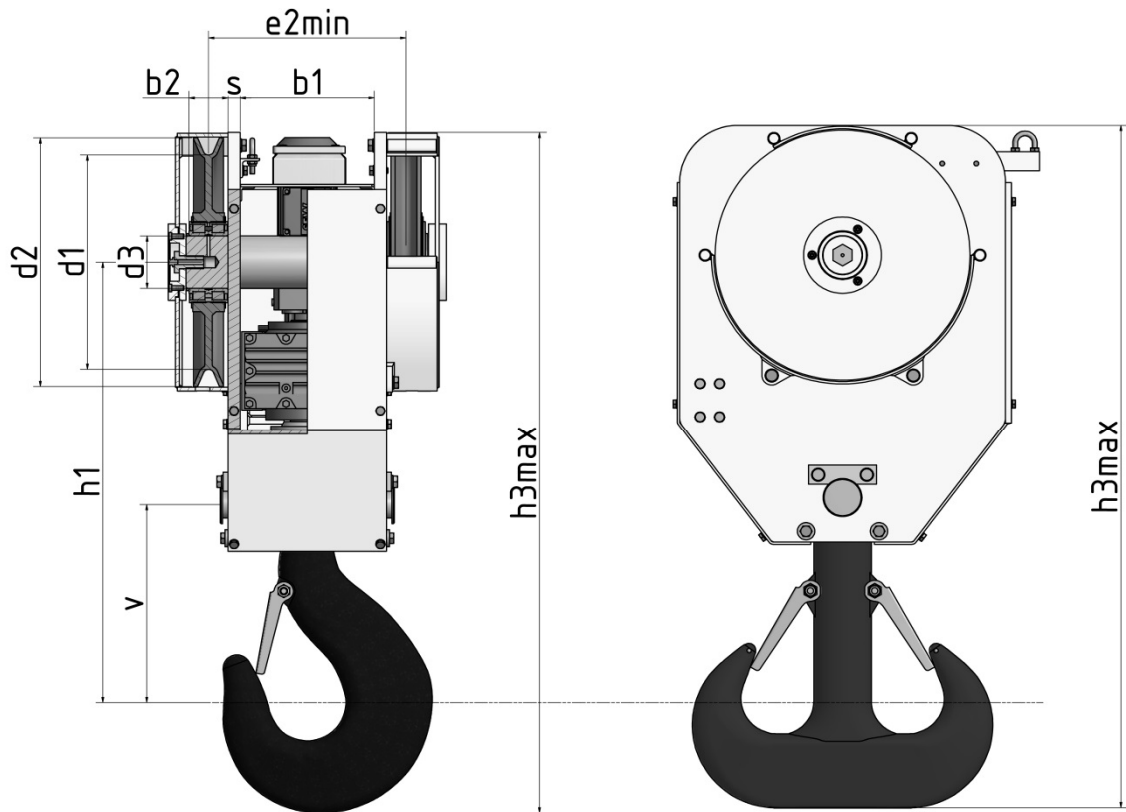




Load capacity [kg]		Rope mechanism group acc. to FEM					
		M3 1Bm	M4 1Am	M5 2m	M6 3m	M7 4m	M8 5m
5.000	Hook no.	4	4	4	4	5	6
	Material	P	P	P	P	P	P
	SEW gear motor	FA67	FA67	FA67	FA67	FA67	FA67
	Rope-Ø	10	10	10	10	11	12
	d1	225	225	225	225	280	315
	d2	260	260	260	260	315	355
	d3	40	40	40	40	40	40
	e2 min	294	294	294	294	300	301
	v	175	175	175	175	195	240
	b1	222	222	222	222	222	222
	s	12	12	12	12	15	15
	b2	38	38	38	38	38	39
	h1	521	521	521	521	550	610
	h3max	941	941	941	941	981	1058
	Weight [kg]	S'hook	210	210	210	240	280
		D'hook	212	212	212	242	282

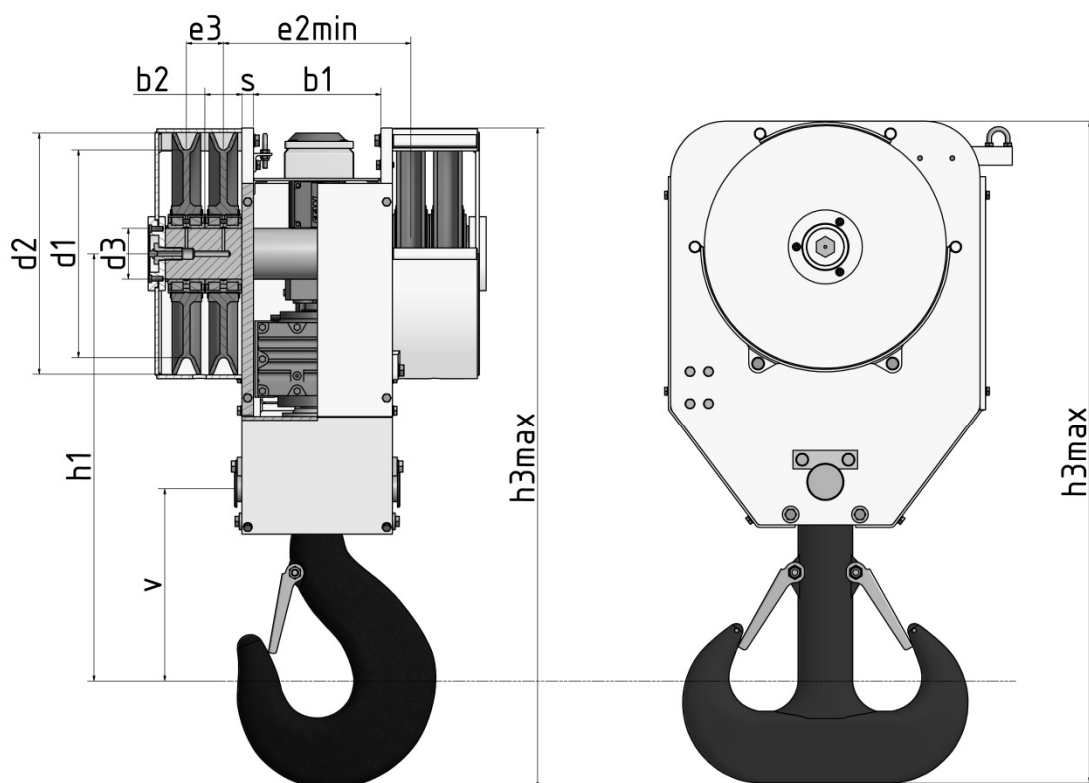
Load capacity [kg]	Rope mechanism group acc. to FEM						
		M3 1Bm	M4 1Am	M5 2m	M6 3m	M7 4m	M8 5m
6.300	Hook no.	5	5	5	5	6	8
	Material	P	P	P	P	P	P
	SEW gear motor	FA67	FA67	FA67	FA67	FA67	FA67
	Rope -Ø	10	10	10	10	12	14
	d1	225	225	225	280	315	355
	d2	260	260	260	315	355	405
	d3	40	40	40	40	40	40
	e2 min	300	300	300	300	301	315
	v	195	195	195	195	240	265
	b1	222	222	222	222	222	222
	s	15	15	15	15	15	20
	b2	38	38	38	38	39	43
	h1	550	550	550	550	610	644
	h3 max	981	981	981	981	1058	1107
	Weight [kg]	S'hook	240	240	240	280	310
		D'hook	242	242	242	282	312
8.000	Hook no.	5	5	5	6	8	8
	Material	P	P	P	P	P	S
	SEW gear motor	FA67	FA67	FA67	FA67	FA67	FA67
	Rope -Ø	10	10	10	12	14	16
	d1	225	225	225	280	355	400
	d2	260	260	260	320	405	460
	d3	40	40	40	40	40	50
	e2 min	300	300	300	301	315	322
	v	195	195	195	240	265	265
	b1	222	222	222	222	222	222
	s	15	15	15	15	20	20
	b2	38	38	38	39	43	50
	h1	550	550	550	610	644	649
	h3 max	981	981	981	1058	1107	1107
	Weight [kg]	S'hook	240	240	280	310	310
		D'hook	242	242	282	312	312
10.000	Hook no.	6	6	6	8	10	10
	Material	P	P	P	P	P	S
	SEW gear motor	FA67	FA67	FA67	FA67	FA67	FA67
	Rope -Ø	10	12	12	14	14	16
	d1	280	280	280	355	400	450
	d2	315	320	320	405	450	510
	d3	40	40	40	40	50	50
	e2 min	300	301	301	315	315	322
	v	240	240	240	265	280	280
	b1	222	222	222	222	222	222
	s	15	15	15	20	20	20
	b2	38	39	39	43	43	50
	h1	610	610	610	644	676	676
	h3 max	1058	1058	1058	1107	1151	1151
	Weight [kg]	S'hook	280	280	280	350	350
		D'hook	282	282	282	352	352

Load capacity [kg]		Rope mechanism group acc. to FEM					
		M3 1Bm	M4 1Am	M5 2m	M6 3m	M7 4m	M8 5m
12.500	Hook no.	8	8	8	10	12	12
	Material	P	P	P	P	P	S
	SEW gear motor	FA67	FA67	FA67	FA67	FA77	FA77
	Rope -Ø	14	14	14	14	16	18
	d1	280	280	315	315	400	500
	d2	330	330	365	365	460	565
	d3	40	40	40	40	50	50
	e2 min	315	315	315	315	390	395
	v	265	265	265	280	315	315
	b1	222	222	222	222	280	280
	s	20	20	20	20	25	25
	b2	43	43	43	43	50	55
	h1	644	644	644	671	828	828
	h3 max	1107	1107	1107	1151	1257	1310
16.000	Weight [kg]	S'hook	280	280	280	350	480
		D'hook	282	282	282	352	483
	Hook no.	8	8	10	8	8	16
	Material	P	P	P	V	V	S
	SEW gear motor	FA67	FA67	FA67	FA67	FA67	FA77
	Rope -Ø	14	14	14	16	18	20
	d1	280	280	315	400	450	630
	d2	330	330	365	460	515	700
	d3	40	50	50	50	50	60
	e2 min	315	315	315	322	327	400
	v	265	265	280	265	265	370
	b1	222	222	222	222	222	280
	s	20	20	20	20	20	25
	b2	43	43	43	50	55	60
20.000	h1	644	649	676	649	649	898
	h3 max	1107	1107	1151	1107	1107	1469
	Weight [kg]	S'hook	280	280	350	280	650
		D'hook	282	282	352	282	654
	Hook no.	8	10	8	8	10	20
	Material	P	P	V *	V *	V	S
	SEW gear motor	FA67	FA67	FA67	FA67	FA67	FA77
	Rope -Ø	14	16	16	18	20	24
	d1	280	315	355	450	500	630
	d2	330	375	415	515	570	705
	d3	60	60	60	60	60	60
	e2 min	318	322	322	327	332	415
	V	265	280	265	265	280	415
	b1	222	222	222	222	222	280
	S	20	20	20	20	20	30
20.000	b2	46	50	50	55	60	65
	h1	654	681	654	654	681	957
	h3 max	1107	1151	1107	1107	1151	1559
	Weight [kg]	S'hook	280	350	280	280	1050
		D'hook	282	352	282	282	1052

Load capacity [kg]			Rope mechanism group acc. to FEM					
			M3 1Bm	M4 1Am	M5 2m	M6 3m	M7 4m	M8 5m
25.000	Hook no.		10	12	8	10	12	25
	Material		P	P	V *	V	V	S
	SEW gear motor		FA67	FA77	FA67	FA67	FA77	FA77
	Rope -Ø		16	18	18	20	22	26
	d1		280	315	400	450	560	710
	d2		340	380	465	520	630	790
	d3		60	60	60	60	60	70
	e2 min		322	395	327	332	400	420
	v		280	315	265	280	315	460
	b1		222	280	222	222	280	280
	s		20	25	20	20	25	30
	b2		50	55	55	60	60	70
	h1		681	833	654	681	833	1023
	h3 max		1151	1250	1107	1151	1347	1697
	Weight [kg]	S'hook	350	480	280	350	480	1270
		D'hook	352	483	282	352	483	1275
32.000	Hook no.		12	8	10	12	16	32
	Material		P	V *	V *	V	V	S
	SEW gear motor		FA77	FA67	FA67	FA77	FA77	FA87
	Rope -Ø		18	20	20	22	25	29
	d1		315	355	400	500	630	710
	d2		380	425	470	570	705	790
	d3		70	70	70	70	70	70
	e2 min		395	332	332	400	405	500
	V		315	265	280	315	370	500
	b1		280	222	222	280	280	340
	S		25	20	20	25	25	40
	b2		55	60	60	60	65	70
	h1		838	659	686	838	903	1110
	h3 max		1250	1107	1151	1322	1476	1814
	Weight [kg]	S'hook	485	280	350	480	650	1430
		D'hook	487	282	352	483	655	1437
40.000	Hook no.		8	10	12	16	20	
	Material		V *	V *	V *	V *	V	
	SEW gear motor		FA67	FA67	FA77	FA77	FA77	
	Rope -Ø		20	22	22	25	28	
	d1		355	400	450	630	710	
	d2		425	470	520	705	790	
	d3		70	70	70	70	80	
	e2 min		332	332	400	405	420	
	V		265	280	315	370	415	
	b1		222	222	280	280	280	
	S		20	20	25	25	30	
	b2		60	60	60	65	70	
	h1		659	686	838	903	967	
	h3 max		1107	1151	1297	1477	1611	
	Weight [kg]	S'hook	320	350	480	650	1050	
		D'hook	322	352	482	652	1055	

Load capacity [kg]			Rope mechanism group acc. to FEM					
			M3 1Bm	M4 1Am	M5 2m	M6 3m	M7 4m	M8 5m
50.000	Hook no.		10	12	16	20		
	Material		V *	V *	V *	V *		
	SEW gear motor		FA67	FA77	FA77	FA77		
	Rope -Ø		22	24	25	28		
	d1		355	450	500	630		
	d2		425	525	575	710		
	d3		80	80	80	80		
	e2 min		332	405	405	420		
	v		280	315	370	415		
	b1		222	280	280	280		
	s		20	25	25	30		
	b2		60	65	65	70		
	h1		691	843	908	967		
	h3 max		1151	1304,5	1417	1571		
	Weight [kg]	S'hook	350	480	650	1050		
		D'hook	352	482	655	1055		
63.000	Hook no.		12	16	20			
	Material		V *	V *	V *			
	SEW gear motor		FA77	FA77	FA77			
	Rope -Ø		25	28	28			
	d1		400	500	560			
	d2		475	580	640			
	d3		90	90	90			
	e2 min		407	410	420			
	v		315	370	415			
	b1		280	280	280			
	s		25	25	30			
	b2		67	70	70			
	h1		848	913	972			
	h3 max		1285	1424	1541			
	Weight [kg]	S'hook	480	650	1050			
		D'hook	482	655	1055			

Figured are bottom hook blocks with rope pulleys in welded single support-round plate design. Other rope pulleys and bearings on request. Standard colouring: prime and finish coating RAL 1004. Other shades and coating types optional acc. to customer requirement. Deviations from listed bottom hook blocks as well bottom hook blocks for special applications on request.

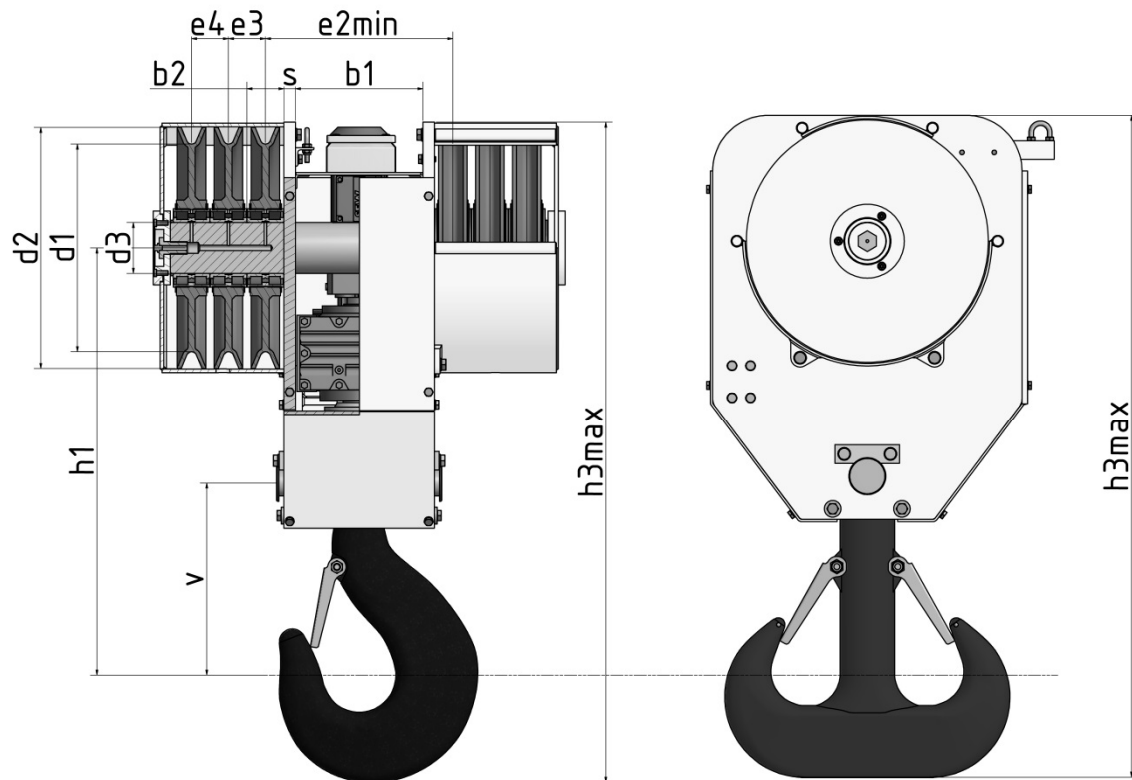


Load capacity [kg]			Rope mechanism group acc. to FEM						
			M3 1Bm	M4 1Am	M5 2m	M6 3m	M7 4m	M8 5m	
25.000	Hook no.		8	8	8	10	12	25	
	Material		V	V	V	V	V	S	
	SEW gear motor		FA67	FA67	FA67	FA77	FA77	FA77	
	Rope-Ø		12	12	14	14	16	18	
	d1		315	315	315	355	400	500	
	d2		355	355	365	405	460	565	
	d3		70	70	70	70	80	80	
	e2 _{min}		326	326	326	326	400	410	
	e3		80	80	80	80	80	80	
	v		265	265	265	280	315	460	
	b1		222	222	222	222	280	280	
	S		20	20	20	20	25	30	
	b2		54	54	54	54	60	60	
	h1		659	659	659	686	843	1028	
	h3 _{max}		1107	1107	1107	1151	1272	1590	
	Weight [kg]		S'hook	350	350	350	390	530	1200
			D'hook	352	352	352	395	535	1210

Load capacity [kg]		Rope mechanism group acc. to FEM					
		M3 1Bm	M4 1Am	M5 2m	M6 3m	M7 4m	M8 5m
32.000	Hook no.	8	8	10	12	16	32
	Material	V *	V *	V *	V	V	S
	SEW gear motor	FA67	FA67	FA67	FA77	FA77	FA87
	Rope -Ø	13	14	14	16	18	20
	d1	280	280	280	355	450	630
	d2	320	330	330	415	515	700
	d3	80	80	80	80	80	80
	e2 _{min}	332	332	332	400	400	490
	e3	80	80	80	80	80	80
	v	265	265	280	315	370	500
	b1	222	222	222	280	280	340
	s	20	20	20	25	25	40
	b2	60	60	60	60	60	60
	h1	664	664	691	843	908	1115
	h3 _{max}	1107	1107	1151	1250	1387	1774
	Weight [kg]	S'hook	350	350	390	530	650
		D'hook	352	352	395	535	655
40.000	Hook no.	8	10	12	16	20	40
	Material	V *	V *	V *	V *	V	S
	SEW gear motor	FA67	FA67	FA77	FA77	FA77	FA87
	Rope -Ø	14	16	16	18	20	24
	d1	280	280	315	400	500	630
	d2	330	340	375	465	570	705
	d3	90	90	90	90	90	90
	e2 _{min}	339	339	407	407	417	507
	e3	80	80	80	80	80	80
	v	265	280	315	370	415	565
	b1	222	222	280	280	280	340
	s	20	20	25	25	30	45
	b2	67	67	67	67	67	67
	h1	669	696	848	913	972	1205
	h3 _{max}	1107	1151	1250	1367	1506	1901
	Weight [kg]	S'hook	350	390	530	650	800
		D'hook	352	395	535	655	810
50.000	Hook no.	10	12	16	20	25	50
	Material	V *	V *	V *	V *	V	S
	SEW gear motor	FA67	FA77	FA77	FA77	FA77	FA97
	Rope -Ø	16	18	18	20	22	26
	d1	280	315	355	450	560	710
	d2	340	380	420	520	630	790
	d3	110	110	110	110	110	110
	e2 _{min}	352	420	420	430	430	590
	e3	95	95	95	95	95	95
	v	280	315	370	415	460	620
	b1	222	280	280	280	280	410
	s	20	25	25	30	30	45
	b2	80	80	80	80	80	80
	h1	706	858	923	982	1043	1357
	h3 _{max}	1151	1250	1354	1491	1637	2132
	Weight [kg]	S'hook	390	530	650	800	1250
		D'hook	395	535	660	810	1240

Load capacity [kg]	Rope mechanism group acc. to FEM						
		M3 1Bm	M4 1Am	M5 2m	M6 3m	M7 4m	M8 5m
63.000	Hook no.	12	16	20	25	32	63
	Material	V *	V *	V *	V *	V	S
	SEW gear motor	FA77	FA77	FA77	FA77	FA87	FA97
	Rope -Ø	18	20	20	22	25	29
	d1	315	355	400	500	630	800
	d2	380	425	470	570	705	880
	d3	120	120	120	120	120	120
	e2 _{min}	420	420	430	430	510	600
	e3	95	95	95	95	95	95
	v	315	370	415	460	500	700
	b1	280	280	280	280	340	410
	s	25	25	30	30	40	50
	b2	80	80	80	80	80	80
	h1	863	928	987	1048	1135	1477
	h3 _{max}	1252	1362	1471	1612	1797	2342
	Weight [kg]	S'hook	535	650	800	1250	3200
		D'hook	535	660	810	1240	3190
100.000	Hook no.	20	25	32	40	50	
	Material	V **	V *	V *	V	V	
	SEW gear motor	FA77	FA77	FA87	FA87	FA97	
	Rope -Ø	22	24	25	28	32	
	d1	355	450	500	630	800	
	d2	425	525	575	710	890	
	d3	140	140	140	140	140	
	e2 _{min}	430	430	510	520	590	
	e3	95	95	95	95	95	
	v	415	460	500	565	620	
	b1	280	280	340	340	410	
	s	30	30	40	45	45	
	b2	80	80	80	80	80	
	h1	997	1058	1145	1230	1372	
	h3 _{max}	1459	1600	1758	1928	2197	
	Weight [kg]	S'hook	800	1250	1700	2000	2500
		D'hook	810	1240	1690	1990	2490
125.000	Hook no.	25	32	40	50		
	Material	V *	V *	V *	V		
	SEW gear motor	FA77	FA87	FA87	FA97		
	Rope -Ø	25	28	28	32		
	d1	400	500	560	710		
	d2	475	580	640	800		
	d3	150	150	150	150		
	e2 _{min}	430	510	520	590		
	e3	95	95	95	95		
	v	460	500	565	620		
	b1	280	340	340	410		
	s	30	40	45	45		
	b2	80	80	80	80		
	h1	1063	1150	1235	1377		
	h3 _{max}	1580	1758	1898	2157		
	Weight [kg]	S'hook	1250	1700	2000	2500	
		D'hook	1240	1690	1990	2490	

Figured are bottom hook blocks with rope pulleys in welded single support-round plate design. Other rope pulleys and bearings on request. Standard colouring: prime and finish coating RAL 1004. Other shades and coating types optional acc. to customer requirement. Deviations from listed bottom hook blocks as well as bottom hook blocks for special applications on request.



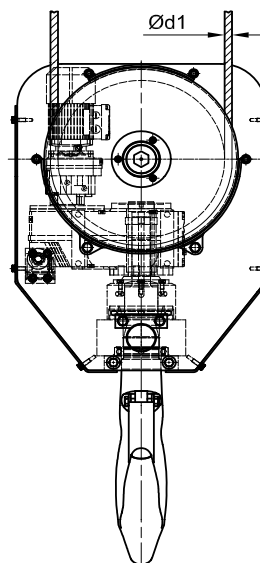
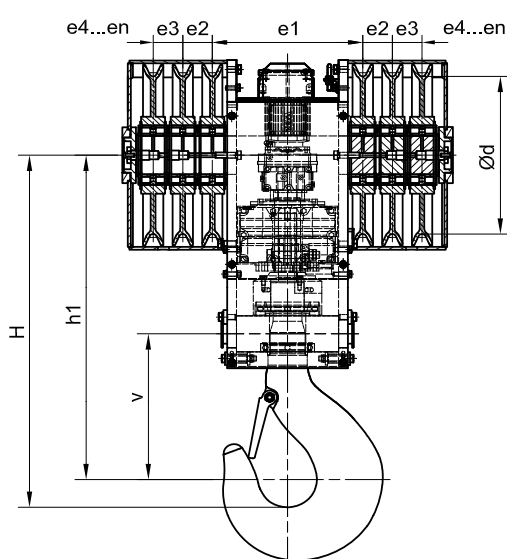
Load capacity [kg]		Rope mechanism group acc. to FEM					
		M3 1Bm	M4 1Am	M5 2m	M6 3m	M7 4m	M8 5m
32.000	Hook no.	16	16	16	16	16	32
	Material	V	V	V	V	V	S
	SEW gear motor	FA77	FA77	FA77	FA77	FA77	FA87
	Rope -Ø	16	16	16	16	16	17
	d1	400	400	400	400	400	500
	d2	460	460	460	460	460	560
	d3	90	90	90	90	90	90
	e2 _{min}	407	407	407	407	407	497
	e3=e4	80	80	80	80	80	80
	v	370	370	370	370	370	500
	b1	280	280	280	280	280	340
	s	25	25	25	25	25	40
	b2	67	67	67	67	67	67
	h1	913	913	913	913	913	1120
	h3 _{max}	1364	1364	1364	1364	1364	1758
	Weight [kg]	S'hook	750	750	750	750	1850
		D'hook	755	755	755	755	1840

Load capacity [kg]		Rope mechanism group acc. to FEM					
		M3 1Bm	M4 1Am	M5 2m	M6 3m	M7 4m	M8 5m
40.000	Hook no.	16	16	16	16	20	40
	Material	V *	V *	V *	V *	V	S
	SEW gear motor	FA77	FA77	FA77	FA77	FA77	FA87
	Rope -Ø	16	16	16	16	16	20
	d1	400	400	400	400	450	560
	d2	460	460	460	460	510	630
	d3	120	120	120	120	120	120
	e2 _{min}	420	420	420	420	430	520
	e3=e4	95	95	95	95	95	95
	v	370	370	370	370	415	565
	b1	280	280	280	280	280	340
	s	25	25	25	25	30	45
	b2	80	80	80	80	80	80
	h1	928	928	928	928	987	1220
	h3 _{max}	1379	1379	1379	1379	1491	1878
	Weight [kg]	S'hook	750	750	750	950	2150
		D'hook	755	755	755	955	2140
50.000	Hook no.	10	12	16	20	25	50
	Material	V *	V *	V *	V *	V	S
	SEW gear motor	FA67	FA77	FA77	FA77	FA77	FA97
	Rope -Ø	13	14	16	16	18	22
	d1	400	400	400	400	450	630
	d2	440	450	460	460	515	700
	d3	130	130	130	130	130	130
	e2 _{min}	352	420	420	430	430	590
	e3=e4	95	95	95	95	95	95
	v	280	315	370	415	460	620
	b1	222	280	280	280	280	410
	s	20	25	25	30	30	45
	b2	80	80	80	80	80	80
	h1	716	868	933	992	1053	1367
	h3 _{max}	1151	1292	1384	1471	1590	2097
	Weight [kg]	S'hook	450	580	750	950	2550
		D'hook	455	585	755	955	2540
63.000	Hook no.	12	16	20	25	32	63
	Material	V *	V *	V *	V *	V	S
	SEW gear motor	FA77	FA77	FA77	FA77	FA87	FA97
	Rope -Ø	16	16	16	18	22	24
	d1	400	400	400	450	560	710
	d2	460	460	460	515	630	785
	d3	140	140	140	140	140	140
	e2 _{min}	420	420	430	430	510	600
	e3=e4	95	95	95	95	95	95
	v	315	370	415	460	500	700
	b1	280	280	280	280	340	410
	s	25	25	30	30	40	50
	b2	80	80	80	80	80	80
	h1	873	938	997	1058	1145	1487
	h3 _{max}	1302	1389	1476	1595	1769	2305
	Weight [kg]	S'hook	580	750	950	1400	3350
		D'hook	585	755	955	1390	3340

Load capacity [kg]		Rope mechanism group acc. to FEM					
		M3 1Bm	M4 1Am	M5 2m	M6 3m	M7 4m	M8 5m
80.000	Hook no.	16	20	25	32	40	80
	Material	V *	V *	V *	V *	V	S
	SEW gear motor	FA77	FA77	FA77	FA87	FA87	FA107
	Rope -Ø	16	18	18	22	24	27
	d1	400	400	400	500	630	800
	d2	460	465	465	570	705	880
	d3	150	150	150	150	150	150
	e2 _{min}	420	430	430	510	520	650
	e3=e4	95	95	95	95	95	95
	v	370	415	460	500	565	800
	b1	280	280	280	340	340	460
	s	25	30	30	40	45	50
	b2	80	80	80	80	80	80
	h1	943	1002	1063	1150	1235	1649
	h3 _{max}	1394	1484	1575	1758	1931	2566
	Weight [kg]	S'hook	750	950	1400	1850	3950
		D'hook	755	955	1390	1840	3955
100.000	Hook no.	20	25	32	40	50	
	Material	V **	V *	V *	V	V	
	SEW gear motor	FA77	FA77	FA87	FA87	FA97	
	Rope -Ø	18	20	22	24	28	
	d1	400	400	450	560	710	
	d2	465	470	520	635	790	
	d3	160	160	160	160	160	
	e2 _{min}	430	430	510	520	590	
	e3=e4	95	95	95	95	95	
	v	415	460	500	565	620	
	b1	280	280	340	340	410	
	s	30	30	40	45	45	
	b2	80	80	80	80	80	
	h1	1007	1068	1155	1240	1382	
	h3 _{max}	1489	1582	1758	1901	2157	
	Weight [kg]	S'hook	950	1400	1850	2150	2550
		D'hook	955	1390	1840	2140	2540
125.000	Hook no.	25	32	40	50		
	Material	V *	V *	V *	V		
	SEW gear motor	FA77	FA87	FA87	FA97		
	Rope -Ø	20	22	24	28		
	d1	400	450	500	630		
	d2	470	520	575	710		
	d3	170	170	170	170		
	e2 _{min}	430	510	520	590		
	e3=e4	95	95	95	95		
	v	460	500	565	620		
	b1	280	340	340	410		
	s	30	40	45	45		
	b2	80	80	80	80		
	h1	1073	1160	1245	1387		
	h3 _{max}	1587	1758	1877	2122		
	Weight [kg]	S'hook	1400	1850	2150	2550	
		D'hook	1390	1840	2140	2540	

Load capacity [kg]		Rope mechanism group acc. to FEM					
		M3 1Bm	M4 1Am	M5 2m	M6 3m	M7 4m	M8 5m
160.000	Hook no.	32	40	50			
	Material	V *	V *	V *			
	SEW gear motor	FA87	FA87	FA97			
	Rope -Ø	24	25	28			
	d1	400	450	560			
	d2	475	525	640			
	d3	190	190	190			
	e2 _{min}	510	520	590			
	e3=e4	95	95	95			
	v	500	565	620			
	b1	340	340	410			
	s	40	45	45			
	b2	80	80	80			
	h1	1170	1255	1397			
	h3 _{max}	1758	1877	2097			
	Weight [kg]	S'hook	1850	2150	2550		
		D'hook	1840	2140	2540		

Figured are bottom hook blocks with rope pulleys in welded single support-round plate design. Other rope pulleys and bearings on request. Standard colouring: prime and finish coating RAL 1004. Other shades and coating types optional acc. to customer requirement. Deviations from listed bottom hook blocks as well bottom hook blocks for special applications on request.



Number of bottom hook blocks:	.....	Hook no:	.....
Load capacity:	.....	Strength category (DIN 15 400):	.....
Power unit group:	.....	e1:	.....
Crane classification (DIN 15 018):	.....	e2:	.....
Stroke speed:	.....	e3:	.....
Rope reeving:	.....	e4:	.....
Rope -Ød1:	.....	en:	.....
Number of rope pulleys:	.....	v:	.....
Rope pulleys-Ø d:	.....	h1:	.....
Hook shape:	.....	H:	.....
☐ single hook	☐ double hook		
☐ lamellae - single hook	☐ lamellae - double hook		

Additional characteristics with motor drive:

Limit switch:	☐ yes ☐ no	Hook rotational speed	 r/min
Cable strain relief:	☐ yes ☐ no	Type of voltage	☐ AC ☐ DC
Heat protection:	☐ yes ☐ no	Operating voltage	 V
Incl. frequency conversion:	☐ yes ☐ no	Control voltage	 V
Shifting clutch for free rotation of the lifting hook:	☐ yes ☐ no	Frequency	 Hz
		if motor with brake:	
		Brake separately switched	☐ yes ☐ no
		Brake control voltage	 V

Standard equipment:

With spring operated safety catch
 With load plate
 With primary and finishing coat:
☐ RAL 1004, ☐ RAL 1007, RAL.....
 Marking RAL 9005 ☐ yes ☐ no
 Bottom hook block completely pre-finished
 and assembled

Characteristics:

Anomalous ambient temperature: ____ to ____ °C
☐ internal operation ☐ external operation

