

Datenblatt:
Data sheet:

Zweiträgerkran ZHB
Double Girder Crane ZHB

100 kg

Kranprofil Crane profile	Kranträgerlänge Crane girder length	Kranspur Crane span	Bahndaten Track data												Anfahrmaße / Seite Approach dimensions / Direction							
			LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH) LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)												A	C						
HB	LT mm	LS min mm max mm		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}						
Hebezeug / Katzfahrwerk Hoist / Hoist trolley																	GM 2 100.12-1/HB ZS 6		Gewicht Hebezeug Weight of hoist		21,8 kg	
HB150A	2000	1200	1860	7780	HB 6	719	5820	HB 6	719	9360	HB 6	749	7370	HB 6	749	10500	HB 6	823	471	448		
	3000	1670	2860	7590	HB 6	719	5600	HB 6	719	9170	HB 6	749	7130	HB 6	749	10500	HB 6	823	531	448		
	4000	2270	3860	7460	HB 6	719	5450	HB 6	719	9040	HB 6	749	6960	HB 6	749	10500	HB 6	823	591	448		
	5000	2830	4860	7340	HB 6	719	5330	HB 6	719	8930	HB 6	749	6830	HB 6	749	10500	HB 6	823	591	448		
	6000	3340	5860	7240	HB 6	719	5230	HB 6	719	8830	HB 6	749	6710	HB 6	749	10500	HB 6	823	651	448		
	7000	3800	6860	7140	HB 6	719	5130	HB 6	719	8740	HB 6	749	6610	HB 6	749	10500	HB 6	823	711	448		
	8000	4800	7060	6990	HB 6	719	4990	HB 6	719	8590	HB 6	749	6440	HB 6	749	10410	HB 6	823	711	448		
	9000	5800	7140	6830	HB 6	719	4840	HB 6	719	8440	HB 6	749	6270	HB 6	749	10270	HB 6	823	771	448		
	10000	6800	7280	6700	HB 6	719	4720	HB 6	719	8290	HB 6	749	6130	HB 6	749	10140	HB 6	823	831	448		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HB150S	2000	1200	1860	7650	HB 6	719	5660	HB 6	719	9220	HB 6	749	7200	HB 6	749	10500	HB 6	823	471	448		
	3000	1460	2860	7400	HB 6	719	5390	HB 6	719	8980	HB 6	749	6890	HB 6	749	10500	HB 6	823	531	448		
	4000	1950	3860	7200	HB 6	719	5190	HB 6	719	8800	HB 6	749	6670	HB 6	749	10500	HB 6	823	591	448		
	5000	2370	4860	7030	HB 6	719	5030	HB 6	719	8640	HB 6	749	6490	HB 6	749	10450	HB 6	823	591	448		
	6000	2800	5860	6890	HB 6	719	4890	HB 6	719	8490	HB 6	749	6330	HB 6	749	10310	HB 6	823	651	448		
	7000	3800	6860	6750	HB 6	719	4770	HB 6	719	8350	HB 6	749	6180	HB 6	749	10190	HB 6	823	711	448		
	8000	4800	7860	6620	HB 6	719	4650	HB 6	719	8210	HB 6	749	6050	HB 6	749	10070	HB 6	823	711	448		
	9000	5800	8690	6490	HB 6	719	4540	HB 6	719	8070	HB 6	749	5910	HB 6	749	9940	HB 6	823	771	448		
	10000	6800	8740	6330	HB 6	719	4400	HB 6	719	7890	HB 6	749	5740	HB 6	749	9780	HB 6	823	831	448		
	11000	7800	8850	6180	HB 6	719	4280	HB 6	719	7730	HB 6	749	5590	HB 6	749	9630	HB 6	823	831	448		
12000	8800	9010	6050	HB 6	719	4170	HB 6	719	7580	HB 6	749	5460	HB 6	749	9480	HB 6	823	891	448			
HB190A	2000	1200	1860	7740	HB 6	709	5780	HB 6	709	9320	HB 6	739	7320	HB 6	739	10500	HB 6	813	448	448		
	3000	1600	2860	7540	HB 6	709	5540	HB 6	709	9120	HB 6	739	7060	HB 6	739	10500	HB 6	813	465	448		
	4000	2170	3860	7390	HB 6	709	5370	HB 6	709	8970	HB 6	739	6880	HB 6	739	10500	HB 6	813	525	448		
	5000	2690	4860	7250	HB 6	709	5240	HB 6	709	8850	HB 6	739	6730	HB 6	739	10500	HB 6	813	525	448		
	6000	3140	5860	7140	HB 6	709	5130	HB 6	709	8740	HB 6	739	6600	HB 6	739	10500	HB 6	813	585	448		
	7000	3800	6860	7030	HB 6	709	5020	HB 6	709	8630	HB 6	739	6480	HB 6	739	10440	HB 6	813	645	448		
	8000	4800	7860	6930	HB 6	709	4930	HB 6	709	8530	HB 6	739	6370	HB 6	739	10350	HB 6	813	645	448		
	9000	5800	8550	6810	HB 6	709	4820	HB 6	709	8410	HB 6	739	6250	HB 6	739	10240	HB 6	813	705	448		
	10000	6800	8600	6660	HB 6	709	4690	HB 6	709	8250	HB 6	739	6090	HB 6	739	10110	HB 6	813	765	448		
	11000	7800	8710	6530	HB 6	709	4570	HB 6	709	8110	HB 6	739	5950	HB 6	739	9980	HB 6	813	765	448		
12000	8800	8860	6410	HB 6	709	4460	HB 6	709	7970	HB 6	739	5820	HB 6	739	9850	HB 6	813	825	448			
HB190S	2000	1200	1860	7600	HB 6	709	5610	HB 6	709	9180	HB 6	739	7140	HB 6	739	10500	HB 6	813	471	448		
	3000	1400	2860	7330	HB 6	709	5320	HB 6	709	8920	HB 6	739	6820	HB 6	739	10500	HB 6	813	531	448		
	4000	1870	3860	7120	HB 6	709	5110	HB 6	709	8720	HB 6	739	6580	HB 6	739	10500	HB 6	813	591	448		
	5000	2260	4860	6940	HB 6	709	4940	HB 6	709	8550	HB 6	739	6390	HB 6	739	10360	HB 6	813	591	448		
	6000	2800	5860	6780	HB 6	709	4790	HB 6	709	8380	HB 6	739	6210	HB 6	739	10210	HB 6	813	651	448		
	7000	3800	6860	6630	HB 6	709	4660	HB 6	709	8220	HB 6	739	6050	HB 6	739	10070	HB 6	813	711	448		
	8000	4800	7860	6490	HB 6	709	4540	HB 6	709	8070	HB 6	739	5910	HB 6	739	9940	HB 6	813	711	448		
	9000	5800	8860	6360	HB 6	709	4430	HB 6	709	7930	HB 6	739	5780	HB 6	739	9810	HB 6	813	771	448		
	10000	6800	9860	6240	HB 6	709	4330	HB 6	709	7790	HB 6	739	5650	HB 6	739	9690	HB 6	813	831	448		
	11000	7800	10210	6100	HB 6	709	4210	HB 6	709	7640	HB 6	739	5510	HB 6	739	9540	HB 6	813	831	448		
12000	8800	10290	5960	HB 6	709	4090	HB 6	709	7480	HB 6	739	5370	HB 6	739	9370	HB 6	813	891	448			
HB250	2000	1200	1800	7440	HB 6	777	5430	HB 6	777	9020	HB 6	807	6940	HB 6	807	10500	HB 6	881	435	435		
	3000	1310	2800	7140	HB 6	777	5130	HB 6	777	8740	HB 6	807	6600	HB 6	807	10500	HB 6	881	465	435		
	4000	1710	3800	6900	HB 6	777	4910	HB 6	777	8510	HB 6	807	6350	HB 6	807	10330	HB 6	881	525	435		
	5000	2050	4800	6700	HB 6	777	4720	HB 6	777	8290	HB 6	807	6130	HB 6	807	10140	HB 6	881	525	435		
	6000	2800	5800	6520	HB 6	777	4560	HB 6	777	8100	HB 6	807	5940	HB 6	807	9970	HB 6	881	585	435		
	7000	3800	6800	6360	HB 6	777	4420	HB 6	777	7920	HB 6	807	5770	HB 6	807	9800	HB 6	881	645	435		
	8000	4800	7800	6200	HB 6	777	4290	HB 6	777	7750	HB 6	807	5610	HB 6	807	9650	HB 6	881	645	435		
	9000	5800	8800	6060	HB 6	777	4180	HB 6	777	7590	HB 6	807	5470	HB 6	807	9490	HB 6	881	705	435		
	10000	6800	9800	5930	HB 6	777	4070	HB 6	777	7440	HB 6	807	5340	HB 6	807	9340	HB 6	881	765	435		
	11000	7800	10800	5810	HB 6	777	3970	HB 6	777	7300	HB 6	807	5220	HB 6	807	9190	HB 6	881	765	435		
12000	8800	11750	5590	HB 6	777	3880	HB 6	777	7170	HB 6	807	5100	HB 6	807	9050	HB 6	881	825	435			

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
 - HB150/190 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: 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

- HB150/190 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:

Zweiträgerkran ZHB
Double Girder Crane ZHB

500 kg

Kranprofil Crane profile	Kranträgerlänge Crane girder length	Kranspur Crane span	Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)															Anfahrmaße / Seite		
			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		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				
Hebezeug / Katzfahrwerk Hoist / Hoist trolley															GM 2 500.4-2/HB ZS 6		Gewicht Hebezeug Weight of hoist		24.4 kg	
HB150A	2000	1200	1860	5910	HB 6	795	4060	HB 6	795	7430	HB 6	825	5320	HB 6	825	9320	HB 6	899	471	448
	3000	2000	2860	5620	HB 6	795	3890	HB 6	795	7190	HB 6	825	5110	HB 6	825	9070	HB 6	899	531	448
	4000	2820	3860	5390	HB 6	795	3800	HB 6	795	7060	HB 6	825	5000	HB 6	825	8920	HB 6	899	591	448
	5000	3590	4860	5240	HB 6	795	3740	HB 6	795	6960	HB 6	825	4920	HB 6	825	8820	HB 6	899	591	448
	6000	4350	5080	4890	HB 6	795	3590	HB 6	795	6660	HB 6	825	4740	HB 6	825	8580	HB 6	899	651	448
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB150S	2000	1200	1860	5840	HB 6	795	4000	HB 6	795	7350	HB 6	825	5250	HB 6	825	9230	HB 6	899	471	448
	3000	1890	2860	5430	HB 6	795	3810	HB 6	795	7080	HB 6	825	5020	HB 6	825	8950	HB 6	899	531	448
	4000	2610	3860	5170	HB 6	795	3710	HB 6	795	6920	HB 6	825	4880	HB 6	825	8770	HB 6	899	591	448
	5000	3300	4860	4970	HB 6	795	3630	HB 6	795	6780	HB 6	825	4780	HB 6	825	8640	HB 6	899	591	448
	6000	3950	5860	4820	HB 6	795	3560	HB 6	795	6570	HB 6	825	4700	HB 6	825	8530	HB 6	899	651	448
	7000	4560	6860	4680	HB 6	795	3500	HB 6	795	6390	HB 6	825	4630	HB 6	825	8430	HB 6	899	711	448
	8000	5210	7090	4430	HB 6	795	3400	HB 6	795	6050	HB 6	825	4490	HB 6	825	8230	HB 6	899	711	448
	9000	6250	7150	4190	HB 6	795	3290	HB 6	795	5720	HB 6	825	4340	HB 6	825	8030	HB 6	899	771	448
	10000	7220	7250	3980	HB 6	795	3190	HB 6	795	5430	HB 6	825	4220	HB 6	825	7850	HB 6	899	831	448
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB190A	2000	1200	1860	5890	HB 6	785	4040	HB 6	785	7400	HB 6	815	5300	HB 6	815	9290	HB 6	889	448	448
	3000	1970	2860	5570	HB 6	785	3870	HB 6	785	7160	HB 6	815	5090	HB 6	815	9030	HB 6	889	465	448
	4000	2760	3860	5330	HB 6	785	3770	HB 6	785	7020	HB 6	815	4970	HB 6	815	8880	HB 6	889	525	448
	5000	3500	4860	5160	HB 6	785	3700	HB 6	785	6910	HB 6	815	4880	HB 6	815	8770	HB 6	889	525	448
	6000	4230	5860	5030	HB 6	785	3650	HB 6	785	6830	HB 6	815	4810	HB 6	815	8680	HB 6	889	585	448
	7000	4920	6540	4850	HB 6	785	3570	HB 6	785	6610	HB 6	815	4720	HB 6	815	8550	HB 6	889	645	448
	8000	5650	6570	4560	HB 6	785	3450	HB 6	785	6220	HB 6	815	4560	HB 6	815	8330	HB 6	889	645	448
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB190S	2000	1200	1860	5820	HB 6	785	3980	HB 6	785	7320	HB 6	815	5230	HB 6	815	9210	HB 6	889	471	448
	3000	1850	2860	5370	HB 6	785	3790	HB 6	785	7040	HB 6	815	4990	HB 6	815	8910	HB 6	889	531	448
	4000	2550	3860	5100	HB 6	785	3680	HB 6	785	6870	HB 6	815	4850	HB 6	815	8720	HB 6	889	591	448
	5000	3220	4860	4890	HB 6	785	3590	HB 6	785	6670	HB 6	815	4740	HB 6	815	8580	HB 6	889	591	448
	6000	3840	5860	4730	HB 6	785	3520	HB 6	785	6450	HB 6	815	4650	HB 6	815	8460	HB 6	889	651	448
	7000	4420	6860	4580	HB 6	785	3460	HB 6	785	6250	HB 6	815	4570	HB 6	815	8350	HB 6	889	711	448
	8000	4950	7860	4460	HB 6	785	3410	HB 6	785	6080	HB 6	815	4500	HB 6	815	8250	HB 6	889	711	448
	9000	5800	8660	4320	HB 6	785	3340	HB 6	785	5890	HB 6	815	4420	HB 6	815	8140	HB 6	889	771	448
HB250	2000	1200	1800	5630	HB 6	853	3890	HB 6	853	7190	HB 6	883	5120	HB 6	883	9070	HB 6	957	435	435
	3000	1790	2800	5160	HB 6	853	3710	HB 6	853	6910	HB 6	883	4880	HB 6	883	8770	HB 6	957	465	435
	4000	2440	3800	4880	HB 6	853	3590	HB 6	853	6660	HB 6	883	4730	HB 6	883	8580	HB 6	957	525	435
	5000	3060	4800	4670	HB 6	853	3500	HB 6	853	6370	HB 6	883	4620	HB 6	883	8420	HB 6	957	525	435
	6000	3620	5800	4500	HB 6	853	3420	HB 6	853	6140	HB 6	883	4520	HB 6	883	8280	HB 6	957	585	435
	7000	4140	6800	4350	HB 6	853	3360	HB 6	853	5930	HB 6	883	4440	HB 6	883	8160	HB 6	957	645	435
	8000	4800	7800	4210	HB 6	853	3300	HB 6	853	5750	HB 6	883	4360	HB 6	883	8050	HB 6	957	645	435
	9000	5800	8800	4080	HB 6	853	3240	HB 6	853	5580	HB 6	883	4280	HB 6	883	7940	HB 6	957	705	435
10000	6800	9800	3970	HB 6	853	3190	HB 6	853	5420	HB 6	883	4220	HB 6	883	7840	HB 6	957	765	435	
11000	7800	10490	3840	HB 6	853	3130	HB 6	853	5240	HB 6	883	4140	HB 6	883	7720	HB 6	957	765	435	
12000	8800	10540	3670	HB 6	853	3050	HB 6	853	5000	HB 6	883	3960	HB 6	883	7550	HB 6	957	825	435	

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
 - HB150/190 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: 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
- HB150/190 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:

Zweiträgerkran ZHB
Double Girder Crane ZHB

630 kg

Kranprofil	Kranträgerlänge	Kranspur	Bahndaten															Anfahrmaße / Seite			
			LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)																		
Crane profile	Crane girder length	Crane span	Track data															Approach dimensions / Direction			
			LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)																		
HB	LT	LS		HB150S			HB150A			HB190S			HB190A			HB250			A	C	
		min	max	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}			
	mm	mm	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	Typ	mm	mm	mm	mm
Hebezeug / Katzfahrzeug			GM 4 630.8-1/HB ZS 6															Gewicht Hebezeug		34,5	kg
Hoist / Hoist trolley																		Weight of hoist			
HB150A	2000	1200	1860	5230	HB 6	761	3730	HB 6	761	6960	HB 6	791	4920	HB 6	791	8820	HB 6	865	471	448	
	3000	2040	2860	4860	HB 6	761	3580	HB 6	761	6630	HB 6	791	4720	HB 6	791	8560	HB 6	865	531	448	
	4000	2890	3860	4680	HB 6	761	3500	HB 6	761	6380	HB 6	791	4620	HB 6	791	8420	HB 6	865	591	448	
	5000	3690	4670	4490	HB 6	761	3420	HB 6	761	6130	HB 6	791	4520	HB 6	791	8280	HB 6	865	591	448	
	6000	4480	4700	4130	HB 6	761	3260	HB 6	761	5640	HB 6	791	4310	HB 6	791	7980	HB 6	865	651	448	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB150S	2000	1200	1860	5120	HB 6	761	3690	HB 6	761	6890	HB 6	791	4860	HB 6	791	8740	HB 6	865	471	448	
	3000	1940	2860	4730	HB 6	761	3520	HB 6	761	6440	HB 6	791	4650	HB 6	791	8460	HB 6	865	531	448	
	4000	2700	3860	4510	HB 6	761	3430	HB 6	761	6150	HB 6	791	4530	HB 6	791	8290	HB 6	865	591	448	
	5000	3430	4860	4350	HB 6	761	3360	HB 6	761	5940	HB 6	791	4440	HB 6	791	8170	HB 6	865	591	448	
	6000	4130	5860	4230	HB 6	761	3310	HB 6	761	5770	HB 6	791	4370	HB 6	791	8060	HB 6	865	651	448	
	7000	4790	6650	4090	HB 6	761	3240	HB 6	761	5580	HB 6	791	4280	HB 6	791	7940	HB 6	865	711	448	
	8000	5530	6680	3840	HB 6	761	3120	HB 6	761	5230	HB 6	791	4130	HB 6	791	7710	HB 6	865	711	448	
9000	6540	6750	3630	HB 6	761	3030	HB 6	761	4940	HB 6	791	3920	HB 6	791	7510	HB 6	865	771	448		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HB190A	2000	1200	1860	5200	HB 6	751	3720	HB 6	751	6940	HB 6	781	4900	HB 6	781	8800	HB 6	855	448	448	
	3000	2010	2860	4830	HB 6	751	3560	HB 6	751	6580	HB 6	781	4700	HB 6	781	8530	HB 6	855	465	448	
	4000	2830	3860	4630	HB 6	751	3480	HB 6	751	6310	HB 6	781	4590	HB 6	781	8380	HB 6	855	525	448	
	5000	3610	4860	4490	HB 6	751	3420	HB 6	751	6130	HB 6	781	4520	HB 6	781	8280	HB 6	855	525	448	
	6000	4370	5860	4390	HB 6	751	3380	HB 6	751	5990	HB 6	781	4460	HB 6	781	8190	HB 6	855	585	448	
	7000	5110	6090	4140	HB 6	751	3260	HB 6	751	5650	HB 6	781	4310	HB 6	781	7990	HB 6	855	645	448	
	8000	5900	6130	3890	HB 6	751	3150	HB 6	751	5310	HB 6	781	4160	HB 6	781	7760	HB 6	855	645	448	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HB190S	2000	1200	1860	5090	HB 6	751	3670	HB 6	751	6870	HB 6	781	4840	HB 6	781	8720	HB 6	855	471	448	
	3000	1910	2860	4680	HB 6	751	3500	HB 6	751	6390	HB 6	781	4620	HB 6	781	8430	HB 6	855	531	448	
	4000	2650	3860	4450	HB 6	751	3400	HB 6	751	6080	HB 6	781	4500	HB 6	781	8250	HB 6	855	591	448	
	5000	3350	4860	4290	HB 6	751	3330	HB 6	751	5860	HB 6	781	4410	HB 6	781	8120	HB 6	855	591	448	
	6000	4030	5860	4160	HB 6	751	3270	HB 6	751	5680	HB 6	781	4330	HB 6	781	8010	HB 6	855	651	448	
	7000	4660	6860	4050	HB 6	751	3220	HB 6	751	5530	HB 6	781	4260	HB 6	781	7910	HB 6	855	711	448	
	8000	5250	7860	3950	HB 6	751	3180	HB 6	751	5390	HB 6	781	4200	HB 6	781	7820	HB 6	855	711	448	
9000	5810	8240	3780	HB 6	751	3100	HB 6	751	5160	HB 6	781	4070	HB 6	781	7660	HB 6	855	771	448		
10000	6860	8290	3590	HB 6	751	3010	HB 6	751	4900	HB 6	781	3880	HB 6	781	7480	HB 6	855	831	448		
11000	7840	8370	3430	HB 6	751	2930	HB 6	751	4670	HB 6	781	3710	HB 6	781	7310	HB 6	855	831	448		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HB250	2000	1200	1800	4910	HB 6	819	3600	HB 6	819	6690	HB 6	849	4750	HB 6	849	8590	HB 6	923	435	435	
	3000	1860	2800	4520	HB 6	819	3430	HB 6	819	6170	HB 6	849	4530	HB 6	849	8300	HB 6	923	465	435	
	4000	2550	3800	4290	HB 6	819	3330	HB 6	819	5860	HB 6	849	4400	HB 6	849	8120	HB 6	923	525	435	
	5000	3220	4800	4120	HB 6	819	3260	HB 6	819	5630	HB 6	849	4310	HB 6	849	7970	HB 6	923	525	435	
	6000	3830	5800	3980	HB 6	819	3190	HB 6	819	5440	HB 6	849	4220	HB 6	849	7850	HB 6	923	585	435	
	7000	4400	6800	3860	HB 6	819	3140	HB 6	819	5270	HB 6	849	4150	HB 6	849	7740	HB 6	923	645	435	
	8000	4930	7800	3760	HB 6	819	3090	HB 6	819	5120	HB 6	849	4040	HB 6	849	7640	HB 6	923	645	435	
	9000	5800	8800	3660	HB 6	819	3040	HB 6	819	4990	HB 6	849	3950	HB 6	849	7540	HB 6	923	705	435	
	10000	6800	9800	3570	HB 6	819	3000	HB 6	819	4860	HB 6	849	3850	HB 6	849	7460	HB 6	923	765	435	
	11000	7800	10100	3430	HB 6	819	2930	HB 6	819	4670	HB 6	849	3710	HB 6	849	7310	HB 6	923	765	435	
	12000	8800	10160	3280	HB 6	819	2850	HB 6	819	4460	HB 6	849	3540	HB 6	849	7150	HB 6	923	825	435	

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
 - HB150/190 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: 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

- HB150/190 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:

Zweiträgerkran ZHB
Double Girder Crane ZHB

800 kg

Kranprofil Crane profile	Kranträgerlänge Crane girder length	Kranspur Crane span	Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)															Anfahrmaße / Seite					
			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		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}		
Hebezeug / Katzfahrwerk Hoist / Hoist trolley																		GM 4 800.6-2/HB ZS 6		Gewicht Hebezeug Weight of hoist		38,0 kg	
HB150A	2000	1200	1860	4490	HB 6	837	3420	HB 6	837	6130	HB 6	867	4520	HB 6	867	8280	HB 6	941	471	448			
	3000	2080	2860	4180	HB 6	837	3280	HB 6	837	5700	HB 6	867	4340	HB 6	867	8020	HB 6	941	531	448			
	4000	2950	3860	4020	HB 6	837	3210	HB 6	837	5490	HB 6	867	4250	HB 6	867	7880	HB 6	941	591	448			
	5000	3790	4290	3760	HB 6	837	3090	HB 6	837	5130	HB 6	867	4050	HB 6	867	7640	HB 6	941	591	448			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB150S	2000	1200	1860	4410	HB 6	837	3390	HB 6	837	6030	HB 6	867	4480	HB 6	867	8220	HB 6	941	471	448			
	3000	1990	2860	4080	HB 6	837	3240	HB 6	837	5570	HB 6	867	4280	HB 6	867	7930	HB 6	941	531	448			
	4000	2790	3860	3900	HB 6	837	3160	HB 6	837	5320	HB 6	867	4170	HB 6	867	7780	HB 6	941	591	448			
	5000	3550	4860	3780	HB 6	837	3100	HB 6	837	5160	HB 6	867	4070	HB 6	867	7660	HB 6	941	591	448			
	6000	4290	5860	3680	HB 6	837	3050	HB 6	837	5020	HB 6	867	3960	HB 6	867	7570	HB 6	941	651	448			
	7000	5000	6210	3490	HB 6	837	2960	HB 6	837	4750	HB 6	867	3760	HB 6	867	7380	HB 6	941	711	448			
	8000	5800	6250	3280	HB 6	837	2850	HB 6	837	4460	HB 6	867	3540	HB 6	867	7150	HB 6	941	711	448			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB190A	2000	1200	1860	4470	HB 6	827	3410	HB 6	827	6100	HB 6	857	4510	HB 6	857	8260	HB 6	931	448	448			
	3000	2050	2860	4150	HB 6	827	3270	HB 6	827	5670	HB 6	857	4320	HB 6	857	8000	HB 6	931	465	448			
	4000	2900	3860	3990	HB 6	827	3200	HB 6	827	5440	HB 6	857	4230	HB 6	857	7850	HB 6	931	525	448			
	5000	3720	4860	3880	HB 6	827	3150	HB 6	827	5290	HB 6	857	4160	HB 6	857	7750	HB 6	931	525	448			
	6000	4500	5610	3740	HB 6	827	3080	HB 6	827	5110	HB 6	857	4040	HB 6	857	7630	HB 6	931	585	448			
	7000	5280	5630	3490	HB 6	827	2960	HB 6	827	4750	HB 6	857	3760	HB 6	857	7370	HB 6	931	645	448			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB190S	2000	1200	1860	4390	HB 6	827	3380	HB 6	827	5990	HB 6	857	4460	HB 6	857	8200	HB 6	931	471	448			
	3000	1960	2860	4050	HB 6	827	3220	HB 6	827	5520	HB 6	857	4260	HB 6	857	7910	HB 6	931	531	448			
	4000	2740	3860	3860	HB 6	827	3140	HB 6	827	5270	HB 6	857	4150	HB 6	857	7740	HB 6	931	591	448			
	5000	3480	4860	3730	HB 6	827	3080	HB 6	827	5090	HB 6	857	4030	HB 6	857	7620	HB 6	931	591	448			
	6000	4200	5860	3630	HB 6	827	3030	HB 6	827	4950	HB 6	857	3920	HB 6	857	7520	HB 6	931	651	448			
	7000	4880	6860	3550	HB 6	827	2990	HB 6	827	4830	HB 6	857	3820	HB 6	857	7430	HB 6	931	711	448			
	8000	5520	7740	3450	HB 6	827	2940	HB 6	827	4700	HB 6	857	3720	HB 6	857	7340	HB 6	931	711	448			
	9000	6190	7770	3270	HB 6	827	2850	HB 6	827	4440	HB 6	857	3530	HB 6	857	7140	HB 6	931	771	448			
	10000	7220	7830	3110	HB 6	827	2770	HB 6	827	4220	HB 6	857	3370	HB 6	857	6960	HB 6	931	831	448			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB250	2000	1200	1800	4250	HB 6	895	3310	HB 6	895	5800	HB 6	925	4380	HB 6	925	8080	HB 6	999	435	435			
	3000	1930	2800	3920	HB 6	895	3170	HB 6	895	5350	HB 6	925	4190	HB 6	925	7790	HB 6	999	465	435			
	4000	2660	3800	3740	HB 6	895	3080	HB 6	895	5100	HB 6	925	4030	HB 6	925	7620	HB 6	999	525	435			
	5000	3360	4800	3610	HB 6	895	3020	HB 6	895	4920	HB 6	925	3890	HB 6	925	7490	HB 6	999	525	435			
	6000	4030	5800	3500	HB 6	895	2960	HB 6	895	4770	HB 6	925	3770	HB 6	925	7380	HB 6	999	585	435			
	7000	4650	6800	3410	HB 6	895	2920	HB 6	895	4640	HB 6	925	3670	HB 6	925	7290	HB 6	999	645	435			
	8000	5240	7800	3320	HB 6	895	2880	HB 6	895	4520	HB 6	925	3590	HB 6	925	7200	HB 6	999	645	435			
	9000	5800	8800	3250	HB 6	895	2840	HB 6	895	4420	HB 6	925	3510	HB 6	925	7120	HB 6	999	705	435			
	10000	6800	9620	3160	HB 6	895	2790	HB 6	895	4300	HB 6	925	3430	HB 6	925	7020	HB 6	999	765	435			
	11000	7800	9650	3020	HB 6	895	2720	HB 6	895	4100	HB 6	925	3270	HB 6	925	6860	HB 6	999	765	435			
12000	8800	9720	1990	HB 11	910	2280	HB 11	910	3920	HB 11	940	2180	HB 11	940	6700	HB 11	1014	825	435				

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
 - HB150/190 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: 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

- HB150/190 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:

Zweiträgerkran ZHB
Double Girder Crane ZHB

1000 kg

Kranprofil Crane profile	Kranträgerlänge Crane girder length	Kranspur Crane span	Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)															Anfahrmaße / Seite					
			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		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}		
Hebezeug / Katzfahrwerk Hoist / Hoist trolley																		GM 4 1000.5-2/HB ZS 6		Gewicht Hebezeug Weight of hoist		38,0 kg	
HB150A	2000	1200	1860	3890	HB 6	837	3150	HB 6	837	5310	HB 6	867	4170	HB 6	867	7760	HB 6	941	471	448			
	3000	2100	2860	3620	HB 6	837	3020	HB 6	837	4940	HB 6	867	3910	HB 6	867	7510	HB 6	941	531	448			
	4000	2990	3860	3490	HB 6	837	2960	HB 6	837	4760	HB 6	867	3760	HB 6	867	7380	HB 6	941	591	448			
	5000	3860	3950	3170	HB 6	837	2800	HB 6	837	4310	HB 6	867	3440	HB 6	867	7030	HB 6	941	591	448			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB150S	2000	1200	1860	3830	HB 6	837	3120	HB 6	837	5230	HB 6	867	4130	HB 6	867	7710	HB 6	941	471	448			
	3000	2030	2860	3550	HB 6	837	2990	HB 6	837	4840	HB 6	867	3830	HB 6	867	7440	HB 6	941	531	448			
	4000	2860	3860	3400	HB 6	837	2920	HB 6	837	4630	HB 6	867	3670	HB 6	867	7290	HB 6	941	591	448			
	5000	3650	4860	3310	HB 6	837	2870	HB 6	837	4500	HB 6	867	3570	HB 6	867	7180	HB 6	941	591	448			
	6000	4410	5780	3220	HB 6	837	2820	HB 6	837	4370	HB 6	867	3470	HB 6	867	7080	HB 6	941	651	448			
	7000	5160	5800	2980	HB 6	837	2710	HB 6	837	4070	HB 6	867	3250	HB 6	867	6830	HB 6	941	711	448			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB190A	2000	1200	1860	3870	HB 6	827	3140	HB 6	827	5290	HB 6	857	4160	HB 6	857	7750	HB 6	931	448	448			
	3000	2080	2860	3600	HB 6	827	3010	HB 6	827	4910	HB 6	857	3890	HB 6	857	7490	HB 6	931	465	448			
	4000	2960	3860	3470	HB 6	827	2950	HB 6	827	4720	HB 6	857	3740	HB 6	857	7350	HB 6	931	525	448			
	5000	3800	4860	3380	HB 6	827	2900	HB 6	827	4600	HB 6	857	3660	HB 6	857	7260	HB 6	931	525	448			
	6000	4610	5190	3180	HB 6	827	2800	HB 6	827	4320	HB 6	857	3450	HB 6	857	7040	HB 6	931	585	448			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB190S	2000	1200	1860	3810	HB 6	827	3120	HB 6	827	5210	HB 6	857	4090	HB 6	857	7690	HB 6	931	471	448			
	3000	2010	2860	3530	HB 6	827	2980	HB 6	827	4810	HB 6	857	3800	HB 6	857	7410	HB 6	931	531	448			
	4000	2820	3860	3380	HB 6	827	2900	HB 6	827	4600	HB 6	857	3650	HB 6	857	7260	HB 6	931	591	448			
	5000	3580	4860	3270	HB 6	827	2850	HB 6	827	4450	HB 6	857	3540	HB 6	857	7150	HB 6	931	591	448			
	6000	4330	5860	3190	HB 6	827	2810	HB 6	827	4340	HB 6	857	3450	HB 6	857	7060	HB 6	931	651	448			
	7000	5060	6860	3130	HB 6	827	2770	HB 6	827	4240	HB 6	857	3390	HB 6	857	6980	HB 6	931	711	448			
	8000	5750	7280	2930	HB 6	827	2710	HB 6	827	4060	HB 6	857	3240	HB 6	857	6830	HB 6	931	711	448			
HB250	2000	1200	1800	3700	HB 6	895	3060	HB 6	895	5050	HB 6	925	3990	HB 6	925	7590	HB 6	999	435	435			
	3000	1980	2800	3430	HB 6	895	2930	HB 6	895	4670	HB 6	925	3710	HB 6	925	7310	HB 6	999	465	435			
	4000	2750	3800	3280	HB 6	895	2860	HB 6	895	4460	HB 6	925	3550	HB 6	925	7150	HB 6	999	525	435			
	5000	3480	4800	3180	HB 6	895	2800	HB 6	895	4320	HB 6	925	3430	HB 6	925	7040	HB 6	999	525	435			
	6000	4190	5800	3090	HB 6	895	2760	HB 6	895	4200	HB 6	925	3350	HB 6	925	6940	HB 6	999	585	435			
	7000	4860	6800	3020	HB 6	895	2720	HB 6	895	4100	HB 6	925	3270	HB 6	925	6860	HB 6	999	645	435			
	8000	5490	7800	2460	HB 6	895	2690	HB 6	895	4010	HB 6	925	2910	HB 6	925	6780	HB 6	999	645	435			
9000	6100	8800	2000	HB 11	910	2290	HB 11	910	3920	HB 11	940	2190	HB 11	940	6700	HB 11	1014	705	435				
10000	6800	9150	1490	HB 11	910	1580	HB 11	910	3770	HB 11	940	1550	HB 11	940	6560	HB 11	1064	765	435				
11000	7800	9200	1190	HB 11	910	1220	HB 11	910	3600	HB 11	940	1210	HB 11	940	6410	HB 11	1064	765	435				
12000	8800	9280	1020	HB 11	910	1040	HB 11	910	2290	HB 11	940	1040	HB 11	940	6270	HB 11	1064	825	435				

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
 - HB150/190 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: 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
- HB150/190 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:

Zweiträgerkran ZHB
Double Girder Crane ZHB

1250 kg

Kranprofil Crane profile	Kranträgerlänge Crane girder length	Kranspur Crane span	Bahndaten LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)															Anfahrmaße / Seite					
			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		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}		
Hebezeug / Katzfahrwerk Hoist / Hoist trolley																		GM 4 1250.4-2/HB ZS 6		Gewicht Hebezeug Weight of hoist		38,0 kg	
HB150A	2000	1200	1860	3350	HB 6	837	2890	HB 6	837	4560	HB 6	867	3630	HB 6	867	7230	HB 6	941	471	448			
	3000	2120	2860	3130	HB 6	837	2780	HB 6	837	4250	HB 6	867	3390	HB 6	867	6980	HB 6	941	531	448			
	4000	3030	3600	2410	HB 6	837	2680	HB 6	837	4000	HB 6	867	2830	HB 6	867	6770	HB 6	941	591	448			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB150S	2000	1200	1860	3310	HB 6	837	2870	HB 6	837	4510	HB 6	867	3580	HB 6	867	7190	HB 6	941	471	448			
	3000	2060	2860	3080	HB 6	837	2750	HB 6	837	4170	HB 6	867	3340	HB 6	867	6920	HB 6	941	531	448			
	4000	2920	3860	2480	HB 6	837	2690	HB 6	837	4010	HB 6	867	2940	HB 6	867	6780	HB 6	941	591	448			
	5000	3740	4860	1890	HB 11	852	2120	HB 11	852	3900	HB 11	882	2050	HB 11	882	6680	HB 11	1006	591	448			
	6000	4530	5350	1340	HB 11	852	1400	HB 11	852	3700	HB 11	882	1380	HB 11	882	6500	HB 11	1006	651	448			
	7000	5310	5390	1010	HB 11	852	1030	HB 11	852	2240	HB 11	882	1030	HB 11	882	6260	HB 11	1006	711	448			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB190A	2000	1200	1860	3340	HB 6	827	2890	HB 6	827	4550	HB 6	857	3610	HB 6	857	7220	HB 6	931	448	448			
	3000	2110	2860	3110	HB 6	827	2770	HB 6	827	4230	HB 6	857	3360	HB 6	857	6960	HB 6	931	465	448			
	4000	3000	3860	3000	HB 6	827	2710	HB 6	827	4070	HB 6	857	3250	HB 6	857	6830	HB 6	931	525	448			
	5000	3870	4760	2060	HB 6	827	2440	HB 6	827	3940	HB 6	857	2300	HB 6	857	6720	HB 6	931	525	448			
	6000	4710	4780	1220	HB 11	842	1260	HB 11	842	3630	HB 11	872	1250	HB 11	872	6430	HB 11	996	585	448			
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HB190S	2000	1200	1860	3300	HB 6	827	2860	HB 6	827	4490	HB 6	857	3570	HB 6	857	7170	HB 6	931	471	448			
	3000	2040	2860	3060	HB 6	827	2740	HB 6	827	4150	HB 6	857	3320	HB 6	857	6900	HB 6	931	531	448			
	4000	2880	3860	2280	HB 6	827	2680	HB 6	827	3980	HB 6	857	2630	HB 6	857	6760	HB 6	931	591	448			
	5000	3690	4860	1760	HB 11	842	1940	HB 11	842	3870	HB 11	872	1890	HB 11	872	6650	HB 11	996	591	448			
	6000	4460	5860	1510	HB 11	842	1600	HB 11	842	3780	HB 11	872	1570	HB 11	872	6570	HB 11	996	651	448			
	7000	5220	6780	1320	HB 11	842	1380	HB 11	842	3690	HB 11	872	1360	HB 11	872	6490	HB 11	996	711	448			
	8000	5960	6800	1040	HB 11	842	1060	HB 11	842	2420	HB 11	872	1050	HB 11	872	6280	HB 11	996	711	448			
	9000	6760	6850	890	HB 11	842	900	HB 11	842	1520	HB 11	872	900	HB 11	872	6060	HB 11	996	771	448			
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
HB250	2000	1200	1800	3210	HB 6	895	2820	HB 6	895	4360	HB 6	925	3470	HB 6	925	7080	HB 6	999	435	435			
	3000	2020	2800	2810	HB 6	895	2700	HB 6	895	4050	HB 6	925	3230	HB 6	925	6810	HB 6	999	465	435			
	4000	2830	3800	1820	HB 11	910	2020	HB 11	910	3880	HB 11	940	1950	HB 11	940	6660	HB 11	1064	525	435			
	5000	3590	4800	1470	HB 11	910	1560	HB 11	910	3760	HB 11	940	1530	HB 11	940	6560	HB 11	1064	525	435			
	6000	4330	5800	1290	HB 11	910	1340	HB 11	910	3670	HB 11	940	1330	HB 11	940	6470	HB 11	1064	585	435			
	7000	5050	6800	1180	HB 11	910	1210	HB 11	910	3600	HB 11	940	1200	HB 11	940	6400	HB 11	1064	645	435			
	8000	5730	7800	1090	HB 11	910	1120	HB 11	910	2890	HB 11	940	1110	HB 11	940	6340	HB 11	1064	645	435			
	9000	6380	8620	1010	HB 11	910	1030	HB 11	910	2200	HB 11	940	1020	HB 11	940	6250	HB 11	1064	705	435			
	10000	7020	8650	890	HB 11	910	900	HB 11	910	1490	HB 11	940	890	HB 11	940	6030	HB 11	1064	765	435			
	11000	8060	8710	810	HB 11	910	810	HB 11	910	1190	HB 11	940	810	HB 11	940	5760	HB 11	1064	765	435			

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
 - HB150/190 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: 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

- HB150/190 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:

Zweiträgerkran ZHB
Double Girder Crane ZHB

1600 kg

Kranprofil	Kranträgerlänge	Kranspur	Bahndaten													Anfahrmaße / Seite					
			LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)																		
Crane profile	Crane girder length	Crane span	Track data													Approach dimensions / Direction					
			LB = suspension distance; FA = max. suspended load; KFW = crane trolley; BMges = total dimension (HA+H2+HK+CH)																		
HB	LT	LS		HB150S			HB150A			HB190S			HB190A			HB250			A	C	
		min	max	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}	LB	KFW	BM _{ges}			
	mm	mm	mm	mm	Type	mm	mm	Type	mm	mm	Type	mm	mm	Type	mm	mm	Type	mm	mm	mm	mm
Hebezeug / Katzfahrwerk															GM 6 1600.5-2/HB ZS 6		Gewicht Hebezeug		64,2 kg		
Hoist / Hoist trolley																	Weight of hoist				
HB150A	2000	1200	1860	1630	HB 11	911	1730	HB 11	911	3870	HB 11	941	1700	HB 11	941	6550	HB 11	1065	471	448	
	3000	2140	2860	1230	HB 11	911	1260	HB 11	911	2770	HB 11	941	1250	HB 11	941	6310	HB 11	1065	531	448	
	4000	3070	3210	970	HB 11	911	980	HB 11	911	1440	HB 11	941	980	HB 11	941	5890	HB 11	1065	591	448	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB150S	2000	1200	1860	1560	HB 11	911	1640	HB 11	911	3840	HB 11	941	1610	HB 11	941	6520	HB 11	1065	471	448	
	3000	2100	2860	1190	HB 11	911	1210	HB 11	911	2450	HB 11	941	1200	HB 11	941	6270	HB 11	1065	531	448	
	4000	2980	3860	1070	HB 11	911	1090	HB 11	911	1840	HB 11	941	1080	HB 11	941	6140	HB 11	1065	591	448	
	5000	3840	4800	1000	HB 11	911	1020	HB 11	911	1570	HB 11	941	1010	HB 11	941	6010	HB 11	1065	591	448	
	6000	4670	4820	870	HB 11	911	870	HB 11	911	1160	HB 11	941	870	HB 11	941	5500	HB 11	1065	651	448	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB190A	2000	1200	1860	1610	HB 11	910	1700	HB 11	910	3860	HB 11	940	1670	HB 11	940	6540	HB 11	1064	448	448	
	3000	2130	2860	1220	HB 11	910	1250	HB 11	910	2670	HB 11	940	1240	HB 11	940	6300	HB 11	1064	465	448	
	4000	3050	3860	1100	HB 11	910	1120	HB 11	910	1990	HB 11	940	1120	HB 11	940	6180	HB 11	1064	525	448	
	5000	3940	4250	950	HB 11	910	960	HB 11	910	1390	HB 11	940	960	HB 11	940	5820	HB 11	1064	525	448	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB190S	2000	1200	1860	1540	HB 11	910	1610	HB 11	910	3830	HB 11	940	1590	HB 11	940	6510	HB 11	1064	471	448	
	3000	2080	2860	1170	HB 11	910	1190	HB 11	910	2360	HB 11	940	1190	HB 11	940	6260	HB 11	1064	531	448	
	4000	2950	3860	1060	HB 11	910	1070	HB 11	910	1780	HB 11	940	1070	HB 11	940	6130	HB 11	1064	591	448	
	5000	3790	4860	1000	HB 11	910	1010	HB 11	910	1550	HB 11	940	1010	HB 11	940	5980	HB 11	1064	591	448	
	6000	4600	5840	960	HB 11	910	970	HB 11	910	1410	HB 11	940	970	HB 11	940	5850	HB 11	1064	651	448	
	7000	5400	5840	850	HB 11	910	860	HB 11	910	1120	HB 11	940	860	HB 11	940	5420	HB 11	1064	711	448	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB250	2000	1200	1800	1380	HB 11	934	1430	HB 11	934	3730	HB 11	964	1410	HB 11	964	6420	HB 11	1088	435	435	
	3000	2070	2800	1100	HB 11	934	1120	HB 11	934	1990	HB 11	964	1120	HB 11	964	6180	HB 11	1088	465	435	
	4000	2910	3800	1010	HB 11	934	1020	HB 11	934	1580	HB 11	964	1020	HB 11	964	6020	HB 11	1088	525	435	
	5000	3710	4800	960	HB 11	934	970	HB 11	934	1400	HB 11	964	960	HB 11	964	5850	HB 11	1088	525	435	
	6000	4490	5800	920	HB 11	934	930	HB 11	934	1300	HB 11	964	930	HB 11	964	5720	HB 11	1088	585	435	
	7000	5260	6800	890	HB 11	934	900	HB 11	934	1220	HB 11	964	900	HB 11	964	5600	HB 11	1088	645	435	
	8000	6000	7800	870	HB 11	934	880	HB 11	934	1160	HB 11	964	870	HB 11	964	5510	HB 11	1088	645	435	
	9000	6710	7920	810	HB 11	934	820	HB 11	934	1030	HB 11	964	810	HB 11	964	5230	HB 11	1088	705	435	
	10000	7460	7960	760	HB 11	934	770	HB 11	934	930	HB 11	964	770	HB 11	964	4970	HB 11	1088	765	435	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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
 - HB150/190 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
 - HB150/190 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:

Zweiträgerkran ZHB
Double Girder Crane ZHB

2000 kg

Kranprofil Crane profile	Kranträgerlänge Crane girder length	Kranspur Crane span		Bahndaten Track data													Anfahrmaße / Seite				
				LB = Aufhängeabstand; FA = max. Aufhängelast; KFW = Kranfahrwerk; BMges = Baumaß (HA+H2+HK+CH)													Approach dimensions / Direction				
HB	LT mm	LS min mm max mm		HB150S			HB150A			HB190S			HB190A			HB250			A mm	C mm	
		LB	KFW Typ	BM _{ges} mm	LB	KFW Typ	BM _{ges} mm	LB	KFW Typ	BM _{ges} mm	LB	KFW Typ	BM _{ges} mm	LB	KFW Typ	BM _{ges} mm	LB	KFW Typ			BM _{ges} mm
Hebezeug / Katzfahrwerk Hoist / Hoist trolley										GM 6 2000.5-2/HB ZS 6				Gewicht Hebezeug Weight of hoist				64,2 kg			
HB150A	2000	1200	1860	1000	HB 11	911	1010	HB 11	911	1550	HB 11	941	1010	HB 11	941	5980	HB 11	1065	471	448	
	3000	2160	2860	880	HB 11	911	890	HB 11	911	1200	HB 11	941	890	HB 11	941	5560	HB 11	1065	531	448	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB150S	2000	1200	1860	980	HB 11	911	990	HB 11	911	1490	HB 11	941	990	HB 11	941	5930	HB 11	1065	471	448	
	3000	2120	2860	870	HB 11	911	870	HB 11	911	1160	HB 11	941	870	HB 11	941	5500	HB 11	1065	531	448	
	4000	3030	3860	820	HB 11	911	830	HB 11	911	1060	HB 11	941	830	HB 11	941	5290	HB 11	1065	591	448	
	5000	3910	4160	750	HB 11	911	750	HB 11	911	910	HB 11	941	750	HB 11	941	4840	HB 11	1065	591	448	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB190A	2000	1200	1860	990	HB 11	910	1010	HB 11	910	1530	HB 11	940	1000	HB 11	940	5970	HB 11	1064	448	448	
	3000	2150	2860	880	HB 11	910	890	HB 11	910	1180	HB 11	940	880	HB 11	940	5550	HB 11	1064	465	448	
	4000	3080	3860	830	HB 11	910	840	HB 11	910	1080	HB 11	940	840	HB 11	940	5340	HB 11	1064	525	448	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB190S	2000	1200	1860	980	HB 11	910	990	HB 11	910	1480	HB 11	940	990	HB 11	940	5930	HB 11	1064	471	448	
	3000	2110	2860	860	HB 11	910	870	HB 11	910	1150	HB 11	940	870	HB 11	940	5490	HB 11	1064	531	448	
	4000	3000	3860	820	HB 11	910	820	HB 11	910	1050	HB 11	940	820	HB 11	940	5270	HB 11	1064	591	448	
	5000	3870	4860	790	HB 11	910	800	HB 11	910	990	HB 11	940	800	HB 11	940	5140	HB 11	1064	591	448	
	6000	4700	4980	560	HB 11	910	560	HB 11	910	870	HB 11	940	560	HB 11	940	4700	HB 11	1064	651	448	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB250	2000	1200	1800	940	HB 11	934	950	HB 11	934	1340	HB 11	964	940	HB 11	964	5770	HB 11	1088	435	435	
	3000	2100	2800	840	HB 11	934	840	HB 11	934	1090	HB 11	964	840	HB 11	964	5370	HB 11	1088	465	435	
	4000	2970	3800	800	HB 11	934	800	HB 11	934	1000	HB 11	964	800	HB 11	964	5170	HB 11	1088	525	435	
	5000	3800	4800	780	HB 11	934	780	HB 11	934	950	HB 11	964	780	HB 11	964	5020	HB 11	1088	525	435	
	6000	4610	5800	760	HB 11	934	760	HB 11	934	920	HB 11	964	760	HB 11	964	4880	HB 11	1088	585	435	
	7000	5400	6800	750	HB 11	934	750	HB 11	934	900	HB 11	964	750	HB 11	964	4790	HB 11	1088	645	435	
	8000	6210	7340	560	HB 11	934	560	HB 11	934	850	HB 11	964	560	HB 11	964	4640	HB 11	1088	645	435	
	9000	7250	7370	540	HB 11	934	540	HB 11	934	790	HB 11	964	540	HB 11	964	2750	HB 11	1088	705	435	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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
 - HB150/190 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: 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
- HB150/190 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!