

Minimale benodigde wandstijfheid en momentcapaciteit

Versie 1.0 d.d. 10-01-2024



Buis afmetingen (mm)		Minimale benodigde wandstijfheid (EI)					Minimale benodigde momentcapaciteit (Mcap)				
Buis B (DN)	Buis H (DN)	Klasse 1	Klasse 2	Klasse 3	Klasse 4	Klasse 5	Klasse 1	Klasse 2	Klasse 3	Klasse 4	Klasse 5
200	200	1.432	2.797	4.834	7.676	11.458	16	24	35	48	63
250	250	2.731	6.884	13.942	24.676	39.856	24	44	71	104	143
300	300	5.030	12.323	24.546	42.970	68.871	36	66	104	151	207
315	315	5.231	12.430	24.313	42.053	66.825	37	66	103	149	203
380	380	10.138	22.260	41.488	69.458	107.809	58	97	147	208	279
400	400	11.458	23.823	42.887	70.101	106.915	63	102	151	209	277
500	500	22.921	48.776	89.126	147.196	226.212	99	164	245	343	457
600	600	38.672	75.531	130.518	207.257	309.375	141	220	316	431	563
700	700	60.363	122.414	216.845	350.456	530.044	189	303	444	611	805
750	750	78.593	158.207	278.895	449.198	677.662	226	360	525	721	949
800	800	88.944	187.244	339.793	558.513	855.324	245	402	599	834	1.108
900	900	125.366	269.461	495.499	821.929	1.267.200	308	513	770	1.079	1.440
1000	1000	170.579	365.441	670.598	1.110.790	1.710.753	378	629	942	1.319	1.759
1250	1250	303.229	627.502	1.126.255	1.837.049	2.797.445	555	901	1.331	1.845	2.441
1500	1500	561.778	1.184.370	2.151.291	3.538.334	5.421.295	837	1.377	2.049	2.855	3.795
250	375	18.826	22.986	27.717	33.057	39.041	87	99	113	127	142
300	450	32.809	39.938	48.031	57.151	67.357	126	144	162	182	204
350	525	49.401	63.868	80.915	100.750	123.560	145	180	210	235	270
400	600	73.733	95.324	120.765	150.372	184.461	216	257	300	348	398
500	750	135.808	170.827	211.401	257.939	310.851	325	379	436	498	564
600	900	220.560	283.052	356.357	441.336	538.854	449	530	618	713	814
700	1050	334.791	435.574	554.790	693.987	854.713	593	707	830	964	1.108
800	1200	474.624	627.443	809.978	1.024.869	1.274.758	748	901	1.069	1.250	1.446
900	1350	648.806	822.763	1.025.327	1.258.676	1.524.988	922	1.080	1.250	1.434	1.629
1000	1500	885.830	1.130.292	1.416.039	1.746.292	2.124.273	1.134	1.334	1.551	1.783	2.032