

BLAGOVEST BELLS SPECIFICATIONS 2016, ALL FOUNDRIES

Vera LLC, Voronezh



Cat. No.	Oct. No.	Hum tone	Bell Weight		Diam. At Lip	
			kg	lb	cm	in
1	3rd	D	3.0	6.6	16.0	6.3
2	2nd	A#	5.0	11.0	19.0	7.5
3	2nd	G#	7.0	15.4	22.2	8.7
4	2nd	G	10.0	22.0	24.5	9.6
5	2nd	F	15.0	33.0	27.5	10.8
6	2nd	E	18.0	39.6	28.7	11.3
7	2nd	D	24.5	54.0	32.4	12.8
8	2nd	C	36.0	79.3	36.2	14.3
9	1st	A#	42.0	92.5	40.8	16.1
10	1st	G	60.0	132.2	45.7	18.0
11	1st	E	100.0	220.3	53.5	21.1
12	1st	D	150.0	330.4	61.5	24.2
13	1st	C#	170.0	374.4	63.7	25.1
14	1st	C	230.0	506.6	70.1	27.6
15	-1st	B	290.0	638.8	75.3	29.6
16	-1st	A	400.0	881.1	84.6	33.3
17	-1st	G	500.0	1,101	90.2	35.5
18	-1st	F	700.0	1,542	104	40.9
19	-1st	E	850.0	1,872	109	42.9
20	-1st	D	1,300.0	2,863	124	48.8
21	-1st	C	1,850.0	4,075	141	55.5
22	-2nd	B	2,000.0	4,405	147	57.9
23	-2nd	A	3,000.0	6,608	163	64.2
24	-2nd	G	4,200.0	9,251	183	72.0

Vera bells are made matted or polished, as requested. Every bell of 60kg and smaller is decorated with an icon medallion, while bells of 100 kg and larger (of up to 80 tons) – with custom icons and inscriptions.

Notes (all foundries):

1. Bells are characterized here with their hum or under tones, which are about 1 octave lower than strike tones.
2. Octaves are assigned here with their numbers in relation to the 1st or One-Line Octave which begins with the "Middle C" or "Do" or "C₄" note of 261.63 Hz, as it is defined by the Acoustical Society of America System. Positive numbers are for octaves above "Middle C", and negatives– for octaves under "Middle C".
3. Weight of each bell is given as its nominal weight without clapper and decor, which are weighing (3.5-4.5)% and up to 9% of the nominal weight, respectively.
4. The size of the bells is given with diameters of their outer bottom circles (D). The height of the bell (together with its crown) is ~1.1 D. The clapper goes below the bottom of the bell for ~0.15 D.
5. All decorations are free unless new icon molds are requested.



Pyatkov & Co., Kamensk-Uralskij



No.	oct.	tone	kg	lb	cm	in	USD
1	3rd	C - C#	6	13.2	19.5	7.7	\$838
2	2nd	A - A#	9	19.8	23.5	9.3	\$1,131
3	2nd	F - F#	15	33.0	27.5	10.8	\$1,739
4	2nd	D# - E	20	44.1	30.5	12.0	\$2,220
5	2nd	C - C#	36	79.3	37.5	14.8	\$3,369
6	1st	B	40	88.1	40.5	15.9	\$3,910
7	1st	G#	86	189.4	51.5	20.3	\$7,206
8	1st	F#	132	290.7	59.0	23.2	\$10,323
9	1st	F	156	343.6	63.0	24.8	\$11,784
10	1st	C#	326	718.1	82.0	32.3	\$21,852
11	-1st	G	660	1,454	103	40.6	TBO
12	-1st	E	1140	2,511	121	47.6	TBO
13	-1st	C#	2500	5,507	160	63.0	TBO
14	-1st	C	3000	6,608	170	66.9	TBO
15	-2nd	A#	4800	10,573	200	78.7	TBO

Pyatkov & Co. bells are made matted. Every bell of 90 kg and larger (of up to 18 tons) is decorated with custom icons and inscriptions.

Litex, Moscow



No.	oct.	tone	kg	lb	cm	in	USD
1	3rd	E	4	8.8	18	7.1	\$49
2	3rd	D _b	6	13.2	20	8.0	\$85
3	2nd	B	8	17.6	22	8.7	\$108
4	2nd	A _b	12	26.4	27	10.6	\$168
5	2nd	E	18	39.6	30	11.8	\$233
6	2nd	D	29	63.9	35	13.7	\$333
7	2nd	D _b	35	77.1	37	14.5	\$384
8	1st	B	56	123	42	16.5	\$584
9	1st	A	80	176	48	18.9	\$755
10	1st	G _b	140	308	59	23.2	\$1,029
11	1st	E _b	270	595	72	28.3	\$1,946
12	-1st	A	450	991	91	35.9	\$3,016
13*	-1st	B _b	700	1,542	99	39.0	TBO
14	-1st	E	820	1,806	114	44.9	TBO
15*	-1st	F	1,280	2,819	126	49.6	TBO
16	-2nd	C	1,700	3,744	144	56.7	TBO
17	-2nd	B _b	2,000	4,405	156	61.4	TBO
18	-2nd	A _b	3,500	7,709	181	71.3	TBO
19	-2nd	G _b	4,500	9,912	197	77.6	TBO

Litex bells are made part-polished. Every bell is decorated with an icon medallion, while bells of 56 kg and larger (of up to 12 tons) – with custom icons and inscriptions. [*] Bells of heavier (Olovyanishnikov) profile.

