



Diameter	764½ mm
Height	721 mm
Weight without canons	343 kg
fD-value	200.1 m/s

proper name partial	physical notation	frequency (Hz)	tone ( $a^1 = 440$ Hz) (deviations in cents)
hum note	I-2	261.7197	$c^1+0$
fundamental	II-2	523.5677	$c^2+1$
major third	I-3	659.2149	$e^2-1$
fifth	II-3	783.945	$g^2-1$
first eleventh	III-2	912.598	$bes^2-38$
nominal	I-4	1046.4355	$c^3-1$
second eleventh	III-3	1123.5573	$cis^3+22$
major tenth	II-4	1361.0153	$e^3+54$
twelfth	I-5	1567.8817	$g^3-1$
double octave	I-6	2180.8976	$c^4+71$

Co-ordinates of the major third-bell 2006	
<u>outside</u> r, h (m)	<u>inside</u> r, h, (m)
0.382250,0.000000	0.382250,0.000000
0.382363,0.000122	0.382137,-0.000122
0.379446,0.023277	0.358549,0.001979
0.373286,0.042075	0.338976,0.009220
0.364367,0.057586	0.323017,0.020565
0.353246,0.070840	0.310211,0.035013
0.340561,0.082810	0.300016,0.051613
0.327047,0.094388	0.291799,0.069490
0.313546,0.106353	0.284825,0.087870
0.301010,0.119334	0.278249,0.106108
0.290290,0.133606	0.271400,0.123946
0.281511,0.148976	0.264568,0.141681
0.274606,0.165182	0.258284,0.159606
0.269451,0.181971	0.253088,0.177910
0.265916,0.199177	0.249372,0.196572
0.264043,0.216675	0.247074,0.215433
0.263876,0.234300	0.246006,0.234382
0.265422,0.251884	0.245953,0.253359
0.268479,0.269488	0.246616,0.272186
0.272403,0.287207	0.247615,0.290768
0.276561,0.305166	0.248664,0.309061
0.280335,0.323565	0.249513,0.326967
0.282976,0.342881	0.249760,0.344167
0.283188,0.363543	0.248655,0.360082
0.279770,0.384244	0.245559,0.375344
0.273385,0.403599	0.240520,0.390756
0.265350,0.421305	0.233970,0.406616
0.256898,0.437716	0.226616,0.423222
0.248746,0.453631	0.219331,0.440500
0.241338,0.469478	0.212627,0.458423
0.235124,0.485477	0.206937,0.477022
0.230513,0.501778	0.202670,0.496213
0.227587,0.518625	0.200015,0.515538
0.226109,0.535885	0.198758,0.534779
0.225825,0.553389	0.198667,0.553876
0.226369,0.571367	0.199383,0.572510

0.226932,0.590032	0.200048,0.590463
0.226465,0.609479	0.199753,0.607633
0.223428,0.629781	0.197515,0.623512
0.215434,0.650225	0.192387,0.637093
0.201257,0.667551	0.183567,0.648021
0.184009,0.679724	0.171068,0.657054
0.165757,0.688214	0.156225,0.664305
0.147315,0.694270	0.140160,0.670089
0.128743,0.698745	0.123235,0.674859
0.110314,0.702190	0.105857,0.678909
0.092431,0.721006	0.088118,0.682488
0.075368,0.721006	0.070211,0.685749
0.057399,0.721006	0.052135,0.688843
0.039478,0.721006	0.033935,0.691907
0.020623,0.721006	0.015608,0.692864
0.000000,0.721006	0.000000,0.692864

Designed and calculated by Dr. André Lehr.  
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