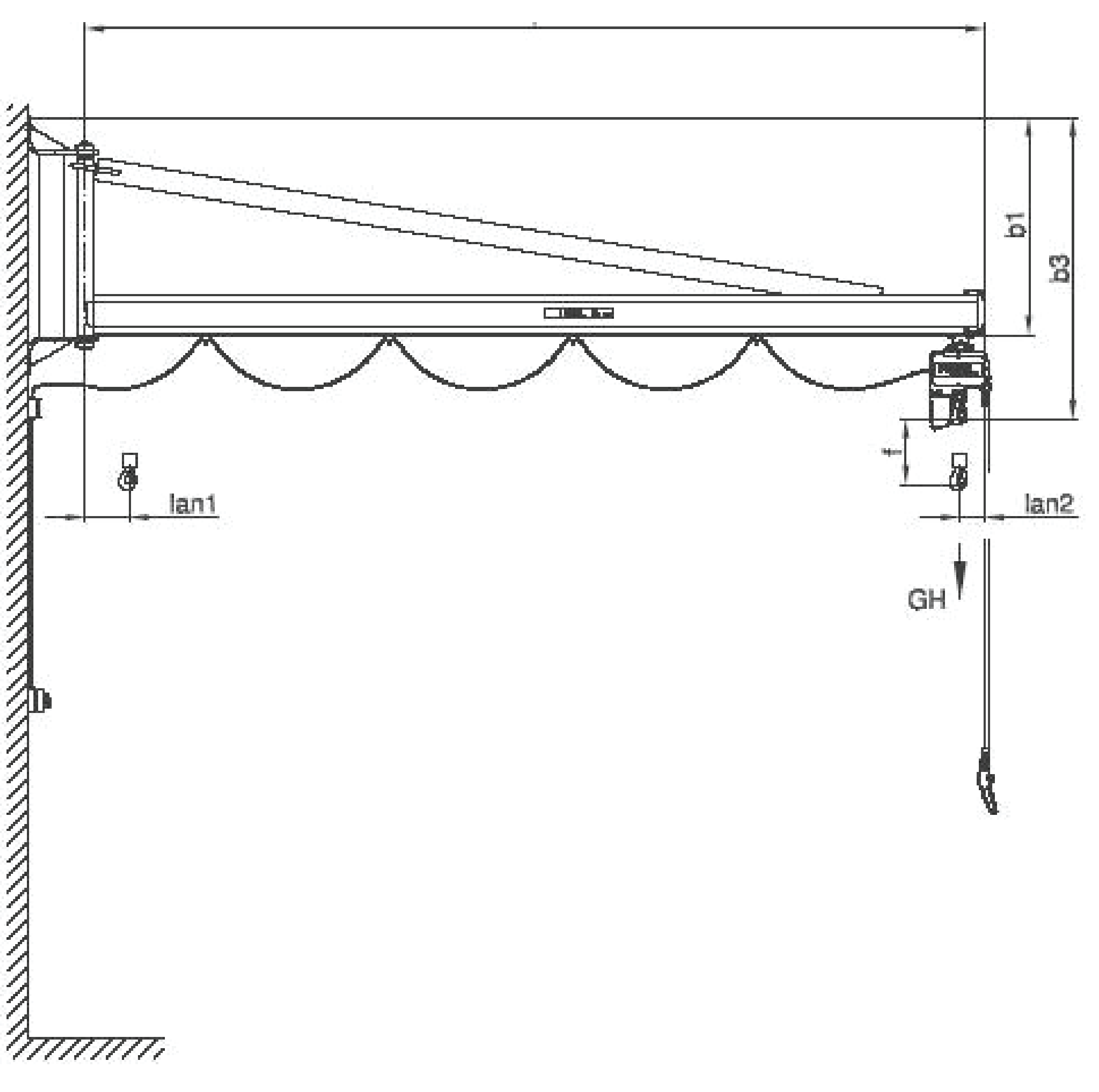
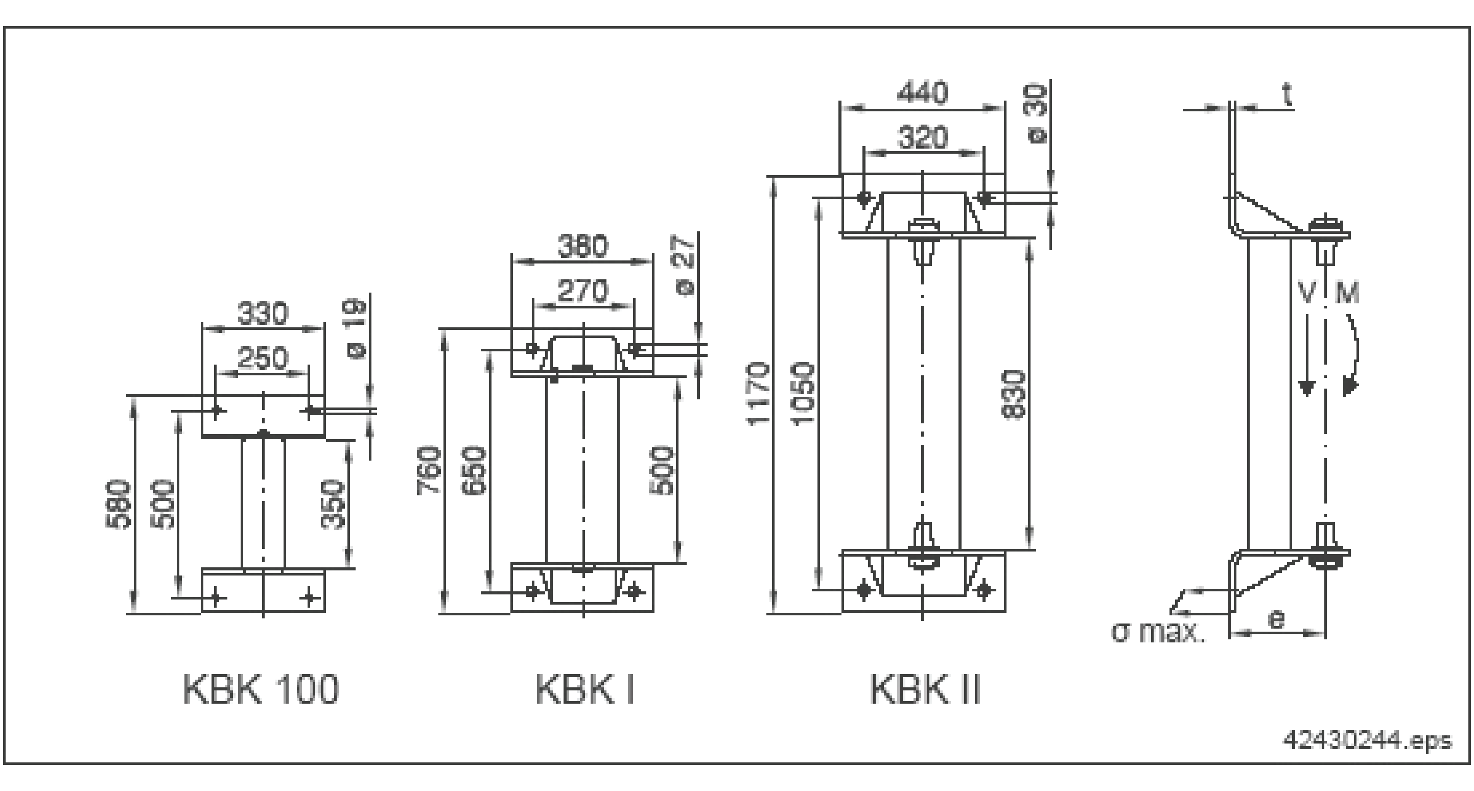
DEMAG
Cranes & Components

טבלאות לבחירת עגורני KBK זרוע -מידות ונתונים WSK KBK.

b1 = מרחק בין פלטת חיבור עליונה למפלס תחתון של קורת הזרוע
b3 = מרחק בין פלטת חיבור עליונה לאונקל הכננת.
i = אורך זרוע.
lan1 = מרחק מציר הסיבוב לנקודת הרמה.
lan2 = מרחק בין קצה הזרוע לנקודת הרמה.
f = שקיעה מחושבת בעומס מלא כאשר הזרוע בזוית 0º.





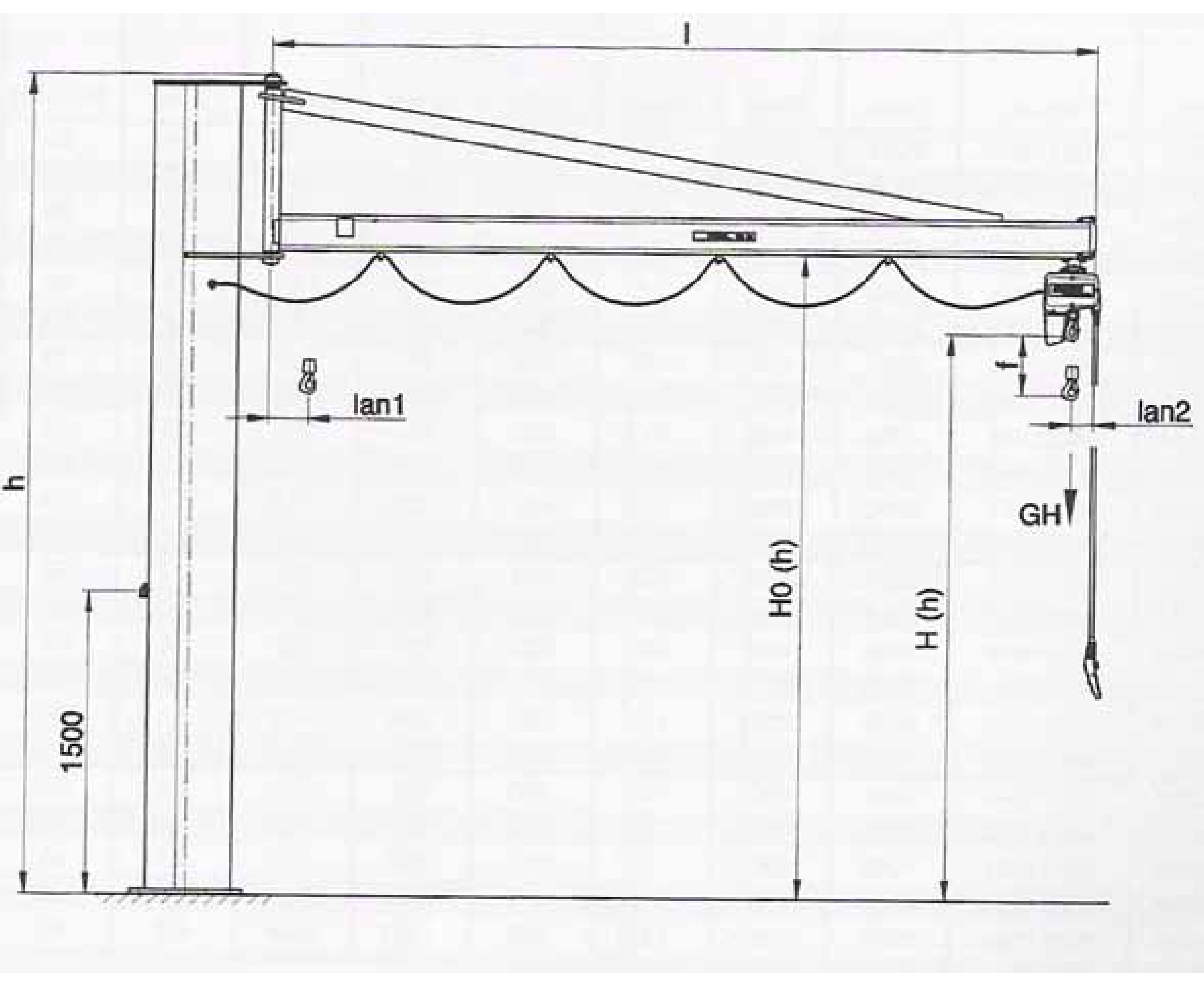
KBK 100 KBK I KBK II

42430244.eps

סוג התליה	Part no.	בורג	עובי [mm]	מרחק לציר הסיבוב [mm]	משקל [kg]
100	851 061 44	M16	10	160	16
I	851 039 44	M24	15	260	45
II	851 040 44	M27	15	260	60

שורה חדשה	שורה ישנה	עומס הרמה [kg]	מפתח [m]	זרוע Part no.	סוג פרופיל זרוע KBK ...	סוג תליה Part no.	ציוד חשמלי Part no.	אורך זרוע [mm]	מרחק מקסימלי מציר הסיבוב עד אונקל [mm]	מרחק מקסימלי אונקל לקצה הזרוע [mm]	מידה מפרופיל עד נקודת עגן [mm]	מידה מאונקל עד נקודת עגנו [mm]	מומנט [kNm]	כוח אנכי [Nm]	מאמץ מקס [N/cm²]	שקיעה [mm]
101	(3)	80	2	98456244	100	85106144	98011344	2015	375	100	456	802	2,8	1,6	20	3
102	(4)		3	98456344	100	85106144	98011344	3015	415	100	456	802	4,2	1,7	30	6
103			4	98004044	I	85103944	98011444	4055	485	100	623	967	6,2	2,3	25	5
104	(5)		5	98005044	I	85103944	98011444	5055	525	100	623	967	7,9	2,4	40	18
105			6	98256044	II	85104044	98011044	6060	765	115	982	1321	13,1	3,6	25	3
106			7	98257044	II	85104044	98011044	7060	825	115	982	1321	16,4	3,9	30	6
107	(6)	100	2	98002144	I	85103944	98011344	2055	405	100	623	967	3,6	2,4	15	2
108	(7)		3	98003044	I	85103944	98011344	3055	445	100	623	967	5,2	2,4	20	3
109	(8)		4	98004044	I	85103944	98011444	4055	485	100	623	967	7,0	2,5	30	7
110	(9)		5	98055044	I-V (II)	85103944	98011444	5060	650	115	623	962	11,3	3,3	45	7
111	(10)		6	98256044	II	85104044	98011044	6060	765	115	982	1321	14,3	3,7	25	4
112	(11)		7	98257044	II	85104044	98011044	7060	825	115	982	1321	17,7	4,1	30	7
113	(6)	125	2	98002144	I	85103944	98011344	2055	405	100	623	967	4,3	2,7	20	2
114	(7)		3	98003044	I	85103944	98011344	3055	445	100	623	967	6,2	2,7	30	4
115	(8)		4	98004044	I	85103944	98011444	4055	485	100	623	967	8,3	2,8	30	8
116	(9)		5	98055044	I-V (II)	85103944	98011444	5060	650	115	623	962	12,9	3,6	50	9
117	(10)		6	98256044	II	85104044	98011044	6060	765	115	982	1321	16,2	4,1	30	5
118	(11)		7	98257044	II	85104044	98011044	7060	825	115	982	1321	20,0	4,4	35	9
119	(12)	160	2	98002144	I	85103944	98011344	2055	405	100	623	967	6,0	3,4	20	3
120	(13)		3	98003044	I	85103944	98011344	3055	445	100	623	967	8,6	3,4	30	5
121	(14)		4	98054044	I-V (II)	85103944	98011444	4060	590	115	623	962	13,0	4,1	45	9
122	(15)		5	98055044	I-V (II)	85103944	98011444	5060	650	115	623	962	16,8	4,4	60	12
123	(16)		6	98256044	II	85104044	98011044	6060	765	115	982	1321	20,8	4,8	35	7
124	(17)		7	98257044	II	85104044	98011044	7060	825	115	982	1321	25,3	5,1	40	12
125	(18)	200	2	98002144	I	85103944	98011344	2055	405	100	623	967	6,7	3,7	25	3
126	(19)		3	98003044	I	85103944	98011344	3055	445	100	623	967	9,7	3,8	40	6
127	(20)		4	98054044	I-V (II)	85103944	98011444	4060	590	115	623	962	14,4	4,4	55	12
128	(21)		5	98055044	I-V (II)	85103944	98011444	5060	650	115	623	962	18,5	4,7	70	15
129	(22)		6	98256044	II	85104044	98011044	6060	765	115	982	1321	22,9	5,1	40	9
130	(23)		7	98257044	II	85104044	98011044	7060	825	115	982	1321	27,7	5,5	50	14
131	(24)	250	2	98002144	I	85103944	98011344	2055	405	100	623	967	8,2	4,4	30	3
132	(25)		3	98003044	I	85103944	98011344	3055	445	100	623	967	11,8	4,4	40	7
133	(26)		4	98054044	I-V (II)	85103944	98011444	4060	590	115	623	962	16,9	5,0	64	15
134	(27)		5	98205044	II	85104044	98011444	5060	705	115	982	1321	21,8	5,5	40	6
135	(28)		6	98256044	II	85104044	98011044	6060	765	115	982	1321	26,6	5,7	47	11
136	(29)		7	98257044	II	85104044	98011044	7060	825	115	982	1321	32,1	6,1	60	18
137	(30)	315	2	98002044	I	85103944	98011344	2055	510	205	623	1060	9,4	5,2	35	3
138	(31)		3	98003844	I	85103944	98011344	3055	550	205	623	1060	13,9	5,2	50	9
139	(32)		4	98204044	II	85104044	98011444	4060	645	115	982	1366	20,5	6,1	40	4
140	(33)		5	98205044	II	85104044	98011444	5060	705	115	982	1366	26,1	6,3	46	7
141	(34)		6	98256044	II	85104044	98011044	6060	765	115	982	1366	31,7	6,6	55	14
142	(35)		7	98257044	II	85104044	98011044	7060	825	115	982	1366	37,9	6,9	65	23
143	(36)	400	2	98002044	I	85103944	98011344	2055	510	205	623	1060	11,6	6,2	45	3
144	(37)		3	98053044	I-V (II)	85103944	98011344	3060	530	115	623	1007	18,5	6,7	75	8
145	(38)		4	98204044	II	85104044	98011444	4060	645	115	982	1366	24,8	7,1	45	5
146	(39)		5	98205044	II	85104044	98011444	5060	705	115	982	1366	31,4	7,4	56	9
147	(40)		6	98256044	II	85104044	98011044	6060	765	115	982	1366	38,1	7,6	67	17
148	(41)	500	2	98002044	I	85103944	98011344	2055	510	205	623	1060	13,9	7,3	52	4
149	(42)		3	98053044	I-V (II)	85103944	98011344	3060	530	115	982	1007	22,9	8,0	90	11
150	(43)		4	98204044	II	85104044	98011444	4060	645	115	982	1366	30,6	8,5	50	6
151	(44)		5	98205044	II	85104044	98011444	5060	705	115	982	1366	38,5	8,7	70	11
152	(45)		6	98256044	II	85104044	98011044	6060	765	115	982	1366	46,6	9,0	85	21
154	(46)	630	3	98253044	II	85104044	98011344	3060	710	240	982	1446	27,3	10,0	50	3
155	(47)		4	98254044	II	85104044	98011444	4060	770	240	982	1446	36,7	10,2	60	6
156	(48)		5	98255044	II	85104044	98011444	5060	830	240	982	1446	47,1	10,8	80	8
158	(49)	800	3	98253044	II	85104044	98011344	3060	710	240	982	1446	34,4	12,3	60	4
159	(50)		4	98254044	II	85104044	98011444	4060	770	240	982	1446	46,1	12,5	80	7
160	(51)		5	98255044	II	85104044	98011444	5060	830	240	982	1446	57,8	12,7	100	10
162	(52)	1000	3	98253044	II	85104044	98011344	3060	710	240	982	1496	41,9	14,7	75	5
163	(53)		4	98254044	II	85104044	98011444	4060	770	240	982	1496	56,0	15,0	100	9
164	(54)		5	98255044	II	85104044	98011444	5060	830	240	982	1496	71,1	15,5	125	13

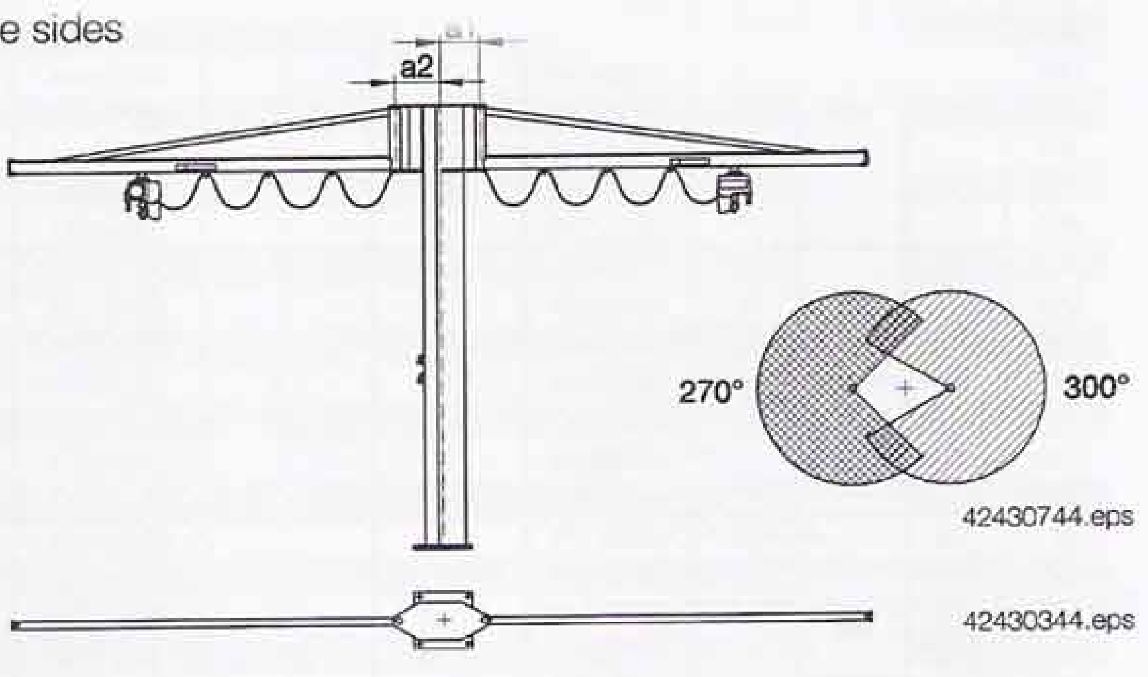
H = מהלך אונקל מקס בגובה h
HO = גובה תחתון של הפרופיל בגובה h .
h = גובה סטנדרטי
l = מפתח
lan1 = מרחק מציר הסיבוב לאונקל
lan2 = מרחק אונקל מקצה הזרוע.
f = שקיעה מחושבת בעומס מלא זרוע במצב: 0º



New line	(Old line)	Lifted load [kg]	Out-reach [m]	זרוע Part no.	סוג זרוע KBK ...	סוג עמוד KBK ...	Electrical equipment Part no.	l [mm]	lan1 [mm]	lan2 [mm]	H (h) 3) [mm]	H0 (h) [mm]	M 1) [kNm]	V 1)2) [Nm]	גודל בסיס [mm]	σ max. [N/cm²]	Deflection f [mm]
201	(3)	80	2	98456244	100	100	98011144	2015	375	100	2305	2650	2,8	2,4	700	90	10
202	(4)		3	98456344	100	100	98011144	3015	415	100	2305	2650	4,2	2,5	850	130	19
203			4	98004044	I	I	98011244	4055	485	100	2163	2505	6,4	3,4	1100	70	13
204	(5)		5	98005044	I	I-V	98011244	5055	525	100	2662	3005	8,2	4,4	1100	50	25
205			6	98256044	II	II	98010044	6060	765	115	2843	3180	14,3	7,0	1300	50	7
206			7	98257044	II	II	98010044	7060	825	115	2843	3180	17,8	7,3	1400	60	11
207		100	2	98002144	I	I	98011144	2055	405	100	2163	2505	3,7	3,4	800	40	4
208			3	98003044	I	I	98011144	3055	445	100	2163	2505	5,4	3,4	1000	60	8
209			4	98004044	I	I	98011244	4055	485	100	2163	2505	7,2	3,5	1100	70	16
210			4	98004044	I	I-V	98011244	4055	485	100	2662	3005	7,3	4,5	1100	40	11
211			5	98055044	I-V (II)	I-V	98011244	5060	650	115	2667	3005	12,0	5,4	1200	70	14
212			6	98256044	II	II	98010044	6060	765	115	2843	3180	15,5	7,1	1300	50	9
213			7	98257044	II	II	98010044	7060	825	115	2843	3180	19,2	7,5	1400	60	14
214	(6)	125	2	98002144	I	I	98011144	2055	405	100	2163	2505	4,4	3,7	800	50	5
215	(7)		3	98003044	I	I	98011144	3055	445	100	2163	2505	6,3	3,7	1000	70	10
216	(8)		4	98004044	I	I	98011244	4055	485	100	2163	2505	8,5	3,8	1100	90	20
217	(9)		4	98004044	I	I-V	98011244	4055	485	100	2662	3005	8,6	4,8	1100	50	14
218	(10)		5	98055044	I-V (II)	I-V	98011244	5060	650	115	2667	3005	13,6	5,7	1200	80	18
219	(11)		6	98256044	II	II	98010044	6060	765	115	2843	3180	17,4	7,5	1300	60	11
220	(12)		7	98257044	II	II	98010044	7060	825	115	2843	3180	21,5	7,8	1400	75	17
221	(13)	160	2	98002144	I	I	98011144	2055	405	100	2163	2505	6,1	4,4	900	65	7
222	(14)		3	98003044	I	I	98011144	3055	445	100	2163	2505	8,8	4,5	1100	90	13
223	(15)		4	98054044	I-V (II)	I-V	98011244	4060	590	115	2667	3005	13,7	6,3	1200	80	17
224	(16)		5	98055044	I-V (II)	I-V	98011244	5060	650	115	2667	3005	17,8	6,6	1300	100	23
225	(17)		6	98256044	II	II	98010044	6060	765	115	2843	3180	22,5	8,3	1400	70	15
226	(18)		7	98257044	II	II	98010044	7060	825	115	2843	3180	27,5	8,7	1600	85	23
227	(19)	200	2	98002144	I	I	98011144	2055	405	100	2163	2505	6,8	4,7	1000	80	8
228	(20)		3	98003044	I	I	98011144	3055	445	100	2163	2505	9,8	4,8	1200	110	16
229	(21)		4	98054044	I-V (II)	I-V	98011244	4060	590	115	2667	3005	15,0	6,5	1300	90	21
230	(22)		5	98055044	I-V (II)	I-V	98011244	5060	650	115	2667	3005	19,3	6,8	1400	115	29
231	(23)		6	98256044	II	II	98010044	6060	765	115	2843	3180	24,2	8,5	1500	80	19
232	(24)		7	98257044	II	II-V	98010044	7060	825	115	2847	3185	29,5	10,8	1700	50	22
233	(25)	250	2	98002144	I	I	98011144	2055	405	100	2163	2505	8,1	5,3	1000	90	10
234	(26)		2	98002144	I	I-V	98011144	2055	405	100	2662	3005	8,3	6,3	1000	50	7
235	(27)		3	98003044	I	I	98011144	3055	445	100	2163	2505	11,8	5,4	1200	120	20
236	(28)		3	98003044	I	I-V	98011144	3055	445	100	2662	3005	12,0	6,4	1200	80	14
237	(29)		4	98054044	I-V (II)	I-V	98011244	4060	590	115	2667	3005	17,6	7,1	1300	100	26
238	(30)		5	98205044	II	II	98011244	5060	705	115	2843	3180	23,1	8,9	1500	80	15
239	(31)		6	98256044	II	II	98010044	6060	765	115	2843	3180	28,1	9,1	1600	100	23
240	(32)		7	98257044	II	II-V	98010044	7060	825	115	2847	3185	34,0	11,4	1800	60	27
241	(33)	315	2	98002044	I	I	98011144	2055	510	205	2070	2505	9,5	6,2	1050	105	10
242	(34)		3	98003844	I	I-V	98011144	3055	550	205	2569	3005	14,3	7,2	1250	90	18
243	(35)		4	98204044	II	II	98011244	4060	645	115	2798	3180	21,7	9,4	1400	75	11
244	(36)		5	98205044	II	II	98011244	5060	705	115	2798	3180	27,4	9,7	1600	90	18
245	(37)		6	98256044	II	II	98010044	6060	765	115	2798	3180	33,3	9,9	1600	110	29
246	(38)		7	98257044	II	II-V	98010044	7060	825	115	2802	3185	40,1	12,3	1700	65	35
247	(39)	400	2	98002044	I	I	98011144	2055	510	205	2070	2505	11,8	7,2	1100	130	13
248	(40)		3	98053044	I-V (II)	I-V	98011144	3060	530	115	2622	3005	19,2	8,7	1300	115	19
249	(41)		4	98204044	II	II	98011244	4060	645	115	2798	3180	26,2	10,4	1500	90	14
250	(42)		5	98205044	II	II	98011244	5060	705	115	2798	3180	33,0	10,7	1650	110	23
251	(43)		6	98256044	II	II-V	98010044	6060	765	115	2802	3185	40,1	12,9	1800	65	28
252	(44)	500	2	98002044	I	I	98011144	2055	510	205	2070	2505	14,1	8,3	1200	160	16
253	(45)		2	98002044	I	I-V	98011144	2055	510	205	2569	3005	14,4	9,3	1200	100	10
254	(46)		3	98053044	I-V (II)	I-V	98011144	3060	530	115	2622	3005	23,6	10,1	1400	140	24
255	(47)		3	98203044	II	II	98011144	3060	585	115	2798	3180	24,5	11,6	1400	90	10
256	(49)		4	98204044	II	II	98011244	4060	645	115	2798	3180	32,1	11,8	1600	110	17
257	(50)		4	98204044	II	II-V	98011244	4060	645	115	2802	3185	32,4	13,7	1600	60	12
258	(51)		5	98205044	II	II	98011244	5060	705	115	2798	3180	40,3	12,1	1750	130	29
259	(52)		5	98205044	II	II-V	98011244	5060	705	115	2802	3185	40,5	14,0	1750	70	22
260	(53)		6	98256044	II	II-V	98010044	6060	765	115	2802	3185	48,8	14,3	1900	80	36
262	(54)	630	3	98253044	II	II	98011144	3060	710	240	2718	3180	29,0	13,3	1600	95	12
263	(55)		4	98254044	II	II	98011244	4060	770	240	2718	3180	38,5	13,6	1800	125	20
264	(56)		5	98255044	II	II-V	98011244	5060	830	240	2722	3185	49,6	16,1	2000	80	20
266	(57)	800	3	98253044	II	II	98011144	3060	710	240	2718	3180	38,4	15,6	1700	115	15
267	(58)		4	98254044	II	II	98011244	4060	770	240	2718	3180	48,3	15,9	1900	150	26
268	(59)		5	98255044	II	II-V	98011244	5060	830	240	2722	3185	61,7	18,4	2100	95	25
270	(60)	1000	3	98253044	II	II	98011144	3060	710	240	2668	3180	44,2	18,0	1750	150	19
271	(61)		3	98253044	II	II-V	98011144	3060	710	240	2672	3185	44,7	19,9	1750	70	10
272	(62)		4	98254044	II	II-V	98011244	4060	770	240	2672	3185	59,0	20,2	1950	90	21
273	(63)		5	98255044	II	II-V	98011244	5060	830	240	2672	3185	74,5	20,9	2150	120	32

עמוד עם 2 זרועות

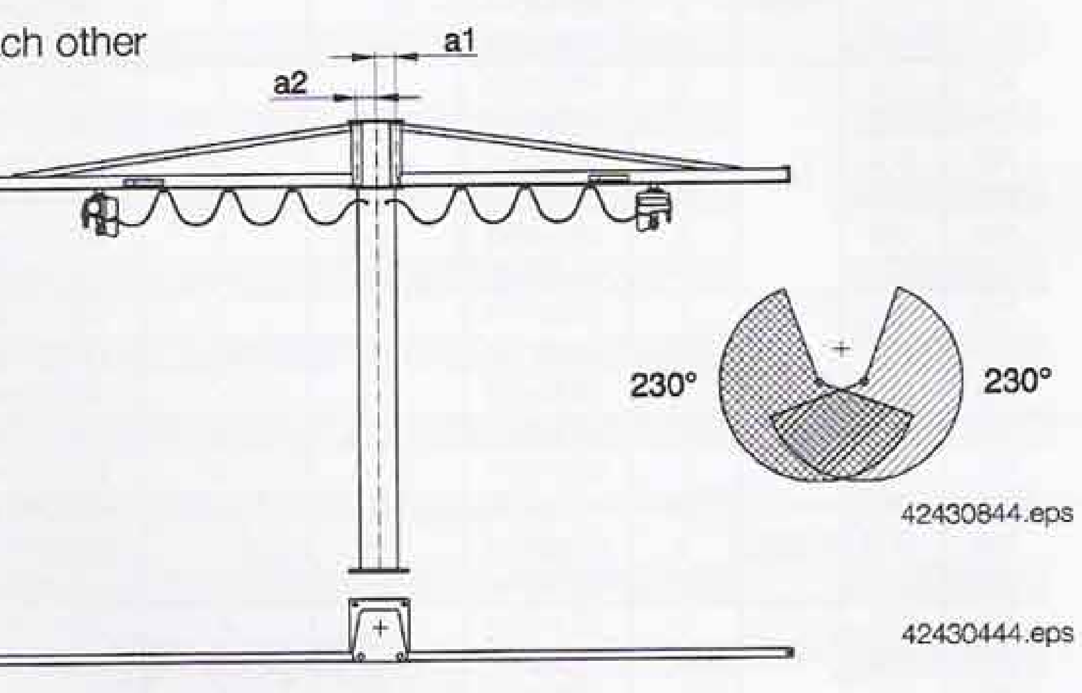
1. Jibs on opposite sides



42430744.eps

42430344.eps

2. Jibs adjacent to each other



42430844.eps

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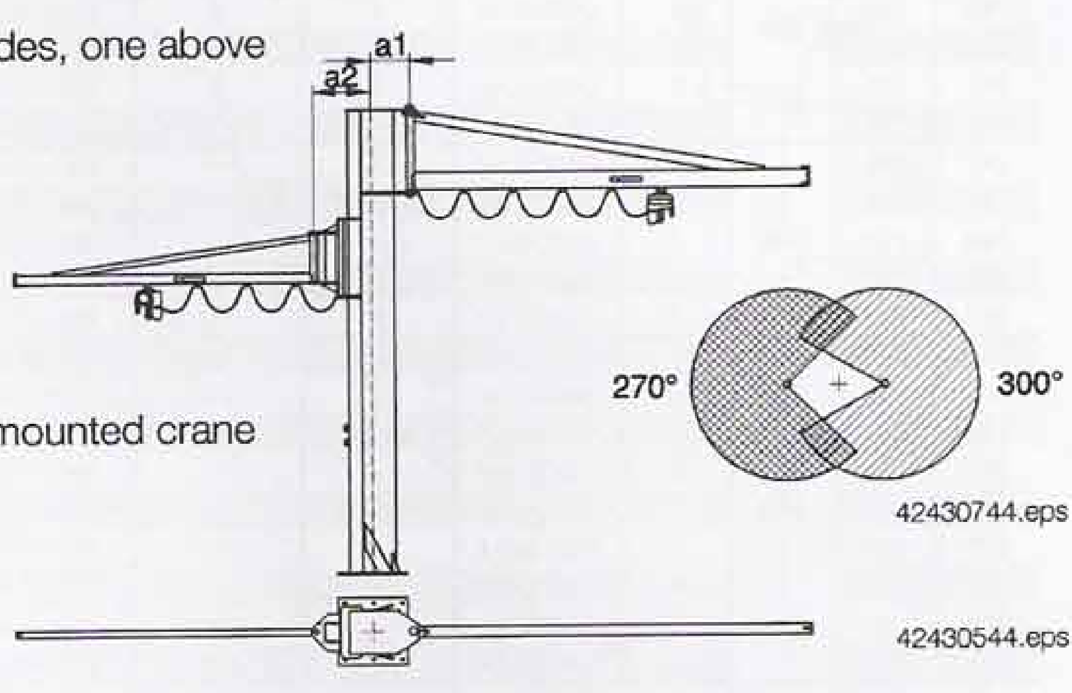
3. Jibs on opposite sides, one above the other



with bracket for wall-mounted crane

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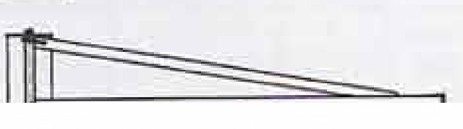
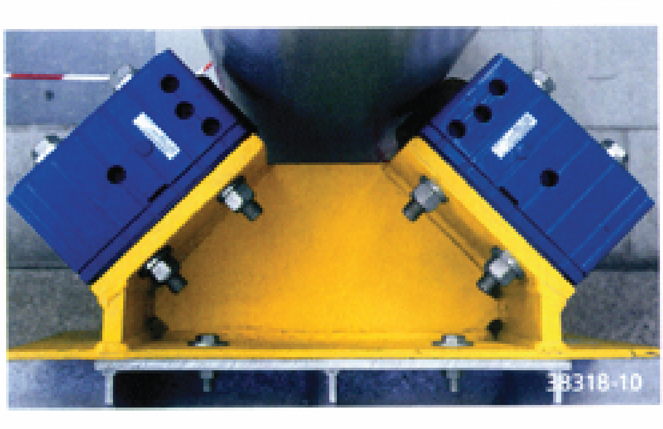
4. Jibs arranged one above the other



Whatever you plan and build, be it a new installation or the modernisation of an existing facility – the Demag DRS wheel block system with its wide variety of perfectly matched components will meet all your requirements. The right wheel blocks and drive units can be supplied for every application: tailored to meet your needs, compact and reliable.



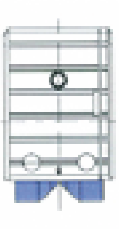
גי גלגלים

Perfect shape
Demag DRS wheel blocks can be matched to many different types of travel rail and operating conditions with travel wheels from a wide range of standard designs or with specially developed travel wheel profiles.

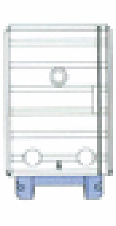
Travel wheel types and materials
With effective vibration-damping characteristics, the spheroidal graphite cast iron (GGG 70) travel wheels guarantee high-speed operation which is particularly gentle on the rail. The self-lubricating effect of the wheel material reduces friction and provides high resistance to wear. These properties make spheroidal graphite cast iron travel wheels far superior to conventional steel travel wheels.

Also available are Polyamide travel wheels without flanges, which offer particularly smooth and quiet running properties and are gentle on the runway. Flangeless travel wheels fitted with Hydropur tyres, which also provide for smooth operation at high acceleration rates, complete the travel wheel range.

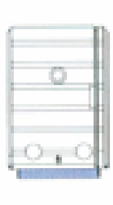
נסיעה לפתרונות
ה אנכית או אופקית.



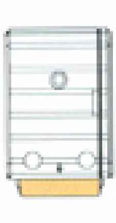
גלגלי נסיעה מובלים ע"י כתף
בשני הצדדים עם מרווח
להתאמה על פסי נסיעה
קיימים .



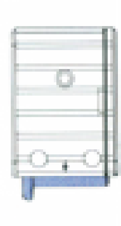
גלגלי נסיעה ללא כתפיים.
אם נדרש : ניתן לקבל עם
מובילים .



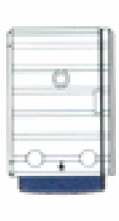
ם עם גיפור Hydropur
ה מהירה ושקטה.



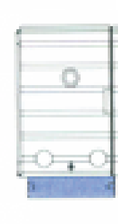
גלגלי נסיעה עם כתף בצד אחד.
לנסיעה על מפלס רצפה. ניתן
לקבל עם כתף מרכזית.



עם גיפור של Polyamide
ף לנסיעה שקטה



גלגלים עם קוטר גדול ללא
כתפיים להגדלה של מרווח
הרצפה.



Dimensions		Pillar type														
		KBK I				KBK I-V				KBK II			KBK II-V			
Combination		1	2	3	4	1	2	3	4	1	2	3	1	1	2	3
a1	[mm]	282	150	282	282	316	150	316	316	382	150	382	402	402	150	402
a2	[mm]	318	150	450	•	357	150	485	•	438	150	545	491 1)	510 2)	150	580

1) KBK I jib
2) KBK II jib