB 6	1004	7410	HB 6	1004	10500	HB 6	1078	285	148		
HB190S	6000	4160 5860	5210	HB 5	922	7750	HB 6	974	5780	HB 6	974	9330	HB 6	1004	7340	HB 6	1004	10500	HB 6	1078	285	148		
	7000	4680 6860	5150	HB 5	922	7690	HB 6	974	5710	HB 6	974	9280	HB 6	1004	7260	HB 6	1004	10500	HB 6	1078	345	148		
	8000	5160 7820	5090	HB 5	922	7630	HB 6	974	5640	HB 6	974	9220	HB 6	1004	7180	HB 6	1004	10500	HB 6	1078	405	148		
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	2000	1420 1860	5410	HB 5	922	7940	HB 6	974	6010	HB 6	974	9520	HB 6	1004	7590	HB 6	1004	10500	HB 6	1078	231	148		
	3000	2080 2860	5290	HB 5	922	7830	HB 6	974	5870	HB 6	974	9410	HB 6	1004	7440	HB 6	1004	10500	HB 6	1078	231	148		
HB250	4000	2640 3860	5180	HB 5	922	7730	HB 6	974	5750	HB 6	974	9310	HB 6	1004	7300	HB 6	1004	10500	HB 6	1078	291	148		
	5000	3130 4860	5090	HB 5	922	7630	HB 6	974	5630	HB 6	974	9210	HB 6	1004	7180	HB 6	1004	10500	HB 6	1078	351	148		
	6000	3560 5860	4990	HB 5	922	7540	HB 6	974	5530	HB 6	974	9120	HB 6	1004	7060	HB 6	1004	10500	HB 6	1078	351	148		
	7000	3940 6860	4910	HB 5	922	7450	HB 6	974	5430	HB 6	974	9040	HB 6	1004	6960	HB 6	1004	10500	HB 6	1078	411	148		
	8000	4800 7860	4830	HB 5	922	7360	HB 6	974	5330	HB 6	974	8950	HB 6	1004	6850	HB 6	1004	10500	HB 6	1078	471	148		
	9000	5800 8860	4750	HB 5	922	7280	HB 6	974	5240	HB 6	974	8870	HB 6	1004	6750	HB 6	1004	10500	HB 6	1078	471	148		
	10000	6800 9720	4670	HB 5	922	7180	HB 6	974	5150	HB 6	974	8780	HB 6	1004	6650	HB 6	1004	10500	HB 6	1078	531	148		
HB250	2000	1380 1800	5300	HB 5	990	7840	HB 6	1042	5890	HB 6	1042	9420	HB 6	1072	7450	HB 6	1072	10500	HB 6	1146	165	135		
	3000	1980 2800	5170	HB 5	990	7720	HB 6	1042	5730	HB 6	1042	9300	HB 6	1072	7290	HB 6	1072	10500	HB 6	1146	165	135		
	4000	2470 3800	5050	HB 5	990	7600	HB 6	1042	5600	HB 6	1042	9180	HB 6	1072	7140	HB 6	1072	10500	HB 6	1146	225	135		
	5000	2900 4800	4940	HB 5	990	7490	HB 6	1042	5470	HB 6	1042	9070	HB 6	1072	7000	HB 6	1072	10500	HB 6	1146	285	135		
	6000	3270 5800	4840	HB 5	990	7380	HB 6	1042	5350	HB 6	1042	8960	HB 6	1072	6870	HB 6	1072	10500	HB 6	1146	285	135		
	7000	3800 6800	4740	HB 5	990	7270	HB 6	1042	5230	HB 6	1042	8860	HB 6	1072	6740	HB 6	1072	10500	HB 6	1146	345	135		
	8000	4800 7800	4650	HB 5	990	7160	HB 6	1042	5130	HB 6	1042	8760	HB 6	1072	6620	HB 6	1072	10500	HB 6	1146	405	135		
HB250	9000	5800 8800	4560	HB 5	990	7050	HB 6	1042	5030	HB 6	1042	8660	HB 6	1072	6500	HB 6	1072	10470	HB 6	1146	405	135		
	10000	6800 9800	4470	HB 5	990	6950	HB 6	1042	4930	HB 6	1042	8560	HB 6	1072	6390	HB 6	1072	10380	HB 6	1146	465	135		

Auslegung:

- Kran: DIN 15018 H1/B3
- Betrieb in allseitig geschlossener Halle
- Durchbiegungsgrenze für Kran u. Bahn 1/250
- Kranüberstände beidseitig gleich
- Bahnüberstände 200 mm
- Aufhängeabstand (LB) und die dazugehörige Aufhängelast (FA) gelten immer für die max. Kranspurweite (LS).
- Baumaß BMges bei Bahnprofil

Datenblatt:

Einträgerkran EHB

125 kg

Data sheet:

Single Girder Crane EHB

Kran- profil	Kran- träger- länge	Kranspur	Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)															Anfahrmaße / Seite							
Crane profile	Crane girder length	Crane span	Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)															Approach dimensions / Direction							
HB	LT	LS min mm max mm	HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A	C			
			LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}					
	mm		mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	mm	mm		
Hebezeug / Katzfahrwerk			HB110S:															GM 2 125.12-1/HB ES 5			Gewicht Hebezeug			21.8 kg	
Hoist / Hoist trolley			HB150S, HB150A, HB190S, HB190A HB250:															GM 2 125.12-1/HB ES 6			Weight of hoist				
HB110S	2000	1560 1900	5510	HB 5	854	8030	HB 6	906	6130	HB 6	906	9610	HB 6	936	7700	HB 6	936	10500	HB 6	1010	204	121			
	3000	2300 2900	5420	HB 5	854	7950	HB 6	906	6030	HB 6	906	9530	HB 6	936	7600	HB 6	936	10500	HB 6	1010	204	121			
	4000	2970 3900	5350	HB 5	854	7880	HB 6	906	5940	HB 6	906	9460	HB 6	936	7510	HB 6	936	10500	HB 6	1010	264	121			
	5000	3570 4900	5280	HB 5	854	7820	HB 6	906	5860	HB 6	906	9400	HB 6	936	7420	HB 6	936	10500	HB 6	1010	324	121			
	6000	4110 5640	5180	HB 5	854	7730	HB 6	906	5750	HB 6	906	9310	HB 6	936	7300	HB 6	936	10500	HB 6	1010	324	121			
	7000	5100 5690	5030	HB 5	854	7570	HB 6	906	5570	HB 6	906	9160	HB 6	936	7110	HB 6	936	10500	HB 6	1010	384	121			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
HB150A	2000	1570 1860	5310	HB 5	892	7850	HB 6	944	5890	HB 6	944	9430	HB 6	974	7460	HB 6	974	10500	HB 6	1048	231	148			
	3000	2390 2860	5240	HB 5	892	7780	HB 6	944	5810	HB 6	944	9360	HB 6	974	7370	HB 6	974	10500	HB 6	1048	231	148			
	4000	3150 3860	5180	HB 5	892	7720	HB 6	944	5740	HB 6	944	9300	HB 6	974	7300	HB 6	974	10500	HB 6	1048	291	148			
	5000	3850 4860	5130	HB 5	892	7670	HB 6	944	5680	HB 6	944	9250	HB 6	974	7230	HB 6	974	10500	HB 6	1048	351	148			
	6000	4510 5860	5080	HB 5	892	7620	HB 6	944	5620	HB 6	944	9210	HB 6	974	7170	HB 6	974	10500	HB 6	1048	351	148			
	7000	5180 6020	4940	HB 5	892	7490	HB 6	944	5470	HB 6	944	9070	HB 6	974	7000	HB 6	974	10500	HB 6	1048	411	148			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
HB150S	2000	1480 1860	5230	HB 5	892	7780	HB 6	944	5810	HB 6	944	9360	HB 6	974	7370	HB 6	974	10500	HB 6	1048	231	148			
	3000	2200 2860	5130	HB 5	892	7680	HB 6	944	5690	HB 6	944	9260	HB 6	974	7240	HB 6	974	10500	HB 6	1048	231	148			
	4000	2840 3860	5040	HB 5	892	7590	HB 6	944	5580	HB 6	944	9170	HB 6	974	7130	HB 6	974	10500	HB 6	1048	291	148			
	5000	3400 4860	4960	HB 5	892	7510	HB 6	944	5490	HB 6	944	9090	HB 6	974	7020	HB 6	974	10500	HB 6	1048	351	148			
	6000	3910 5860	4880	HB 5	892	7430	HB 6	944	5400	HB 6	944	9010	HB 6	974	6930	HB 6	974	10500	HB 6	1048	351	148			
	7000	4370 6860	4810	HB 5	892	7350	HB 6	944	5320	HB 6	944	8940	HB 6	974	6830	HB 6	974	10500	HB 6	1048	411	148			
	8000	4800 7860	4740	HB 5	892	7270	HB 6	944	5240	HB 6	944	8860	HB 6	974	6750	HB 6	974	10500	HB 6	1048	471	148			
HB190A	2000	1550 1860	5290	HB 5	922	7830	HB 6	974	5870	HB 6	974	9410	HB 6	1004	7430	HB 6	1004	10500	HB 6	1078	165	148			
	3000	2340 2860	5210	HB 5	922	7750	HB 6	974	5770	HB 6	974	9330	HB 6	1004	7330	HB 6	1004	10500	HB 6	1078	165	148			
	4000	3060 3860	5140	HB 5	922	7680	HB 6	974	5700	HB 6	974	9270	HB 6	1004	7250	HB 6	1004	10500	HB 6	1078	225	148			
	5000	3720 4860	5080	HB 5	922	7620	HB 6	974	5630	HB 6	974	9210	HB 6	1004	7170	HB 6	1004	10500	HB 6	1078	285	148			
	6000	4320 5860	5020	HB 5	922	7570	HB 6	974	5560	HB 6	974	9150	HB 6	1004	7100	HB 6	1004	10500	HB 6	1078	285	148			
	7000	4880 6860	4970	HB 5	922	7510	HB 6	974	5500	HB 6	974	9100	HB 6	1004	7030	HB 6	1004	10500	HB 6	1078	345	148			
	8000	5410 7560	4890	HB 5	922	7430	HB 6	974	5410	HB 6	974	9020	HB 6	1004	6930	HB 6	1004	10500	HB 6	1078	405	148			
HB190S	2000	1460 1860	5210	HB 5	922	7750	HB 6	974	5780	HB 6	974	9330	HB 6	1004	7340	HB 6	1004	10500	HB 6	1078	231	148			
	3000	2150 2860	5100	HB 5	922	7640	HB 6	974	5650	HB 6	974	9230	HB 6	1004	7190	HB 6	1004	10500	HB 6	1078	231	148			
	4000	2750 3860	5000	HB 5	922	7540	HB 6	974	5530	HB 6	974	9130	HB 6	1004	7070	HB 6	1004	10500	HB 6	1078	291	148			
	5000	3280 4860	4910	HB 5	922	7450	HB 6	974	5430	HB 6	974	9040	HB 6	1004	6960	HB 6	1004	10500	HB 6	1078	351	148			
	6000	3750 5860	4830	HB 5	922	7360	HB 6	974	5330	HB 6	974	8950	HB 6	1004	6850	HB 6	1004	10500	HB 6	1078	351	148			
	7000	4170 6860	4750	HB 5	922	7270	HB 6	974	5240	HB 6	974	8870	HB 6	1004	6750	HB 6	1004	10500	HB 6	1078	411	148			
	8000	4800 7860	4670	HB 5	922	7190	HB 6	974	5160	HB 6	974	8790	HB 6	1004	6650	HB 6	1004	10500	HB 6	1078	471	148			
HB250	2000	1420 1800	5110	HB 5	990	7650	HB 6	1042	5660	HB 6	1042	9240	HB 6	1072	7210	HB 6	1072	10500	HB 6	1146	165	135			
	3000	2060 2800	4990	HB 5	990	7530	HB 6	1042	5520	HB 6	1042	9120	HB 6	1072	7060	HB 6	1072	10500	HB 6	1146	165	135			
	4000	2590 3800	4880	HB 5	990	7420	HB 6	1042	5390	HB 6	1042	9010	HB 6	1072	6920	HB 6	1072	10500	HB 6	1146	225	135			
	5000	3060 4800	4780	HB 5	990	7310	HB 6	1042	5280	HB 6	1042	8900	HB 6	1072	6790	HB 6	1072	10500	HB 6	1146	285	135			
	6000	3460 5800	4680	HB 5	990	7200	HB 6	1042	5170	HB 6	1042	8800	HB 6	1072	6660	HB 6	1072	10500	HB 6	1146	285	135			
	7000	3830 6800	4590	HB 5	990	7090	HB 6	1042	5060	HB 6	1042	8700	HB 6	1072	6550	HB 6	1072	10500	HB 6	1146	345	135			
	8000	4800 7800	4500	HB 5	990	6990	HB 6	1042	4970	HB 6	1042	8600	HB 6	1072	6440	HB 6	1072	10420	HB 6	1146	405	135			
	9000	5800 8800	4420	HB 5	990	6890	HB 6	1042	4870	HB 6	1042	8500	HB 6	1072	6330	HB 6	1072	10330	HB 6	1146	405	135			
	10000	6800 9800	4350	HB 5	990	6800	HB 6	1042	4790	HB 6	1042	8410	HB 6	1072	6230	HB 6	1072	10240	HB 6	1146	465	135			

Auslegung:

- Kran: DIN 15018 H1/B3
- Betrieb in allseitig geschlossener Halle
- Durchbiegungsgrenze für Kran u. Bahn 1/250
- Kranüberstände beidseitig gleich
- Bahnüberstände 200 mm
- Aufhängeabstand (LB) und die dazugehörige Aufhängelast (FA) gelten immer für die max. Kranspurweite (LS).
- Baumaß BMges bei Bahnprofil
 - HB110/150/190 mit Kurzaufhängung M
 - HB250 mit Normalaufhängung und 80 mm
- Auslegung gültig für einen Kran auf der Kranbahn als ABUS Standard Ausführung, ohne jegliche Anbauten
- Kran- und Katzfahren von Hand
- Weitere Auslegungen auf Anfrage möglich!

Crane design and calculation:

- Crane: DIN 15018 H1/B3
- Only for indoor operation
- Limit of deflection for crane and track is 1/250
- Equal crane projections on both sides
- Track projection 200 mm
- The suspension distance (LB) and the corresponding suspension loads (FA) are always valid for the maximum crane span (LS).
- Total dimension bei track profile
 - HB110/150/190 with Short suspension M
 - HB250 with Standard suspension and 80 mm threaded rod
- Calculation only valid for one crane per track as ABUS standard, without any attachments
- Manual crane and trolley travelling
- Further calculations possible on request!

Datenblatt:

Einträgerkran EHB

160 kg

Data sheet:

Single Girder Crane EHB

Kran- profil	Kran- träger- länge	Kranspur		Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)															Anfahrmaße / Seite								
Crane profile	Crane girder length	Crane span		Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)															Approach dimensions / Direction								
HB	LT mm	LS min mm	max mm	HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A mm	C mm				
				LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}						
				mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm						
Hebezeug / Katzfahrwerk				HB110S:										GM 2 160.12-1/HB ES 5										Gewicht Hebezeug		21,8 kg	
Hoist / Hoist trolley				HB150S, HB150A, HB190S, HB190A HB250:										GM 2 160.12-1/HB ES 6										Weight of hoist			
HB110S	2000	1590	1900	5220	HB 5	854	7760	HB 6	906	5790	HB 6	906	9340	HB 6	936	7350	HB 6	936	10500	HB 6	1010	204	121				
	3000	2370	2900	5140	HB 5	854	7690	HB 6	906	5700	HB 6	906	9270	HB 6	936	7250	HB 6	936	10500	HB 6	1010	204	121				
	4000	3090	3900	5070	HB 5	854	7620	HB 6	906	5620	HB 6	906	9200	HB 6	936	7170	HB 6	936	10500	HB 6	1010	264	121				
	5000	3740	4900	5010	HB 5	854	7560	HB 6	906	5550	HB 6	906	9140	HB 6	936	7090	HB 6	936	10500	HB 6	1010	324	121				
	6000	4350	5340	4890	HB 5	854	7430	HB 6	906	5400	HB 6	906	9010	HB 6	936	6930	HB 6	936	10500	HB 6	1010	324	121				
	7000	5350	5400	4730	HB 5	854	7260	HB 6	906	5220	HB 6	906	8850	HB 6	936	6730	HB 6	936	10500	HB 6	1010	384	121				
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
HB150A	2000	1590	1860	5040	HB 5	892	7590	HB 6	944	5590	HB 6	944	9170	HB 6	974	7130	HB 6	974	10500	HB 6	1048	231	148				
	3000	2440	2860	4980	HB 5	892	7520	HB 6	944	5510	HB 6	944	9110	HB 6	974	7040	HB 6	974	10500	HB 6	1048	231	148				
	4000	3230	3860	4920	HB 5	892	7470	HB 6	944	5450	HB 6	944	9050	HB 6	974	6980	HB 6	974	10500	HB 6	1048	291	148				
	5000	3970	4860	4880	HB 5	892	7420	HB 6	944	5390	HB 6	944	9010	HB 6	974	6920	HB 6	974	10500	HB 6	1048	351	148				
	6000	4660	5670	4810	HB 5	892	7350	HB 6	944	5320	HB 6	944	8940	HB 6	974	6830	HB 6	974	10500	HB 6	1048	351	148				
	7000	5400	5710	4660	HB 5	892	7170	HB 6	944	5140	HB 6	944	8770	HB 6	974	6640	HB 6	974	10500	HB 6	1048	411	148				
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
HB150S	2000	1520	1860	4980	HB 5	892	7530	HB 6	944	5510	HB 6	944	9110	HB 6	974	7050	HB 6	974	10500	HB 6	1048	231	148				
	3000	2270	2860	4880	HB 5	892	7430	HB 6	944	5400	HB 6	944	9010	HB 6	974	6930	HB 6	974	10500	HB 6	1048	231	148				
	4000	2950	3860	4810	HB 5	892	7340	HB 6	944	5310	HB 6	944	8930	HB 6	974	6820	HB 6	974	10500	HB 6	1048	291	148				
	5000	3560	4860	4730	HB 5	892	7260	HB 6	944	5230	HB 6	944	8850	HB 6	974	6730	HB 6	974	10500	HB 6	1048	351	148				
	6000	4120	5860	4670	HB 5	892	7180	HB 6	944	5150	HB 6	944	8780	HB 6	974	6640	HB 6	974	10500	HB 6	1048	351	148				
	7000	4630	6860	4600	HB 5	892	7100	HB 6	944	5080	HB 6	944	8710	HB 6	974	6560	HB 6	974	10500	HB 6	1048	411	148				
	8000	5150	7650	4520	HB 5	892	7010	HB 6	944	4990	HB 6	944	8620	HB 6	974	6460	HB 6	974	10440	HB 6	1048	471	148				
HB190A	9000	6200	7700	4400	HB 5	892	6860	HB 6	944	4840	HB 6	944	8470	HB 6	974	6300	HB 6	974	10300	HB 6	1048	471	148				
	10000	7150	7790	4290	HB 5	892	6720	HB 6	944	4720	HB 6	944	8330	HB 6	974	6150	HB 6	974	10170	HB 6	1048	531	148				
	2000	1570	1860	5030	HB 5	922	7570	HB 6	974	5560	HB 6	974	9160	HB 6	1004	7110	HB 6	1004	10500	HB 6	1078	165	148				
	3000	2390	2860	4950	HB 5	922	7500	HB 6	974	5480	HB 6	974	9080	HB 6	1004	7010	HB 6	1004	10500	HB 6	1078	165	148				
	4000	3150	3860	4890	HB 5	922	7440	HB 6	974	5410	HB 6	974	9020	HB 6	1004	6930	HB 6	1004	10500	HB 6	1078	225	148				
	5000	3850	4860	4840	HB 5	922	7380	HB 6	974	5350	HB 6	974	8960	HB 6	1004	6860	HB 6	1004	10500	HB 6	1078	285	148				
	6000	4500	5860	4790	HB 5	922	7320	HB 6	974	5290	HB 6	974	8910	HB 6	1004	6800	HB 6	1004	10500	HB 6	1078	285	148				
HB190S	7000	5110	6860	4740	HB 5	922	7260	HB 6	974	5230	HB 6	974	8860	HB 6	1004	6740	HB 6	1004	10500	HB 6	1078	345	148				
	8000	5710	7220	4630	HB 5	922	7140	HB 6	974	5110	HB 6	974	8750	HB 6	1004	6600	HB 6	1004	10500	HB 6	1078	405	148				
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	2000	1490	1860	4960	HB 5	922	7500	HB 6	974	5490	HB 6	974	9090	HB 6	1004	7020	HB 6	1004	10500	HB 6	1078	231	148				
	3000	2220	2860	4850	HB 5	922	7400	HB 6	974	5370	HB 6	974	8980	HB 6	1004	6890	HB 6	1004	10500	HB 6	1078	231	148				
	4000	2870	3860	4770	HB 5	922	7300	HB 6	974	5270	HB 6	974	8890	HB 6	1004	6780	HB 6	1004	10500	HB 6	1078	291	148				
HB250	5000	3440	4860	4690	HB 5	922	7210	HB 6	974	5170	HB 6	974	8800	HB 6	1004	6670	HB 6	1004	10500	HB 6	1078	351	148				
	6000	3960	5860	4610	HB 5	922	7120	HB 6	974	5090	HB 6	974	8720	HB 6	1004	6580	HB 6	1004	10500	HB 6	1078	351	148				
	7000	4440	6860	4540	HB 5	922	7030	HB 6	974	5010	HB 6	974	8640	HB 6	1004	6480	HB 6	1004	10460	HB 6	1078	411	148				
	8000	4870	7860	4480	HB 5	922	6950	HB 6	974	4930	HB 6	974	8560	HB 6	1004	6400	HB 6	1004	10380	HB 6	1078	471	148				
	9000	5800	8860	4410	HB 5	922	6880	HB 6	974	4860	HB 6	974	8490	HB 6	1004	6310	HB 6	1004	10310	HB 6	1078	471	148				
	10000	6800	9260	4320	HB 5	922	6760	HB 6	974	4750	HB 6	974	8370	HB 6	1004	6190	HB 6	1004	10210	HB 6	1078	531	148				
	2000	1470	1800	4860	HB 5	990	7410	HB 6	1042	5380	HB 6	1042	8990	HB 6	1072	6900	HB 6	1072	10500	HB 6	1146	165	135				
HB250	3000	2140	2800	4760	HB 5	990	7290	HB 6	1042	5250	HB 6	1042	8880	HB 6	1072	6760	HB 6	1072	10500	HB 6	1146	165	135				
	4000	2730	3800	4660	HB 5	990	7170	HB 6	1042	5140	HB 6	1042	8770	HB 6	1072	6640	HB 6	1072	10500	HB 6	1146	225	135				
	5000	3240	4800	4570	HB 5	990	7070	HB 6	1042	5040	HB 6	1042	8670	HB 6	1072	6520	HB 6	1072	10480	HB 6	1146	285	135				
	6000	3690	5800	4480	HB 5	990	6960	HB 6	1042	4940	HB 6	1042	8570	HB 6	1072	6410	HB 6	1072	10390	HB 6	1146	285	135				
	7000	4100	6800	4400	HB 5	990	6870	HB 6	1042	4850	HB 6	1042	8480	HB 6	1072	6300	HB 6	1072	10300	HB 6	1146	345	135				
	8000	4800	7800	4330	HB 5	990	6770	HB 6	1042	4760	HB 6	1042	8380	HB 6	1072	6200	HB 6	1072	10220	HB 6	1146	405	135				
	9000	5800	8800	4250	HB 5	990	6680	HB 6	1042	4680	HB 6	1042	8280	HB 6	1072	6100	HB 6	1072	10130	HB 6	1146	405	135				
HB250	10000	6800	9800	4180	HB 5	990	6590	HB 6	1042	4600	HB 6	1042	8190	HB 6	1072	6010	HB 6	1072	10050	HB 6	1146	465	135				

Auslegung:

- Kran: DIN 15018 H1/B3
- Betrieb in allseitig geschlossener Halle
- Durchbiegungsgrenze für Kran u. Bahn 1/250
- Kranüberstände beidseitig gleich
- Bahnüberstände 200 mm
- Aufhängeabstand (LB) und die dazugehörige Aufhängelast (FA) gelten immer für die max. Kranspurweite (LS).
- Baumaß BMges bei Bahnprofil
 - HB110/150/190 mit Kurzaufhängung M
 - HB250 mit Normalaufhängung und 80 mm
- Auslegung gültig für einen Kran auf der Kranbahn als ABUS Standard Ausführung, ohne jegliche Anbauten
- Kran- und Katzfahren von Hand
- Weitere Auslegungen auf Anfrage möglich!

Crane design and calculation:

- Crane: DIN 15018 H1/B3
- Only for indoor operation
- Limit of deflection for crane and track is 1/250

Datenblatt:

Einträgerkran EHB

200 kg

Data sheet:

Single Girder Crane EHB

Kran- profil	Kran- träger- länge	Kranspur	Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)															Anfahrmaße / Seite					
Crane profile	Crane girder length	Crane span	Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)															Approach dimensions / Direction					
HB	LT	LS min mm max mm	HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A	C	
			LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}			
	mm		mm	Typ type	mm	mm	Typ type	mm	mm	Typ type	mm	mm	Typ type	mm	mm	Typ type	mm	mm	Typ type	mm	mm		
Hebezeug / Katzfahrwerk			HB110S: GM 2 200.10-1/HB ES 5															Gewicht Hebezeug			21,8 kg		
Hoist / Hoist trolley			HB150S, HB150A, HB190S, HB190A HB250: GM 2 200.10-1/HB ES 6															Weight of hoist					
HB110S	2000	1620 1900	4930	HB 5	854	7480	HB 6	906	5460	HB 6	906	9060	HB 6	936	6990	HB 6	936	10500	HB 6	1010	204	121	
	3000	2430 2900	4860	HB 5	854	7400	HB 6	906	5370	HB 6	906	8990	HB 6	936	6900	HB 6	936	10500	HB 6	1010	204	121	
	4000	3190 3900	4800	HB 5	854	7340	HB 6	906	5300	HB 6	906	8920	HB 6	936	6820	HB 6	936	10500	HB 6	1010	264	121	
	5000	3880 4900	4750	HB 5	854	7270	HB 6	906	5240	HB 6	906	8870	HB 6	936	6750	HB 6	936	10500	HB 6	1010	324	121	
	6000	4570 5040	4580	HB 5	854	7080	HB 6	906	5050	HB 6	906	8690	HB 6	936	6540	HB 6	936	10500	HB 6	1010	324	121	
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HB150A	2000	1610 1860	4780	HB 5	892	7310	HB 6	944	5280	HB 6	944	8900	HB 6	974	6790	HB 6	974	10500	HB 6	1048	231	148	
	3000	2480 2860	4720	HB 5	892	7240	HB 6	944	5210	HB 6	944	8840	HB 6	974	6720	HB 6	974	10500	HB 6	1048	231	148	
	4000	3290 3860	4670	HB 5	892	7190	HB 6	944	5160	HB 6	944	8790	HB 6	974	6650	HB 6	974	10500	HB 6	1048	291	148	
	5000	4070 4860	4630	HB 5	892	7140	HB 6	944	5110	HB 6	944	8740	HB 6	974	6600	HB 6	974	10500	HB 6	1048	351	148	
	6000	4800 5350	4530	HB 5	892	7010	HB 6	944	4990	HB 6	944	8620	HB 6	974	6460	HB 6	974	10440	HB 6	1048	351	148	
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HB150S	2000	1540 1860	4730	HB 5	892	7250	HB 6	944	5220	HB 6	944	8840	HB 6	974	6720	HB 6	974	10500	HB 6	1048	231	148	
	3000	2330 2860	4640	HB 5	892	7150	HB 6	944	5120	HB 6	944	8750	HB 6	974	6610	HB 6	974	10500	HB 6	1048	231	148	
	4000	3050 3860	4570	HB 5	892	7070	HB 6	944	5040	HB 6	944	8670	HB 6	974	6520	HB 6	974	10480	HB 6	1048	291	148	
	5000	3700 4860	4500	HB 5	892	6990	HB 6	944	4970	HB 6	944	8600	HB 6	974	6440	HB 6	974	10420	HB 6	1048	351	148	
	6000	4300 5860	4440	HB 5	892	6920	HB 6	944	4900	HB 6	944	8530	HB 6	974	6360	HB 6	974	10350	HB 6	1048	351	148	
	7000	4860 6860	4390	HB 5	892	6850	HB 6	944	4830	HB 6	944	8460	HB 6	974	6280	HB 6	974	10290	HB 6	1048	411	148	
	8000	5480 7360	4290	HB 5	892	6730	HB 6	944	4720	HB 6	944	8340	HB 6	974	6160	HB 6	974	10180	HB 6	1048	471	148	
HB190A	9000	6500 7420	4170	HB 5	892	6580	HB 6	944	4590	HB 6	944	8170	HB 6	974	5990	HB 6	974	10040	HB 6	1048	471	148	
	10000	7440 7510	4060	HB 5	892	6440	HB 6	944	4460	HB 6	944	8020	HB 6	974	5850	HB 6	974	9900	HB 6	1048	531	148	
	2000	1590 1860	4770	HB 5	922	7300	HB 6	974	5260	HB 6	974	8890	HB 6	1004	6770	HB 6	1004	10500	HB 6	1078	165	148	
	3000	2430 2860	4700	HB 5	922	7220	HB 6	974	5190	HB 6	974	8810	HB 6	1004	6690	HB 6	1004	10500	HB 6	1078	165	148	
	4000	3220 3860	4640	HB 5	922	7150	HB 6	974	5120	HB 6	974	8760	HB 6	1004	6620	HB 6	1004	10500	HB 6	1078	225	148	
	5000	3960 4860	4600	HB 5	922	7100	HB 6	974	5070	HB 6	974	8700	HB 6	1004	6550	HB 6	1004	10500	HB 6	1078	285	148	
	6000	4650 5860	4550	HB 5	922	7040	HB 6	974	5020	HB 6	974	8650	HB 6	1004	6490	HB 6	1004	10460	HB 6	1078	285	148	
HB190S	7000	5300 6850	4510	HB 5	922	6990	HB 6	974	4970	HB 6	974	8600	HB 6	1004	6440	HB 6	1004	10420	HB 6	1078	345	148	
	8000	5980 6880	4370	HB 5	922	6830	HB 6	974	4820	HB 6	974	8440	HB 6	1004	6260	HB 6	1004	10270	HB 6	1078	405	148	
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	2000	1520 1860	4710	HB 5	922	7230	HB 6	974	5200	HB 6	974	8820	HB 6	1004	6700	HB 6	1004	10500	HB 6	1078	231	148	
	3000	2280 2860	4610	HB 5	922	7120	HB 6	974	5090	HB 6	974	8720	HB 6	1004	6580	HB 6	1004	10500	HB 6	1078	231	148	
	4000	2970 3860	4540	HB 5	922	7030	HB 6	974	5000	HB 6	974	8630	HB 6	1004	6480	HB 6	1004	10450	HB 6	1078	291	148	
HB250	5000	3590 4860	4460	HB 5	922	6940	HB 6	974	4920	HB 6	974	8550	HB 6	1004	6380	HB 6	1004	10370	HB 6	1078	351	148	
	6000	4160 5860	4400	HB 5	922	6860	HB 6	974	4840	HB 6	974	8470	HB 6	1004	6300	HB 6	1004	10300	HB 6	1078	351	148	
	7000	4680 6860	4340	HB 5	922	6780	HB 6	974	4770	HB 6	974	8390	HB 6	1004	6210	HB 6	1004	10230	HB 6	1078	411	148	
	8000	5160 7860	4280	HB 5	922	6710	HB 6	974	4710	HB 6	974	8310	HB 6	1004	6130	HB 6	1004	10160	HB 6	1078	471	148	
	9000	5800 8860	4220	HB 5	922	6640	HB 6	974	4640	HB 6	974	8240	HB 6	1004	6060	HB 6	1004	10090	HB 6	1078	471	148	
	10000	6800 8980	4110	HB 5	922	6500	HB 6	974	4520	HB 6	974	8090	HB 6	1004	5920	HB 6	1004	9960	HB 6	1078	531	148	
	2000	1500 1800	4620	HB 5	990	7130	HB 6	1042	5100	HB 6	1042	8730	HB 6	1072	6580	HB 6	1072	10500	HB 6	1146	165	135	
HB250	3000	2210 2800	4520	HB 5	990	7010	HB 6	1042	4990	HB 6	1042	8620	HB 6	1072	6460	HB 6	1072	10440	HB 6	1146	165	135	
	4000	2840 3800	4440	HB 5	990	6910	HB 6	1042	4890	HB 6	1042	8520	HB 6	1072	6350	HB 6	1072	10340	HB 6	1146	225	135	
	5000	3400 4800	4360	HB 5	990	6810	HB 6	1042	4800	HB 6	1042	8420	HB 6	1072	6240	HB 6	1072	10260	HB 6	1146	285	135	
	6000	3910 5800	4280	HB 5	990	6720	HB 6	1042	4710	HB 6	1042	8320	HB 6	1072	6140	HB 6	1072	10170	HB 6	1146	285	135	
	7000	4360 6800	4210	HB 5	990	6630	HB 6	1042	4630	HB 6	1042	8230	HB 6	1072	6050	HB 6	1072	10080	HB 6	1146	345	135	
	8000	4800 7800	4140	HB 5	990	6540	HB 6	1042	4560	HB 6	1042	8130	HB 6	1072	5960	HB 6	1072	10000	HB 6	1146	405	135	
	9000	5800 8800	4080	HB 5	990	6460	HB 6	1042	4480	HB 6	1042	8040	HB 6	1072	5870	HB 6	1072	9920	HB 6	1146	405	135	
10000	6800 9800	4020	HB 5	990	6380	HB 6	1042	4410	HB 6	1042	7960	HB 6	1072	5790	HB 6	1072	9840	HB 6	1146	465	135		

Auslegung:

- Kran: DIN 15018 H1/B3
- Betrieb in allseitig geschlossener Halle
- Durchbiegungsgrenze für Kran u. Bahn 1/250
- Kranüberstände beidseitig gleich
- Bahnüberstände 200 mm
- Aufhängeabstand (LB) und die dazugehörige Aufhängelast (FA) gelten immer für die max. Kranspurweite (LS).
- Baumaß BMges bei Bahnprofil
 - HB110/150/190 mit Kurzaufhängung M
 - HB250 mit Normalaufhängung und 80 mm
- Auslegung gültig für einen Kran auf der Kranbahn als ABUS Standard Ausführung, ohne jegliche Anbauten
- Kran- und Katzfahren von Hand
- Weitere Auslegungen auf Anfrage möglich!

Crane design and calculation:

- Crane: DIN 15018 H1/B3
- Only for indoor operation
- Limit of deflection for crane and track is 1/250
- Equal crane projections on both sides
- Track projection 200 mm
- The suspension distance (LB) and the corresponding suspension loads (FA) are always valid for the maximum crane span (LS).
- Total dimension bei track profile
 - HB110/150/190 with Short suspension M
 - HB250 with Standard suspension and 80 mm threaded rod
- Calculation only valid for one crane per track as ABUS standard, without any attachments
- Manual crane and trolley travelling
- Further calculations possible on request!

Datenblatt:
Data sheet:

Einträgerkran EHB
Single Girder Crane EHB

250 kg

Kran- profil	Kran- träger- länge	Kranspur		Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)																		Anfahrmaße / Seite				
Crane profile	Crane girder length	Crane span		Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)																		Approach dimensions / Direction				
HB	LT	LS	min mm	max mm	HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A	C		
					LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}			LB	KFW
	mm				mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	mm	mm	
Hebezeug / Katzfahrwerk					HB110S: GM 2 250.8-1/HB ES 5																		Gewicht Hebezeug		21,8	kg
Hoist / Hoist trolley					HB150S, HB150A, HB190S, HB190A HB250: GM 2 250.8-1/HB ES 6																		Weight of hoist			
HB110S	2000	1640	1900	4630	HB 5	854	7130	HB 6	906	5100	HB 6	906	8740	HB 6	936	6590	HB 6	936	10500	HB 6	1010	204	121			
	3000	2490	2900	4560	HB 5	854	7060	HB 6	906	5030	HB 6	906	8660	HB 6	936	6510	HB 6	936	10480	HB 6	1010	204	121			
	4000	3280	3900	4510	HB 5	854	7000	HB 6	906	4970	HB 6	906	8600	HB 6	936	6440	HB 6	936	10420	HB 6	1010	264	121			
	5000	4020	4690	4430	HB 5	854	6900	HB 6	906	4880	HB 6	906	8510	HB 6	936	6340	HB 6	936	10340	HB 6	1010	324	121			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
HB150A	2000	1630	1860	4500	HB 5	892	6980	HB 6	944	4960	HB 6	944	8590	HB 6	974	6430	HB 6	974	10410	HB 6	1048	231	148			
	3000	2510	2860	4440	HB 5	892	6920	HB 6	944	4900	HB 6	944	8530	HB 6	974	6360	HB 6	974	10350	HB 6	1048	231	148			
	4000	3360	3860	4400	HB 5	892	6870	HB 6	944	4850	HB 6	944	8480	HB 6	974	6300	HB 6	974	10300	HB 6	1048	291	148			
	5000	4160	4860	4370	HB 5	892	6820	HB 6	944	4810	HB 6	944	8430	HB 6	974	6250	HB 6	974	10260	HB 6	1048	351	148			
	6000	4930	5020	4210	HB 5	892	6630	HB 6	944	4640	HB 6	944	8230	HB 6	974	6050	HB 6	974	10090	HB 6	1048	351	148			
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HB150S	2000	1570	1860	4450	HB 5	892	6930	HB 6	944	4910	HB 6	944	8540	HB 6	974	6370	HB 6	974	10360	HB 6	1048	231	148			
	3000	2380	2860	4380	HB 5	892	6830	HB 6	944	4820	HB 6	944	8450	HB 6	974	6270	HB 6	974	10270	HB 6	1048	231	148			
	4000	3140	3860	4310	HB 5	892	6760	HB 6	944	4750	HB 6	944	8360	HB 6	974	6180	HB 6	974	10200	HB 6	1048	291	148			
	5000	3830	4860	4260	HB 5	892	6690	HB 6	944	4680	HB 6	944	8290	HB 6	974	6110	HB 6	974	10140	HB 6	1048	351	148			
	6000	4480	5860	4210	HB 5	892	6620	HB 6	944	4630	HB 6	944	8220	HB 6	974	6040	HB 6	974	10080	HB 6	1048	351	148			
	7000	5090	6860	4160	HB 5	892	6560	HB 6	944	4570	HB 6	944	8150	HB 6	974	5980	HB 6	974	10020	HB 6	1048	411	148			
HB190A	2000	1610	1860	4490	HB 5	922	6970	HB 6	974	4940	HB 6	974	8580	HB 6	1004	6410	HB 6	1004	10400	HB 6	1078	165	148			
	3000	2480	2860	4430	HB 5	922	6890	HB 6	974	4870	HB 6	974	8510	HB 6	1004	6330	HB 6	1004	10330	HB 6	1078	165	148			
	4000	3290	3860	4380	HB 5	922	6830	HB 6	974	4820	HB 6	974	8450	HB 6	1004	6270	HB 6	1004	10280	HB 6	1078	225	148			
	5000	4070	4860	4330	HB 5	922	6780	HB 6	974	4770	HB 6	974	8390	HB 6	1004	6210	HB 6	1004	10230	HB 6	1078	285	148			
	6000	4800	5860	4300	HB 5	922	6730	HB 6	974	4730	HB 6	974	8340	HB 6	1004	6160	HB 6	1004	10180	HB 6	1078	285	148			
	7000	5490	6480	4220	HB 5	922	6640	HB 6	974	4640	HB 6	974	8240	HB 6	1004	6060	HB 6	1004	10090	HB 6	1078	345	148			
HB190S	2000	1550	1860	4440	HB 5	922	6910	HB 6	974	4890	HB 6	974	8520	HB 6	1004	6350	HB 6	1004	10340	HB 6	1078	231	148			
	3000	2340	2860	4350	HB 5	922	6810	HB 6	974	4790	HB 6	974	8420	HB 6	1004	6240	HB 6	1004	10250	HB 6	1078	231	148			
	4000	3070	3860	4290	HB 5	922	6720	HB 6	974	4720	HB 6	974	8330	HB 6	1004	6150	HB 6	1004	10170	HB 6	1078	291	148			
	5000	3740	4860	4220	HB 5	922	6640	HB 6	974	4650	HB 6	974	8240	HB 6	1004	6060	HB 6	1004	10100	HB 6	1078	351	148			
	6000	4350	5860	4170	HB 5	922	6570	HB 6	974	4580	HB 6	974	8160	HB 6	1004	5990	HB 6	1004	10030	HB 6	1078	351	148			
	7000	4920	6860	4110	HB 5	922	6500	HB 6	974	4520	HB 6	974	8090	HB 6	1004	5920	HB 6	1004	9960	HB 6	1078	411	148			
HB250	2000	1540	1800	4360	HB 5	990	6810	HB 6	1042	4800	HB 6	1042	8420	HB 6	1072	6240	HB 6	1072	10250	HB 6	1146	165	135			
	3000	2290	2800	4270	HB 5	990	6710	HB 6	1042	4700	HB 6	1042	8310	HB 6	1072	6130	HB 6	1072	10160	HB 6	1146	165	135			
	4000	2960	3800	4200	HB 5	990	6610	HB 6	1042	4620	HB 6	1042	8210	HB 6	1072	6030	HB 6	1072	10070	HB 6	1146	225	135			
	5000	3560	4800	4130	HB 5	990	6530	HB 6	1042	4540	HB 6	1042	8120	HB 6	1072	5940	HB 6	1072	9990	HB 6	1146	285	135			
	6000	4120	5800	4070	HB 5	990	6440	HB 6	1042	4470	HB 6	1042	8020	HB 6	1072	5850	HB 6	1072	9900	HB 6	1146	285	135			
	7000	4620	6800	4000	HB 5	990	6360	HB 6	1042	4400	HB 6	1042	7940	HB 6	1072	5770	HB 6	1072	9820	HB 6	1146	345	135			
	8000	5080	7800	3940	HB 5	990	6280	HB 6	1042	4330	HB 6	1042	7850	HB 6	1072	5690	HB 6	1072	9750	HB 6	1146	405	135			
	9000	5800	8800	3890	HB 5	990	6210	HB 6	1042	4270	HB 6	1042	7770	HB 6	1072	5610	HB 6	1072	9670	HB 6	1146	405	135			
	10000	6800	9800	3830	HB 5	990	6110	HB 6	1042	4210	HB 6	1042	7690	HB 6	1072	5540	HB 6	1072	9600	HB 6	1146	465	135			

Auslegung:

- Kran: DIN 15018 H1/B3
- Betrieb in allseitig geschlossener Halle
- Durchbiegungsgrenze für Kran u. Bahn 1/250
- Kranüberstände beidseitig gleich
- Bahnüberstände 200 mm
- Aufhängeabstand (LB) und die dazugehörige Aufhängelast (FA) gelten immer für die max. Kranspurweite (LS).
- Baumaß BMges bei Bahnprofil
 - HB110/150/190 mit Kurzaufhängung M
 - HB250 mit Normalaufhängung und 80 mm
- Auslegung gültig für einen Kran auf der Kranbahn als ABUS Standard Ausführung, ohne jegliche Anbauten
- Kran- und Katzfahren von Hand
- Weitere Auslegungen auf Anfrage möglich!

Crane design and calculation:

- Crane: DIN 15018 H1/B3
- Only for indoor operation
- Limit of deflection for crane and track is 1/250
- Equal crane projections on both sides
- Track projection 200 mm
- The suspension distance (LB) and the corresponding suspension loads (FA) are always valid for the maximum crane span (LS).
- Total dimension bei track profile
 - HB110/150/190 with Short suspension M
 - HB250 with Standard suspension and 80 mm threaded rod
- Calculation only valid for one crane per track as ABUS standard, without any attachments
- Manual crane and trolley travelling
- Further calculations possible on request!

Datenblatt:
Data sheet:

Einträgerkran EHB
Single Girder Crane EHB

320 kg

Kran- profil	Kran- träger- länge	Kranspur	Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)																		Anfahrmaße / Seite		
Crane profile	Crane girder length	Crane span	Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)																		Approach dimensions / Direction		
HB	LT mm	LS min mm max mm	HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A mm	C mm	
			LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}			
			mm	Typ type	mm	mm	Typ type	mm	mm	Typ type	mm	mm	Typ type	mm	mm	Typ type	mm	mm	Typ type	mm			
Hebezeug / Katzfahrwerk			HB110S:									GM 2 320.6-1/HB ES 5						Gewicht Hebezeug				22,2 kg	
Hoist / Hoist trolley			HB150S, HB150A, HB190S, HB190A HB250:									GM 2 320.6-1/HB ES 6						Weight of hoist					
HB110S	2000	1670 1900	4270	HB 5	868	6700	HB 6	920	4700	HB 6	920	8310	HB 6	950	6130	HB 6	950	10160	HB 6	1024	204	121	
	3000	2540 2900	4220	HB 5	868	6630	HB 6	920	4640	HB 6	920	8230	HB 6	950	6050	HB 6	950	10090	HB 6	1024	204	121	
	4000	3370 3900	4170	HB 5	868	6580	HB 6	920	4590	HB 6	920	8170	HB 6	950	6000	HB 6	950	10040	HB 6	1024	264	121	
	5000	4150 4320	4040	HB 5	868	6410	HB 6	920	4440	HB 6	920	7990	HB 6	950	5820	HB 6	950	9870	HB 6	1024	324	121	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HB150A	2000	1640 1860	4170	HB 5	906	6580	HB 6	958	4590	HB 6	958	8170	HB 6	988	5990	HB 6	988	10040	HB 6	1062	231	148	
	3000	2550 2860	4120	HB 5	906	6510	HB 6	958	4530	HB 6	958	8100	HB 6	988	5930	HB 6	988	9980	HB 6	1062	231	148	
	4000	3420 3860	4090	HB 5	906	6470	HB 6	958	4490	HB 6	958	8050	HB 6	988	5880	HB 6	988	9930	HB 6	1062	291	148	
	5000	4250 4610	4020	HB 5	906	6380	HB 6	958	4410	HB 6	958	7950	HB 6	988	5780	HB 6	988	9840	HB 6	1062	351	148	
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HB150S	2000	1590 1860	4130	HB 5	906	6530	HB 6	958	4540	HB 6	958	8120	HB 6	988	5940	HB 6	988	9990	HB 6	1062	231	148	
	3000	2440 2860	4070	HB 5	906	6440	HB 6	958	4470	HB 6	958	8030	HB 6	988	5850	HB 6	988	9910	HB 6	1062	231	148	
	4000	3230 3860	4010	HB 5	906	6370	HB 6	958	4410	HB 6	958	7950	HB 6	988	5780	HB 6	988	9840	HB 6	1062	291	148	
	5000	3970 4860	3970	HB 5	906	6310	HB 6	958	4360	HB 6	958	7880	HB 6	988	5720	HB 6	988	9780	HB 6	1062	351	148	
	6000	4670 5860	3920	HB 5	906	6260	HB 6	958	4310	HB 6	958	7820	HB 6	988	5660	HB 6	988	9720	HB 6	1062	351	148	
	7000	5320 6590	3860	HB 5	906	6170	HB 6	958	4230	HB 6	958	7720	HB 6	988	5570	HB 6	988	9630	HB 6	1062	411	148	
HB190A	2000	1630 1860	4160	HB 5	936	6560	HB 6	988	4570	HB 6	988	8160	HB 6	1018	5980	HB 6	1018	10020	HB 6	1092	165	148	
	3000	2520 2860	4110	HB 5	936	6490	HB 6	988	4510	HB 6	988	8080	HB 6	1018	5910	HB 6	1018	9960	HB 6	1092	165	148	
	4000	3360 3860	4070	HB 5	936	6440	HB 6	988	4470	HB 6	988	8030	HB 6	1018	5850	HB 6	1018	9900	HB 6	1092	225	148	
	5000	4170 4860	4030	HB 5	936	6400	HB 6	988	4430	HB 6	988	7970	HB 6	1018	5800	HB 6	1018	9860	HB 6	1092	285	148	
	6000	4940 5860	4000	HB 5	936	6350	HB 6	988	4390	HB 6	988	7930	HB 6	1018	5760	HB 6	1018	9820	HB 6	1092	285	148	
	7000	5680 6030	3870	HB 5	936	6190	HB 6	988	4250	HB 6	988	7750	HB 6	1018	5590	HB 6	1018	9650	HB 6	1092	345	148	
HB190S	2000	1580 1860	4120	HB 5	936	6510	HB 6	988	4530	HB 6	988	8100	HB 6	1018	5930	HB 6	1018	9970	HB 6	1092	231	148	
	3000	2400 2860	4050	HB 5	936	6420	HB 6	988	4450	HB 6	988	8000	HB 6	1018	5830	HB 6	1018	9880	HB 6	1092	231	148	
	4000	3170 3860	3990	HB 5	936	6340	HB 6	988	4380	HB 6	988	7920	HB 6	1018	5750	HB 6	1018	9810	HB 6	1092	291	148	
	5000	3890 4860	3940	HB 5	936	6280	HB 6	988	4320	HB 6	988	7840	HB 6	1018	5680	HB 6	1018	9740	HB 6	1092	351	148	
	6000	4550 5860	3890	HB 5	936	6210	HB 6	988	4270	HB 6	988	7770	HB 6	1018	5620	HB 6	1018	9680	HB 6	1092	351	148	
	7000	5180 6860	3850	HB 5	936	6150	HB 6	988	4220	HB 6	988	7710	HB 6	1018	5550	HB 6	1018	9610	HB 6	1092	411	148	
HB250	2000	1570 1800	4050	HB 5	1004	6420	HB 6	1056	4450	HB 6	1056	8000	HB 6	1086	5830	HB 6	1086	9880	HB 6	1160	165	135	
	3000	2360 2800	3980	HB 5	1004	6330	HB 6	1056	4370	HB 6	1056	7900	HB 6	1086	5740	HB 6	1086	9790	HB 6	1160	165	135	
	4000	3080 3800	3920	HB 5	1004	6250	HB 6	1056	4300	HB 6	1056	7810	HB 6	1086	5650	HB 6	1086	9710	HB 6	1160	225	135	
	5000	3740 4800	3860	HB 5	1004	6170	HB 6	1056	4240	HB 6	1056	7730	HB 6	1086	5570	HB 6	1086	9630	HB 6	1160	285	135	
	6000	4340 5800	3810	HB 5	1004	6030	HB 6	1056	4170	HB 6	1056	7650	HB 6	1086	5500	HB 6	1086	9560	HB 6	1160	285	135	
	7000	4900 6800	3750	HB 5	1004	5870	HB 6	1056	4120	HB 6	1056	7570	HB 6	1086	5430	HB 6	1086	9480	HB 6	1160	345	135	
	8000	5420 7800	3040	HB 5	1004	5730	HB 6	1056	4060	HB 6	1056	7500	HB 6	1086	5360	HB 6	1086	9400	HB 6	1160	405	135	
	9000	5910 8800	2220	HB 5	1004	5590	HB 6	1056	4010	HB 6	1056	7420	HB 6	1086	5300	HB 6	1086	9320	HB 6	1160	405	135	
	10000	6800 9800	1370	HB 5	1004	5460	HB 6	1056	3960	HB 6	1056	7350	HB 6	1086	5230	HB 6	1086	9250	HB 6	1160	465	135	

Auslegung:

- Kran: DIN 15018 H1/B3
- Betrieb in allseitig geschlossener Halle
- Durchbiegungsgrenze für Kran u. Bahn 1/250
- Kranüberstände beidseitig gleich
- Bahnüberstände 200 mm
- Aufhängeabstand (LB) und die dazugehörige Aufhängelast (FA) gelten immer für die max. Kranspurweite (LS).
- Baumaß BMges bei Bahnprofil
 - HB110/150/190 mit Kurzaufhängung M
 - HB250 mit Normalaufhängung und 80 mm
- Auslegung gültig für einen Kran auf der Kranbahn als ABUS Standard Ausführung, ohne jegliche Anbauten
- Kran- und Katzfahren von Hand
- Weitere Auslegungen auf Anfrage möglich!

Crane design and calculation:

- Crane: DIN 15018 H1/B3
- Only for indoor operation
- Limit of deflection for crane and track is 1/250
- Equal crane projections on both sides
- Track projection 200 mm
- The suspension distance (LB) and the corresponding suspension loads (FA) are always valid for the maximum crane span (LS).
- Total dimension bei track profile
 - HB110/150/190 with Short suspension M
 - HB250 with Standard suspension and 80 mm threaded rod
- Calculation only valid for one crane per track as ABUS standard, without any attachments
- Manual crane and trolley travelling
- Further calculations possible on request!

Datenblatt:
Data sheet:

Einträgerkran EHB
Single Girder Crane EHB

400 kg

Kran- profil	Kran- träger- länge	Kranspur		Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)																Anfahrmaße / Seite				
Crane profile	Crane girder length	Crane span		Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)																Approach dimensions / Direction				
HB	LT	LS		HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A	C	
				LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}			
	mm	min	max	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	mm	mm
Hebezeug / Katzfahrwerk																								
Hoist / Hoist trolley																								
HB110S	2000	1680	1900	3930	HB 5	930	6270	HB 6	982	4320	HB 6	982	7840	HB 6	1012	5670	HB 6	1012	9730	HB 6	1086	204	121	
	3000	2580	2900	3890	HB 5	930	6210	HB 6	982	4260	HB 6	982	7770	HB 6	1012	5610	HB 6	1012	9670	HB 6	1086	204	121	
	4000	3440	3450	3760	HB 5	930	5880	HB 6	982	4120	HB 6	982	7570	HB 6	1012	5430	HB 6	1012	9480	HB 6	1086	264	121	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HB150A	2000	1660	1860	3850	HB 5	968	6170	HB 6	1020	4230	HB 6	1020	7720	HB 6	1050	5570	HB 6	1050	9630	HB 6	1124	231	148	
	3000	2570	2860	3810	HB 5	968	6040	HB 6	1020	4180	HB 6	1020	7660	HB 6	1050	5510	HB 6	1050	9560	HB 6	1124	231	148	
	4000	3470	3860	3780	HB 5	968	5950	HB 6	1020	4150	HB 6	1020	7610	HB 6	1050	5470	HB 6	1050	9520	HB 6	1124	291	148	
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HB150S	2000	1610	1860	3820	HB 5	968	6080	HB 6	1020	4200	HB 6	1020	7680	HB 6	1050	5530	HB 6	1050	9580	HB 6	1124	231	148	
	3000	2480	2860	3770	HB 5	968	5910	HB 6	1020	4130	HB 6	1020	7590	HB 6	1050	5450	HB 6	1050	9500	HB 6	1124	231	148	
	4000	3310	3860	3330	HB 5	968	5780	HB 6	1020	4080	HB 6	1020	7520	HB 6	1050	5390	HB 6	1050	9430	HB 6	1124	291	148	
	5000	4090	4860	2690	HB 5	968	5660	HB 6	1020	4040	HB 6	1020	7460	HB 6	1050	5330	HB 6	1050	9360	HB 6	1124	351	148	
	6000	4830	5860	2040	HB 5	968	5560	HB 6	1020	4000	HB 6	1020	7410	HB 6	1050	5280	HB 6	1050	9310	HB 6	1124	351	148	
	7000	5530	6180	1000	HB 10	983	5260	HB 6	1020	3880	HB 6	1020	7240	HB 6	1050	5140	HB 6	1050	9140	HB 6	1124	411	148	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB190A	2000	1650	1860	3850	HB 5	998	6150	HB 6	1050	4220	HB 6	1050	7710	HB 6	1080	5560	HB 6	1080	9610	HB 6	1154	165	148	
	3000	2550	2860	3800	HB 5	998	6010	HB 6	1050	4170	HB 6	1050	7640	HB 6	1080	5490	HB 6	1080	9550	HB 6	1154	165	148	
	4000	3420	3860	3760	HB 5	998	5900	HB 6	1050	4130	HB 6	1050	7590	HB 6	1080	5440	HB 6	1080	9490	HB 6	1154	225	148	
	5000	4260	4860	3520	HB 5	998	5810	HB 6	1050	4090	HB 6	1050	7540	HB 6	1080	5400	HB 6	1080	9450	HB 6	1154	285	148	
	6000	5070	5570	2470	HB 5	998	5630	HB 6	1050	4020	HB 6	1050	7440	HB 6	1080	5320	HB 6	1080	9340	HB 6	1154	285	148	
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HB190S	2000	1600	1860	3810	HB 5	998	6050	HB 6	1050	4180	HB 6	1050	7660	HB 6	1080	5510	HB 6	1080	9570	HB 6	1154	231	148	
	3000	2450	2860	3750	HB 5	998	5870	HB 6	1050	4110	HB 6	1050	7570	HB 6	1080	5430	HB 6	1080	9470	HB 6	1154	231	148	
	4000	3260	3860	3020	HB 5	998	5720	HB 6	1050	4060	HB 6	1050	7490	HB 6	1080	5360	HB 6	1080	9400	HB 6	1154	291	148	
	5000	4010	4860	2280	HB 5	998	5600	HB 6	1050	4010	HB 6	1050	7430	HB 6	1080	5300	HB 6	1080	9330	HB 6	1154	351	148	
	6000	4730	5860	1550	HB 5	998	5480	HB 6	1050	3970	HB 6	1050	7370	HB 6	1080	5250	HB 6	1080	9260	HB 6	1154	351	148	
	7000	5400	6860	880	HB 5	998	5370	HB 6	1050	3930	HB 6	1050	7310	HB 6	1080	5200	HB 6	1080	9200	HB 6	1154	411	148	
	8000	6040	7710	-	-	-	5240	HB 6	1050	3870	HB 6	1050	7230	HB 6	1080	5130	HB 6	1080	9120	HB 6	1154	471	148	
	9000	6740	7740	-	-	-	4940	HB 6	1050	3750	HB 6	1050	6920	HB 6	1080	4980	HB 6	1080	8940	HB 6	1154	471	148	
	10000	7740	7800	-	-	-	4670	HB 6	1050	3650	HB 6	1050	6580	HB 6	1080	4850	HB 6	1080	8770	HB 6	1154	531	148	
HB250	2000	1600	1800	3750	HB 5	1066	5860	HB 6	1118	4110	HB 6	1118	7560	HB 6	1148	5420	HB 6	1148	9470	HB 6	1222	165	135	
	3000	2420	2800	2840	HB 5	1066	5690	HB 6	1118	4050	HB 6	1118	7480	HB 6	1148	5340	HB 6	1148	9380	HB 6	1222	165	135	
	4000	3180	3800	1920	HB 5	1066	5540	HB 6	1118	3990	HB 6	1118	7400	HB 6	1148	5270	HB 6	1148	9300	HB 6	1222	225	135	
	5000	3880	4800	1060	HB 5	1066	5410	HB 6	1118	3940	HB 6	1118	7320	HB 6	1148	5210	HB 6	1148	9220	HB 6	1222	285	135	
	6000	4540	5800	1040	HB 10	1081	5280	HB 6	1118	3890	HB 6	1118	7250	HB 6	1148	5150	HB 6	1148	9150	HB 6	1222	285	135	
	7000	5160	6800	-	-	-	5160	HB 6	1118	3840	HB 6	1118	7190	HB 6	1148	5090	HB 6	1148	9070	HB 6	1222	345	135	
	8000	5730	7800	-	-	-	5040	HB 6	1118	3790	HB 6	1118	7060	HB 6	1148	5030	HB 6	1148	9000	HB 6	1222	405	135	
	9000	6270	8800	-	-	-	4930	HB 6	1118	3750	HB 6	1118	6910	HB 6	1148	4980	HB 6	1148	8940	HB 6	1222	405	135	
	10000	6800	9600	-	-	-	4790	HB 6	1118	3700	HB 6	1118	6730	HB 6	1148	4910	HB 6	1148	8850	HB 6	1222	465	135	

Auslegung:

- Kran: DIN 15018 H1/B3
- Betrieb in allseitig geschlossener Halle
- Durchbiegungsgrenze für Kran u. Bahn 1/250
- Kranüberstände beidseitig gleich
- Bahnüberstände 200 mm
- Aufhängeabstand (LB) und die dazugehörige Aufhängelast (FA) gelten immer für die max. Kranspurweite (LS).
- Baumaß BMges bei Bahnprofil
 - HB110/150/190 mit Kurzaufhängung M
 - HB250 mit Normalaufhängung und 80 mm
- Auslegung gültig für einen Kran auf der Kranbahn als ABUS Standard Ausführung, ohne jegliche Anbauten
- Kran- und Katzfahren von Hand
- Weitere Auslegungen auf Anfrage möglich!

Crane design and calculation:

- Crane: DIN 15018 H1/B3
- Only for indoor operation
- Limit of deflection for crane and track is 1/250
- Equal crane projections on both sides
- Track projection 200 mm
- The suspension distance (LB) and the corresponding suspension loads (FA) are always valid for the maximum crane span (LS).
- Total dimension bei track profile
 - HB110/150/190 with Short suspension M
 - HB250 with Standard suspension and 80 mm threaded rod
- Calculation only valid for one crane per track as ABUS standard, without any attachments
- Manual crane and trolley travelling
- Further calculations possible on request!

Datenblatt:

Einträgerkran EHB

500 kg

Data sheet:

Single Girder Crane EHB

Kran- profil	Kran- träger- länge	Kranspur	Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)															Anfahrmaße / Seite						
Crane profile	Crane girder length	Crane span	Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)															Approach dimensions / Direction						
HB	LT	LS min mm max mm	HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A	C		
			LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}				
	mm		mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	mm	mm	
Hebezeug / Katzfahrwerk																							24,4 kg	
Hoist / Hoist trolley																							Weight of hoist	
HB110S	2000	1750 1900	1470	HB 5	930	5470	HB 6	982	3960	HB 6	982	7360	HB 6	1012	5240	HB 6	1012	9260	HB 6	1086	204	121		
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
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	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB150A	2000	1670 1860	510	HB 5	968	5300	HB 6	1020	3890	HB 6	1020	7260	HB 6	1050	5160	HB 6	1050	9160	HB 6	1124	231	148		
	3000	2600 2860	-	-	-	5190	HB 6	1020	3850	HB 6	1020	7200	HB 6	1050	5100	HB 6	1050	9090	HB 6	1124	231	148		
	4000	3510 3860	-	-	-	5110	HB 6	1020	3820	HB 6	1020	7140	HB 6	1050	5070	HB 6	1050	9050	HB 6	1124	291	148		
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	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB150S	2000	1630 1860	-	-	-	5230	HB 6	1020	3870	HB 6	1020	7220	HB 6	1050	5120	HB 6	1050	9120	HB 6	1124	231	148		
	3000	2520 2860	-	-	-	5080	HB 6	1020	3810	HB 6	1020	7110	HB 6	1050	5050	HB 6	1050	9030	HB 6	1124	231	148		
	4000	3370 3860	-	-	-	4980	HB 6	1020	3770	HB 6	1020	6980	HB 6	1050	5000	HB 6	1050	8970	HB 6	1124	291	148		
	5000	4190 4860	-	-	-	4890	HB 6	1020	3730	HB 6	1020	6860	HB 6	1050	4960	HB 6	1050	8910	HB 6	1124	351	148		
	6000	4960 5740	-	-	-	4770	HB 6	1020	3690	HB 6	1020	6700	HB 6	1050	4900	HB 6	1050	8830	HB 6	1124	351	148		
	7000	5710 5770	-	-	-	4420	HB 6	1020	3540	HB 6	1020	6240	HB 6	1050	4720	HB 6	1050	8600	HB 6	1124	411	148		
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB190A	2000	1660 1860	1040	HB 10	1013	5280	HB 6	1050	3890	HB 6	1050	7250	HB 6	1080	5150	HB 6	1080	9150	HB 6	1154	165	148		
	3000	2580 2860	-	-	-	5160	HB 6	1050	3840	HB 6	1050	7190	HB 6	1080	5090	HB 6	1080	9070	HB 6	1154	165	148		
	4000	3470 3860	-	-	-	5070	HB 6	1050	3810	HB 6	1050	7100	HB 6	1080	5050	HB 6	1080	9020	HB 6	1154	225	148		
	5000	4330 4860	-	-	-	5000	HB 6	1050	3780	HB 6	1050	7010	HB 6	1080	5010	HB 6	1080	8980	HB 6	1154	285	148		
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	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB190S	2000	1620 1860	-	-	-	5200	HB 6	1050	3860	HB 6	1050	7210	HB 6	1080	5110	HB 6	1080	9100	HB 6	1154	231	148		
	3000	2500 2860	-	-	-	5050	HB 6	1050	3800	HB 6	1050	7070	HB 6	1080	5040	HB 6	1080	9010	HB 6	1154	231	148		
	4000	3330 3860	-	-	-	4940	HB 6	1050	3750	HB 6	1050	6920	HB 6	1080	4980	HB 6	1080	8940	HB 6	1154	291	148		
	5000	4120 4860	-	-	-	4840	HB 6	1050	3710	HB 6	1050	6790	HB 6	1080	4930	HB 6	1080	8880	HB 6	1154	351	148		
	6000	4870 5860	-	-	-	4750	HB 6	1050	3680	HB 6	1050	6680	HB 6	1080	4890	HB 6	1080	8820	HB 6	1154	351	148		
	7000	5590 6860	-	-	-	4670	HB 6	1050	3640	HB 6	1050	6570	HB 6	1080	4840	HB 6	1080	8770	HB 6	1154	411	148		
	8000	6280 7250	-	-	-	4450	HB 6	1050	3550	HB 6	1050	6280	HB 6	1080	4730	HB 6	1080	8620	HB 6	1154	471	148		
	9000	7050 7290	-	-	-	4370	HB 11	1065	3450	HB 11	1065	6100	HB 11	1095	4590	HB 11	1095	8420	HB 11	1169	471	148		
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB250	2000	1620 1800	-	-	-	5040	HB 6	1118	3790	HB 6	1118	7060	HB 6	1148	5030	HB 6	1148	9000	HB 6	1222	165	135		
	3000	2470 2800	-	-	-	4910	HB 6	1118	3740	HB 6	1118	6880	HB 6	1148	4970	HB 6	1148	8920	HB 6	1222	165	135		
	4000	3260 3800	-	-	-	4790	HB 6	1118	3690	HB 6	1118	6730	HB 6	1148	4910	HB 6	1148	8850	HB 6	1222	225	135		
	5000	4010 4800	-	-	-	4690	HB 6	1118	3650	HB 6	1118	6590	HB 6	1148	4850	HB 6	1148	8780	HB 6	1222	285	135		
	6000	4720 5800	-	-	-	4590	HB 6	1118	3610	HB 6	1118	6460	HB 6	1148	4800	HB 6	1148	8710	HB 6	1222	285	135		
	7000	5380 6800	-	-	-	4490	HB 6	1118	3570	HB 6	1118	6340	HB 6	1148	4750	HB 6	1148	8650	HB 6	1222	345	135		
	8000	6010 7800	-	-	-	4590	HB 11	1133	3540	HB 11	1133	6380	HB 11	1163	4710	HB 11	1163	8580	HB 11	1237	405	135		
	9000	6600 8800	-	-	-	4500	HB 11	1133	3510	HB 11	1133	6270	HB 11	1163	4660	HB 11	1163	8520	HB 11	1237	405	135		
	10000	7180 9130	-	-	-	4320	HB 11	1133	3430	HB 11	1133	6020	HB 11	1163	4560	HB 11	1163	8380	HB 11	1237	465	135		

Auslegung:

- Kran: DIN 15018 H1/B3
- Betrieb in allseitig geschlossener Halle
- Durchbiegungsgrenze für Kran u. Bahn 1/250
- Kranüberstände beidseitig gleich
- Bahnüberstände 200 mm
- Aufhängeabstand (LB) und die dazugehörige Aufhängelast (FA) gelten immer für die max. Kranspurweite (LS).
- Baumaß BMges bei Bahnprofil
 - HB110/150/190 mit Kurzaufhängung M
 - HB250 mit Normalaufhängung und 80 mm
- Auslegung gültig für einen Kran auf der Kranbahn als ABUS Standard Ausführung, ohne jegliche Anbauten
- Kran- und Katzfahren von Hand
- Weitere Auslegungen auf Anfrage möglich!

Crane design and calculation:

- Crane: DIN 15018 H1/B3
- Only for indoor operation
- Limit of deflection for crane and track is 1/250
- Equal crane projections on both sides
- Track projection 200 mm
- The suspension distance (LB) and the corresponding suspension loads (FA) are always valid for the maximum crane span (LS).
- Total dimension bei track profile
 - HB110/150/190 with Short suspension M
 - HB250 with Standard suspension and 80 mm threaded rod
- Calculation only valid for one crane per track as ABUS standard, without any attachments
- Manual crane and trolley travelling
- Further calculations possible on request!

Datenblatt:
Data sheet:

Einträgerkran EHB
Single Girder Crane EHB

630 kg

Kran- profil	Kran- träger- länge	Kranspur	Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)															Anfahrmaße / Seite				
Crane profile	Crane girder length	Crane span	Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)															Approach dimensions / Direction				
HB	LT mm	LS min mm max mm	HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A mm	C mm
			LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}		
			mm	Type	mm	mm	Type	mm	mm	Type	mm	mm	Type	mm	mm	Type	mm	Type	mm	mm		
Hebezeug / Katzfahrwerk Hoist / Hoist trolley															Gewicht Hebezeug Weight of hoist					34,5 kg		
HB150A	2000	1680 1860	-	-	-	4580	HB 11	1011	3540	HB 11	1011	6370	HB 11	1041	4700	HB 11	1041	8570	HB 11	1115	231	148
	3000	2620 2860	-	-	-	4490	HB 11	1011	3500	HB 11	1011	6260	HB 11	1041	4660	HB 11	1041	8510	HB 11	1115	231	148
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB150S	2000	1650 1860	-	-	-	4530	HB 11	1011	3520	HB 11	1011	6310	HB 11	1041	4680	HB 11	1041	8540	HB 11	1115	231	148
	3000	2560 2860	-	-	-	4420	HB 11	1011	3470	HB 11	1011	6160	HB 11	1041	4620	HB 11	1041	8460	HB 11	1115	231	148
	4000	3430 3860	-	-	-	4340	HB 11	1011	3440	HB 11	1011	6060	HB 11	1041	4580	HB 11	1041	8400	HB 11	1115	291	148
	5000	4280 4750	-	-	-	4240	HB 11	1011	3390	HB 11	1011	5920	HB 11	1041	4520	HB 11	1041	8320	HB 11	1115	351	148
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB190A	2000	1670 1860	-	-	-	4570	HB 11	1041	3530	HB 11	1041	6350	HB 11	1071	4700	HB 11	1071	8560	HB 11	1145	165	148
	3000	2600 2860	-	-	-	4470	HB 11	1041	3490	HB 11	1041	6230	HB 11	1071	4650	HB 11	1071	8490	HB 11	1145	165	148
	4000	3510 3860	-	-	-	4410	HB 11	1041	3470	HB 11	1041	6150	HB 11	1071	4610	HB 11	1071	8450	HB 11	1145	225	148
	5000	4400 4670	-	-	-	4290	HB 11	1041	3420	HB 11	1041	5990	HB 11	1071	4550	HB 11	1071	8360	HB 11	1145	285	148
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB190S	2000	1640 1860	-	-	-	4510	HB 11	1041	3510	HB 11	1041	6290	HB 11	1071	4670	HB 11	1071	8530	HB 11	1145	231	148
	3000	2540 2860	-	-	-	4400	HB 11	1041	3460	HB 11	1041	6130	HB 11	1071	4610	HB 11	1071	8440	HB 11	1145	231	148
	4000	3400 3860	-	-	-	4320	HB 11	1041	3430	HB 11	1041	6020	HB 11	1071	4560	HB 11	1071	8380	HB 11	1145	291	148
	5000	4230 4860	-	-	-	4240	HB 11	1041	3390	HB 11	1041	5920	HB 11	1071	4520	HB 11	1071	8320	HB 11	1145	351	148
	6000	5020 5860	-	-	-	4180	HB 11	1041	3370	HB 11	1041	5840	HB 11	1071	4480	HB 11	1071	8270	HB 11	1145	351	148
	7000	5780 6570	-	-	-	4050	HB 11	1041	3310	HB 11	1041	5670	HB 11	1071	4340	HB 11	1071	8170	HB 11	1145	411	148
	8000	6520 6570	-	-	-	3790	HB 11	1041	3190	HB 11	1041	5310	HB 11	1071	4080	HB 11	1071	7960	HB 11	1145	471	148
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB250	2000	1640 1800	-	-	-	4390	HB 11	1109	3460	HB 11	1109	6120	HB 11	1139	4600	HB 11	1139	8430	HB 11	1213	165	135
	3000	2520 2800	-	-	-	4290	HB 11	1109	3410	HB 11	1109	5980	HB 11	1139	4540	HB 11	1139	8360	HB 11	1213	165	135
	4000	3350 3800	-	-	-	4210	HB 11	1109	3380	HB 11	1109	5870	HB 11	1139	4500	HB 11	1139	8290	HB 11	1213	225	135
	5000	4140 4800	-	-	-	4130	HB 11	1109	3350	HB 11	1109	5770	HB 11	1139	4410	HB 11	1139	8240	HB 11	1213	285	135
	6000	4890 5800	-	-	-	4060	HB 11	1109	3310	HB 11	1109	5680	HB 11	1139	4350	HB 11	1139	8180	HB 11	1213	285	135
	7000	5600 6800	-	-	-	3990	HB 11	1109	3280	HB 11	1109	5590	HB 11	1139	4270	HB 11	1139	8130	HB 11	1213	345	135
	8000	6280 7800	-	-	-	3930	HB 11	1109	3260	HB 11	1109	5500	HB 11	1139	4210	HB 11	1139	8070	HB 11	1213	405	135
	9000	6940 8540	-	-	-	3830	HB 11	1109	3210	HB 11	1109	5360	HB 11	1139	4100	HB 11	1139	7990	HB 11	1213	405	135
	10000	7620 8570	-	-	-	3630	HB 11	1109	3120	HB 11	1109	5090	HB 11	1139	3900	HB 11	1139	7810	HB 11	1213	465	135

Auslegung:

- Kran: DIN 15018 H1/B3
- Betrieb in allseitig geschlossener Halle
- Durchbiegungsgrenze für Kran u. Bahn 1/250
- Kranüberstände beidseitig gleich
- Bahnüberstände 200 mm
- Aufhängeabstand (LB) und die dazugehörige Aufhängelast (FA) gelten immer für die max. Kranspurweite (LS).
- Baumaß BMges bei Bahnprofil
 - HB110/150/190 mit Kurzaufhängung M
 - HB250 mit Normalaufhängung und 80 mm
- Auslegung gültig für einen Kran auf der Kranbahn als ABUS Standard Ausführung, ohne jegliche Anbauten
- Kran- und Katzfahren von Hand
- Weitere Auslegungen auf Anfrage möglich!

Crane design and calculation:

- Crane: DIN 15018 H1/B3
- Only for indoor operation
- Limit of deflection for crane and track is 1/250
- Equal crane projections on both sides
- Track projection 200 mm
- The suspension distance (LB) and the corresponding suspension loads (FA) are always valid for the maximum crane span (LS).
- Total dimension bei track profile
 - HB110/150/190 with Short suspension M
 - HB250 with Standard suspension and 80 mm threaded rod
- Calculation only valid for one crane per track as ABUS standard, without any attachments
- Manual crane and trolley travelling
- Further calculations possible on request!

Datenblatt:

Einträgerkran EHB

800 kg

Data sheet:

Single Girder Crane EHB

Kran- profil	Kran- träger- länge	Kranspur		Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)															Anfahrmaße / Seite				
Crane profile	Crane girder length	Crane span		Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)															Approach dimensions / Direction				
HB	LT	LS		HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A	C
				LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}		
	mm	min mm	max mm	mm	Type	mm	mm	Type	mm	mm	Type	mm	mm	Type	mm	mm	Type	mm	mm	Type	mm	mm	
Hebezeug / Katzfahrwerk																		38		kg			
Hoist / Hoist trolley																		Weight of hoist					
HB150A	2000	1420	1860	-	-	-	4100	HB 11	1102	3330	HB 11	1102	5730	HB 11	1132	4390	HB 11	1132	8210	HB 11	1206	331	308
	3000	2380	2860	-	-	-	3910	HB 11	1102	3250	HB 11	1102	5480	HB 11	1132	4200	HB 11	1132	8060	HB 11	1206	391	308
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HB150S	2000	1400	1860	-	-	-	4060	HB 11	1102	3320	HB 11	1102	5680	HB 11	1132	4350	HB 11	1132	8180	HB 11	1206	331	308
	3000	2320	2860	-	-	-	3860	HB 11	1102	3220	HB 11	1102	5400	HB 11	1132	4150	HB 11	1132	8010	HB 11	1206	391	308
	4000	3210	3860	-	-	-	3750	HB 11	1102	3170	HB 11	1102	5250	HB 11	1132	4030	HB 11	1132	7920	HB 11	1206	451	308
	5000	4070	4670	-	-	-	3620	HB 11	1102	3110	HB 11	1102	5070	HB 11	1132	3890	HB 11	1132	7800	HB 11	1206	451	308
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HB190A	2000	1420	1860	-	-	-	4090	HB 11	1132	3330	HB 11	1132	5720	HB 11	1162	4380	HB 11	1162	8200	HB 11	1236	308	308
	3000	2360	2860	-	-	-	3900	HB 11	1132	3240	HB 11	1132	5460	HB 11	1162	4190	HB 11	1162	8050	HB 11	1236	325	308
	4000	3280	3860	-	-	-	3800	HB 11	1132	3200	HB 11	1132	5320	HB 11	1162	4080	HB 11	1162	7960	HB 11	1236	385	308
	5000	4180	4240	-	-	-	3540	HB 11	1132	3070	HB 11	1132	4950	HB 11	1162	3810	HB 11	1162	7730	HB 11	1236	385	308
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HB190S	2000	1390	1860	-	-	-	4050	HB 11	1132	3310	HB 11	1132	5660	HB 11	1162	4340	HB 11	1162	8170	HB 11	1236	331	308
	3000	2300	2860	-	-	-	3840	HB 11	1132	3220	HB 11	1132	5380	HB 11	1162	4130	HB 11	1162	8000	HB 11	1236	391	308
	4000	3180	3860	-	-	-	3730	HB 11	1132	3160	HB 11	1132	5220	HB 11	1162	4000	HB 11	1162	7900	HB 11	1236	451	308
	5000	4030	4860	-	-	-	3650	HB 11	1132	3130	HB 11	1132	5110	HB 11	1162	3920	HB 11	1162	7830	HB 11	1236	451	308
	6000	4860	5640	-	-	-	3530	HB 11	1132	3070	HB 11	1132	4950	HB 11	1162	3790	HB 11	1162	7720	HB 11	1236	511	308
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HB250	2000	1400	1800	-	-	-	3940	HB 11	1200	3260	HB 11	1200	5520	HB 11	1230	4220	HB 11	1230	8080	HB 11	1304	295	295
	3000	2290	2800	-	-	-	3760	HB 11	1200	3180	HB 11	1200	5260	HB 11	1230	4030	HB 11	1230	7920	HB 11	1304	325	295
	4000	3140	3800	-	-	-	3640	HB 11	1200	3120	HB 11	1200	5110	HB 11	1230	3920	HB 11	1230	7830	HB 11	1304	385	295
	5000	3960	4800	-	-	-	3560	HB 11	1200	3090	HB 11	1200	4990	HB 11	1230	3840	HB 11	1230	7750	HB 11	1304	385	295
	6000	4760	5800	-	-	-	3490	HB 11	1200	3050	HB 11	1200	4900	HB 11	1230	3750	HB 11	1230	7690	HB 11	1304	445	295
	7000	5530	6800	-	-	-	3430	HB 11	1200	3020	HB 11	1200	4820	HB 11	1230	3700	HB 11	1230	7630	HB 11	1304	505	295
	8000	6270	7800	-	-	-	3380	HB 11	1200	3000	HB 11	1200	4740	HB 11	1230	3640	HB 11	1230	7580	HB 11	1304	505	295
	9000	6980	7930	-	-	-	3200	HB 11	1200	2910	HB 11	1200	4490	HB 11	1230	3460	HB 11	1230	7410	HB 11	1304	565	295
	10000	7710	7970	-	-	-	3040	HB 11	1200	2830	HB 11	1200	4260	HB 11	1230	3280	HB 11	1230	7230	HB 11	1304	625	295

Auslegung:

- Kran: DIN 15018 H1/B3
- Betrieb in allseitig geschlossener Halle
- Durchbiegungsgrenze für Kran u. Bahn 1/250
- Kranüberstände beidseitig gleich
- Bahnüberstände 200 mm
- Aufhängeabstand (LB) und die dazugehörige Aufhängelast (FA) gelten immer für die max. Kranspurweite (LS).
- Baumaß BMges bei Bahnprofil
 - HB110/150/190 mit Kurzaufhängung M
 - HB250 mit Normalaufhängung und 80 mm
- Auslegung gültig für einen Kran auf der Kranbahn als ABUS Standard Ausführung, ohne jegliche Anbauten
- Kran- und Katzfahren von Hand
- Weitere Auslegungen auf Anfrage möglich!

Crane design and calculation:

- Crane: DIN 15018 H1/B3
- Only for indoor operation
- Limit of deflection for crane and track is 1/250
- Equal crane projections on both sides
- Track projection 200 mm
- The suspension distance (LB) and the corresponding suspension loads (FA) are always valid for the maximum crane span (LS).
- Total dimension bei track profile
 - HB110/150/190 with Short suspension M
 - HB250 with Standard suspension and 80 mm threaded rod
- Calculation only valid for one crane per track as ABUS standard, without any attachments
- Manual crane and trolley travelling
- Further calculations possible on request!

Datenblatt:
Data sheet:

Einträgerkran EHB
Single Girder Crane EHB

1000 kg

Kran- profil	Kran- träger- länge	Kranspur		Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)															Anfahrmaße / Seite					
Crane profile	Crane girder length	Crane span		Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)															Approach dimensions / Direction					
HB	LT mm	LS min mm max mm		HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A mm	C mm	
				LB mm	KFW Type	BM _{ges} mm	LB mm	KFW Type	BM _{ges} mm	LB mm	KFW Type	BM _{ges} mm	LB mm	KFW Type	BM _{ges} mm	LB mm	KFW Type	BM _{ges} mm	LB mm	KFW Type	BM _{ges} mm			
Hebezeug / Katzfahrwerk Hoist / Hoist trolley																	GM 4 1000.5-2/HB ES 11			Gewicht Hebezeug Weight of hoist			38 kg	
HB150A	2000	1430	1860	-	-	-	3460	HB 11	1102	3040	HB 11	1102	4860	HB 11	1132	3730	HB 11	1132	7660	HB 11	1206	331	308	
	3000	2390	2860	-	-	-	3310	HB 11	1102	2960	HB 11	1102	4640	HB 11	1132	3560	HB 11	1132	7510	HB 11	1206	391	308	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB150S	2000	1410	1860	-	-	-	3440	HB 11	1102	3030	HB 11	1102	4820	HB 11	1132	3700	HB 11	1132	7630	HB 11	1206	331	308	
	3000	2350	2860	-	-	-	3270	HB 11	1102	2940	HB 11	1102	4590	HB 11	1132	3520	HB 11	1132	7470	HB 11	1206	391	308	
	4000	3250	3860	-	-	-	3180	HB 11	1102	2900	HB 11	1102	4460	HB 11	1132	3440	HB 11	1132	7380	HB 11	1206	451	308	
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HB190A	2000	1420	1860	-	-	-	3460	HB 11	1132	3030	HB 11	1132	4850	HB 11	1162	3720	HB 11	1162	7650	HB 11	1236	308	308	
	3000	2380	2860	-	-	-	3300	HB 11	1132	2960	HB 11	1132	4620	HB 11	1162	3550	HB 11	1162	7500	HB 11	1236	325	308	
	4000	3310	3850	-	-	-	3210	HB 11	1132	2910	HB 11	1132	4500	HB 11	1162	3460	HB 11	1162	7410	HB 11	1236	385	308	
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	3000	2330	2860	-	-	-	3260	HB 11	1132	2940	HB 11	1132	4570	HB 11	1162	3510	HB 11	1162	7460	HB 11	1236	391	308	
	4000	3230	3860	-	-	-	3170	HB 11	1132	2890	HB 11	1132	4440	HB 11	1162	3420	HB 11	1162	7370	HB 11	1236	451	308	
	5000	4100	4770	-	-	-	3080	HB 11	1132	2850	HB 11	1132	4320	HB 11	1162	3330	HB 11	1162	7280	HB 11	1236	451	308	
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HB250	2000	1420	1800	-	-	-	3340	HB 11	1200	2980	HB 11	1200	4680	HB 11	1230	3600	HB 11	1230	7540	HB 11	1304	295	295	
	3000	2320	2800	-	-	-	3190	HB 11	1200	2900	HB 11	1200	4470	HB 11	1230	3450	HB 11	1230	7390	HB 11	1304	325	295	
	4000	3190	3800	-	-	-	3100	HB 11	1200	2860	HB 11	1200	4350	HB 11	1230	3350	HB 11	1230	7300	HB 11	1304	385	295	
	5000	4040	4800	-	-	-	3040	HB 11	1200	2830	HB 11	1200	4260	HB 11	1230	3280	HB 11	1230	7230	HB 11	1304	385	295	
	6000	4870	5800	-	-	-	2980	HB 11	1200	2800	HB 11	1200	4190	HB 11	1230	3220	HB 11	1230	7180	HB 11	1304	445	295	
	7000	5670	6800	-	-	-	2940	HB 11	1200	2780	HB 11	1200	4120	HB 11	1230	3170	HB 11	1230	7130	HB 11	1304	505	295	
	8000	6450	7350	-	-	-	2840	HB 11	1200	2680	HB 11	1200	3980	HB 11	1230	3070	HB 11	1230	7010	HB 11	1304	505	295	
	9000	7320	7380	-	-	-	2580	HB 11	1200	2530	HB 11	1200	3750	HB 11	1230	2890	HB 11	1230	6820	HB 11	1304	565	295	
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Auslegung:

- Kran: DIN 15018 H1/B3
- Betrieb in allseitig geschlossener Halle
- Durchbiegungsgrenze für Kran u. Bahn 1/250
- Kranüberstände beidseitig gleich
- Bahnüberstände 200 mm
- Aufhängeabstand (LB) und die dazugehörige Aufhängelast (FA) gelten immer für die max. Kranspurweite (LS).
- Baumaß BMges bei Bahnprofil
 - HB110/150/190 mit Kurzaufhängung M
 - HB250 mit Normalaufhängung und 80 mm
- Auslegung gültig für einen Kran auf der Kranbahn als ABUS Standard Ausführung, ohne jegliche Anbauten
- Kran- und Katzfahren von Hand
- Weitere Auslegungen auf Anfrage möglich!

Crane design and calculation:

- Crane: DIN 15018 H1/B3
- Only for indoor operation
- Limit of deflection for crane and track is 1/250
- Equal crane projections on both sides
- Track projection 200 mm
- The suspension distance (LB) and the corresponding suspension loads (FA) are always valid for the maximum crane span (LS).
- Total dimension bei track profile
 - HB110/150/190 with Short suspension M
 - HB250 with Standard suspension and 80 mm threaded rod
- Calculation only valid for one crane per track as ABUS standard, without any attachments
- Manual crane and trolley travelling
- Further calculations possible on request!

Datenblatt:
Data sheet:

Einträgerkran EHB
Single Girder Crane EHB

1250 kg

Kran- profil	Kran- träger- länge	Kranspur		Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)																Anfahrmaße / Seite				
Crane profile	Crane girder length	Crane span		Track data LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)																Approach dimensions / Direction				
HB	LT mm	LS min mm max mm		HB110S			HB150S			HB150A			HB190S			HB190A			HB250			A mm	C mm	
				LB mm	KFW Type mm	BM _{ges} mm	LB mm	KFW Type mm	BM _{ges} mm	LB mm	KFW Type mm	BM _{ges} mm	LB mm	KFW Type mm	BM _{ges} mm	LB mm	KFW Type mm	BM _{ges} mm	LB mm	KFW Type mm	BM _{ges} mm			
Hebezeug / Katzfahrwerk Hoist / Hoist trolley																	GM 4 1250.4-2/HB ES 11			Gewicht Hebezeug Weight of hoist			38 kg	
HB150A	2000	1490	1860	-	-	-	2910	HB 11	1102	2760	HB 11	1102	4080	HB 11	1132	3150	HB 11	1132	7090	HB 11	1206	331	308	
	3000	2580	2610	-	-	-	2680	HB 11	1102	2540	HB 11	1102	3760	HB 11	1132	2900	HB 11	1132	6830	HB 11	1206	391	308	
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HB150S	2000	1510	1860	-	-	-	2890	HB 11	1102	2730	HB 11	1102	4050	HB 11	1132	3130	HB 11	1132	7070	HB 11	1206	331	308	
	3000	2640	2860	-	-	-	2750	HB 11	1102	2600	HB 11	1102	3860	HB 11	1132	2980	HB 11	1132	6920	HB 11	1206	391	308	
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HB190A	2000	1490	1860	-	-	-	2900	HB 11	1132	2740	HB 11	1132	4070	HB 11	1162	3150	HB 11	1162	7090	HB 11	1236	308	308	
	3000	2600	2860	-	-	-	2770	HB 11	1132	2620	HB 11	1132	3890	HB 11	1162	3000	HB 11	1162	6940	HB 11	1236	325	308	
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	3000	2660	2860	-	-	-	2750	HB 11	1132	2600	HB 11	1132	3850	HB 11	1162	2970	HB 11	1162	6910	HB 11	1236	391	308	
	4000	3850	3860	-	-	-	2540	HB 11	1132	2530	HB 11	1132	3740	HB 11	1162	2890	HB 11	1162	6820	HB 11	1236	451	308	
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HB250	2000	1560	1800	-	-	-	2810	HB 11	1200	2660	HB 11	1200	3950	HB 11	1230	3050	HB 11	1230	6990	HB 11	1304	295	295	
	3000	2730	2800	-	-	-	2690	HB 11	1200	2540	HB 11	1200	3770	HB 11	1230	2910	HB 11	1230	6840	HB 11	1304	325	295	
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