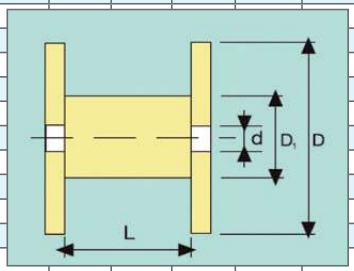
DRUMS AND THE DRUM CAPACITIES

DRUM TYPE	K4	K5	K6	K7	K8	K9	K10	K11	K12
Flange diameter mm, D	400	500	600	700	800	900	1 000	1 100	1 200
Barrel diameter mm,D1	175	200	250	325	375	425	500	575	675
Inner width, L	300	400	400	500	500	550	600	650	850
Barrel hole mm, d	75	75	75	75	75	75	75	104	104
Outer width, mm	330	430	468	580	580	630	712	762	982
Transp.vol. m³ without board	0,05	0,11	0,17	0,28	0,37	0,51	0,71	0,92	1,41
Transp.vol. m³ with board	0,07	0,13	0,20	0,33	0,42	0,57	0,79	1,01	1,54
Empty weight, kg	2	8	12	20	25	34	45	55	90

Ø mm	K4	K5	K6	K7	K8	K9	K10	K11	K12
3	2 496	5 908	8 583	14 047	17 357	25 058	31 212	40 001	55 050
3,5	1 846	4 364	6 363	10 258	12 914	18 368	22 874	29 113	40 350
4	1 446	3 296	4 797	7 869	9 803	13 800	17 340	22 242	31 294
4,5	1 098	2 522	3 786	6 338	7 738	11 137	13 582	17 625	24 596
5	899	2 155	3 154	5 077	6 274	8 922	11 236	14 279	19 841
6	624	1 419	2 072	3 427	4 339	6 111	7 803	10 000	13 714
7	456	1 050	1 591	2 492	3 229	4 460	5 685	7 093	10 087
8	336	824	1 199	1 888	2 360	3 336	4 335	5 432	7 641
9	275	631	947	1 514	1 917	2 784	3 370	4 292	5 988
10	225	539	754	1 218	1 568	2 159	2 809	3 570	4 960
11	178	399	639	1 039	1 246	1 761	2 284	2 946	4 061
12		332	490	805	1 072	1 511	1 879	2 414	3 284
13		311	407	689	930	1 226	1 636	2 125	2 884
14			391	579	796	1 065	1 405	1 701	2 501
15			327	559	690	911	1 248	1 484	2 179
16			278	472	590	790	1 069	1 278	1 910
17				392	496	758	928	1 235	1 656
18				372	471	646	796	1 073	1 417
19				312	401	541	759	921	1 343
20				305	392	530	659	879	1 154
21				239	314	451	624	739	1 112
22					305	440	533	724	937
23					247	411	519	619	897
24					239	341	435	604	762
25					242	345	422	506	747
26						280	409	492	710
27						270	333	477	589
28						259	321	390	574
29							309	376	560
30							312	362	545
31							246	348	438
32							235	289	425
33							237	277	411
34								279	414
35								266	400
36								268	309
37								255	297
38								204	299
39									287
40									288
41									276
42									278
43									202
44									203
45									193



DRUMS AND THE DRUM CAPACITIES

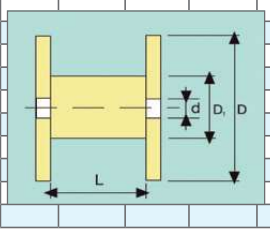
DRUM TYPE	K14	K16	K18	K20	K22	K24	K26	K28	K30
Flange diameter mm, D	1 400	1 600	1 800	2 000	2 200	2 400	2 600	2 800	3 000
Barrel diameter mm,D1	800	950	1 100	1 300	1 400	1 400	1 500	1 500	1 500
Inner width, L	850	850	850	1 000	1 000	1 000	1 200	1 350	1 500
Barrel hole mm, d	104	104	132	132	132	132	132	132	132
Outer width, mm	982	1 018	1 075	1 188	1 188	1 200	1 448	1 650	1 800
Transp.vol. m³ without board	1,92	2,61	3,48	4,75	5,75	6,91	9,79	12,94	16,20
Transp.vol. m³ with board	2,07	2,78	3,69	5,00	6,02	7,21	10,18	13,42	16,77
Empty weight, kg	115	195	230	340	410	450	900	1 180	1 500

Ø mm	K14	K16	K18	K20	K22	K24	K26	K28	K30
3	73 933	94 933	118 407	153 546	198 981	266 424	385 602	555 733	759 389
3,5	53 635	69 102	86 424	113 115	145 445	195 446	283 339	404 805	556 629
4	41 538	53 337	66 525	86 821	111 231	150 014	216 901	310 741	426 321
4,5	32 492	41 463	52 439	68 243	87 958	117 891	170 950	245 336	335 192
5	26 647	34 374	43 035	55 565	71 705	96 009	139 552	200 064	273 915
6	18 418	23 649	29 497	37 788	49 596	66 406	96 401	138 933	188 734
7	13 409	16 996	21 606	28 180	36 234	48 690	70 835	100 938	138 205
8	10 385	13 334	16 631	21 705	27 808	37 065	53 653	77 455	105 465
9	7 935	10 366	13 110	17 061	21 632	29 084	42 738	61 334	83 546
10	6 662	8 397	10 759	13 891	17 926	24 002	34 888	50 016	68 479
11	5 235	7 045	8 713	11 127	14 667	19 523	28 204	40 266	55 344
12	4 572	5 870	7 322	9 447	12 131	16 601	24 100	34 116	46 629
13	3 799	4 939	6 223	7 883	10 291	13 868	20 467	28 635	39 834
14	3 325	4 076	5 200	7 045	8 830	12 173	17 281	24 839	34 077
15	2 926	3 602	4 627	5 857	7 888	10 561	15 302	22 229	29 843
16	2 596	3 211	4 158	5 203	6 697	9 192	13 413	19 017	25 813
17	2 282	2 838	3 707	4 581	5 962	7 903	11 626	16 871	23 310
18	1 984	2 483	3 277	4 067	5 359	7 205	10 604	15 024	20 887
19	1 704	2 150	2 870	3 580	4 783	6 531	9 286	13 845	18 559
20	1 646	2 074	2 548	3 473	4 321	6 001	8 493	12 135	16 786
21	1 424	1 812	2 242	3 018	3 796	5 372	7 725	11 215	14 866
22	1 217	1 738	2 150	2 652	3 667	4 881	6 986	9 816	13 836
23	1 164	1 496	1 867	2 553	3 255	4 409	6 401	8 969	12 826
24	1 143	1 468	1 830	2 215	2 865	3 957	5 835	8 299	11 291
25	985	1 281	1 615	2 176	2 817	3 617	5 290	7 647	10 532
26	935	1 216	1 532	1 861	2 451	3 467	5 117	6 881	9 620
27	791	1 045	1 334	1 824	2 404	3 146	4 601	6 815	8 903
28	772	1 019	1 300	1 736	2 065	3 000	4 110	6 210	8 207
29	752	992	1 266	1 500	2 019	2 699	4 046	5 629	7 982
30	731	837	1 084	1 464	1 972	2 640	3 674	5 557	7 461
31	604	813	1 052	1 428	1 718	2 355	3 517	5 002	6 808
32	585	788	1 020	1 212	1 674	2 298	3 168	4 583	6 182
33	567	762	857	1 179	1 630	2 030	3 105	4 401	6 104
34	570	653	862	1 145	1 398	1 976	2 775	4 005	5 633
35	457	630	832	1 111	1 357	1 920	2 713	3 933	5 425
36	440	608	802	921	1 315	1 675	2 651	3 555	4 978
37	424	585	657	925	1 150	1 685	2 344	3 484	4 897
38	426	488	661	895	1 113	1 633	2 285	3 412	4 468
39	409	468	634	864	1 075	1 405	2 225	3 058	4 388
40	411	471	637	868	1 080	1 413	2 010	2 988	3 978
41	316	451	610	699	1 042	1 364	1 954	2 656	3 899
42	317	453	509	673	856	1 314	1 897	2 673	3 511
43	303	432	486	675	860	1 162	1 636	2 605	3 435
44	304	435	488	648	826	1 117	1 645	2 292	3 459
45	290	332	465	651	829	1 122	1 592	2 306	3 090
46	291	333	467	624	795	1 077	1 600	2 242	3 016
47	292	335	469	506	798	937	1 546	2 178	2 941
48	278	318	445	484	636	896	1 365	1 961	2 688
49	213	319	359	485	638	900	1 316	1 902	2 617
50	214	320	360	487	641	904	1 323	1 912	2 633

DRUMS AND THE DRUM CAPACITIES

DRUM TYPE	K14	K16	K18	K20	K22	K24	K26	K28	K30
Flange diameter mm, D	1 400	1 600	1 800	2 000	2 200	2 400	2 600	2 800	3 000
Barrel diameter mm, D1	800	950	1 100	1 300	1 400	1 400	1 500	1 500	1 500
Inner width, L	850	850	850	1 000	1 000	1 000	1 200	1 350	1 500
Barrel hole mm, d	104	104	132	132	132	132	132	132	132
Outer width, mm	982	1 018	1 075	1 188	1 188	1 200	1 448	1 650	1 800
Transp.vol. m³ without board	1,92	2,61	3,48	4,75	5,75	6,91	9,79	12,94	16,20
Transp.vol. m³ with board	2,07	2,78	3,69	5,00	6,02	7,21	10,18	13,42	16,77
Empty weight, kg	115	195	230	340	410	450	900	1 180	1 500

Ømm	K14	K16	K18	K20	K22	K24	K26	K28	K30
51	202	303	340	464	611	863	1 273	1 851	2 561
52	203	304	342	465	613	867	1 279	1 586	2 241
53	203	305	343	442	583	701	1 063	1 594	2 254
54		220	323	444	585	703	1 068	1 601	2 185
55		220	324	445	587	706	1 023	1 545	2 197
56		221	325	422	448	670	1 028	1 552	1 900
57		207	304	326	450	672	1 032	1 495	1 910
58		208	306	327	451	675	987	1 314	1 846
59		209	235	309	426	638	841	1 263	1 856
60		209	236	309	427	640	844	1 268	1 865
61		195	219	310	428	532	805	1 274	1 590
62		196	220	311	430	534	808	1 221	1 598
63		196	221	292	404	502	811	1 227	1 538
64			221	293	405	504	771	1 061	1 546
65			222	294	406	506	773	1 015	1 553
66			206	295	407	508	776	1 019	1 492
67			206	276	293	475	736	1 023	1 499
68			207	276	294	477	611	976	1 313
69			207	277	295	478	613	979	1 259
70			208	278	295	480	615	983	1 264
71			191	200	296	386	581	987	1 269
72			192	186	276	359	582	793	1 214
73			137	186	276	360	584	796	1 219
74				186	277	361	586	798	1 224
75				187	278	362	588	801	1 055
76				187	278	363	553	759	1 006
77				173	257	336	554	762	1 010
78				173	258	337	556	765	1 014
79				174	259	338	446	767	964
80				174	259	339	447	724	968
81				174	260	340	419	727	971
82				175	260	341	420	600	975
83				175	186	342	421	602	978
84				161	171	314	422	604	780
85				161	171	240	423	568	783
86				161	172	241	394	570	785
87					172	242	395	571	788
88					172	242	396	573	791
89					173	243	397	575	747
90					173	243	398	577	749
91					158	222	399	540	752
92					158	222	400	541	754
93					158	223	370	543	756
94							371	544	711
95							283	546	714
96							284	435	587
97							285	405	588
98							285	406	590
99							286	407	592
100							286	408	593



CPR REACTION TO FIRE REQUIREMENTS EN 50575

Classes according to SFS-EN 13501-6

Class	Test method(s)	Classification criteria	Additional classification
A_{ca}	EN ISO 1716	PCS ≤ 2,0 MJ/kg[1]	
$B1_{ca}$	FIPEC$_{20}$ Scen 2 *ja*	FS ≤ 1.75 m *ja* THR$_{1200s}$ ≤ 10 MJ *ja* Huippu-HRR ≤ 20 kW *ja* FIGRA ≤ 120 Ws^{-1}	Smoke production ([2,5]) and Flaming droplets/ particles ([3]) and Acidity ([4, 7])
	EN 60332-1-2	H ≤ 425 mm	
$B2_{ca}$	FIPEC$_{20}$ Scen 1 *ja*	FS ≤ 1.5 m *ja* THR$_{1200s}$ ≤ 15 MJ *ja* Huippu-HRR ≤ 30 kW *ja* FIGRA ≤ 150 Ws^{-1}	Smoke production ([2,5]) and Flaming droplets/ particles ([3]) and Acidity ([4, 7])
	EN 60332-1-2	H ≤ 425 mm	
C_{ca}	FIPEC$_{20}$ Scen 1 *ja*	FS ≤ 2.0 m *ja* THR$_{1200s}$ ≤ 30 MJ *and* Huippu-HRR ≤ 60 kW *ja* FIGRA ≤ 300 Ws^{-1}	Smoke production ([2,6]) and Flaming droplets/ particles ([3]) and Acidity ([4, 7])
	EN 60332-1-2	H ≤ 425 mm	
D_{ca}	FIPEC$_{20}$ Scen 1 *ja*	THR$_{1200s}$ ≤ 70 MJ; *and* Peak HRR ≤ 400 kW; *and* FIGRA ≤ 1300 Ws^{-1}	Smoke production ([2,6]) and Flaming droplets/ particles ([3]) and Acidity ([4, 7])
	EN 60332-1-2	H ≤ 425 mm	
E_{ca}	EN 60332-1-2	H ≤ 425 mm	
F_{ca}	No performance determined		

EXPLANATIONS FOR ABBREVIATION:

PCS gross calorific potential [MJ/kg]
Fs vertical flame spread [mm] equals the damaged length of the sample
THR1200s total heat release (HRRsm30) from test start until end of test, excluded contribution from ignition source [MJ]
peak HRR maximum heat release rate (HRRsm30) between test start and end of test, excluding contribution from ignition source [kW]
FIGRA fire growth rate index used for classification purposes
H vertical flame spread [m] as defined in EN 60332-1-2
Explanations of the additional categories used for main classes $B1_{ca}$, $B2_{ca}$, C_{ca}, D_{ca}

SMOKE DENSITY
s1 the cable can release a very limited amount of smoke s2 the cable can release limited amount of smoke
s3 there are no requirements for releasing of smoke, but it shall be tested

FLAMING DROPLETS
d0 the cable can't release any flaming droplets at all
d1 the cable can release a limited amount of flaming droplets
d2 there are no requirements for releasing flaming droplets, but it shall be tested.

ACIDITY
a1 the cable can release a very limited amount of acid and corrosive gases a2 the cable can release limited amount of acid and corrosive gases
a3 there are no requirements for releasing acid and corrosive gases, but it shall be tested

Main classes E_{ca} and F_{ca} do not have additional categories.