

## Driver specifications, mid/woofers

Latest update: August 1, 2017

Model no.	Nom. size	Nom. imp.	Freq. range	Sensitivity	VC. diam.	X <sub>max</sub>	S <sub>d</sub>	F <sub>s</sub>	M <sub>ms</sub>	Bxl	Q <sub>ms</sub>	Q <sub>es</sub>	Q <sub>ts</sub>	V <sub>as</sub>	R <sub>DC</sub>
	[inch.]	[ohm]	[kHz]	[dB@2.83V/1m]	[mm]	[mm]	[cm <sup>2</sup> ]	[Hz]	[g]	[N/A]	[-]	[-]	[-]	[lit.]	[ohm]
WF090WA01	3½	4	to 5k	86.5	22	±2.75	36	115	3.45	2.9	6.4	0.92	0.81	1.02	3.1
WF090WA02	3½	8	to 5k	84	22	±2.75	36	117	3.35	3.5	6.3	1.11	0.94	1.02	5.5
WF118WA01	4½	4	to 4k	89	32	±3	55	64	6.2	4.6	8.8	0.38	0.36	4.3	3.2
WF118WA02	4½	8	to 4k	86	32	±3	55	65	6.0	5.8	8.8	0.46	0.44	4.3	6.3
WF118WA05	4½	4	to 4k	87.5	32	±3	54	65	7.1	4.3	7.5	0.49	0.46	3.5	3.2
WF118WA06	4½	8	to 4k	84.5	32	±3	54	66	6.9	5.6	7.4	0.59	0.55	3.5	6.5
WF118WA07	4½	4	to 3k	87	26	±4	54	56	6.9	4.5	7.8	0.38	0.36	4.9	3.2
WF118WA08	4½	8	to 3k	84	26	±4	54	58	6.5	5.8	7.6	0.45	0.42	4.9	6.4
WF120BD03 / -07	4¾	4	to 4k	88.5	26	±4	54	70	6.55	4.5	5.9	0.46	0.42	3.25	3.2
WF120BD04 / -08	4¾	8	to 4k	86	26	±4	54	71.5	6.25	5.5	5.7	0.56	0.51	3.25	6.0
WF120BD05 / -09	4¾	4	to 3.5k	87	32	±4	54	52	7.3	4.1	7.9	0.45	0.43	5.3	3.2
WF120BD06 / -10	4¾	8	to 3.5k	84	32	±4	54	54	6.7	5.2	7.6	0.54	0.50	5.3	6.4
WF146WA01	5¾	4	to 3.5k	90	32	±3	95	56	10.4	5.1	7.0	0.45	0.42	10.0	3.2
WF146WA02	5¾	8	to 3.5k	87.5	32	±3	95	58	9.7	6.4	7.0	0.54	0.51	10.0	6.3
WF146WA05	5¾	4	to 3.5k	88.5	32	±3	93	41	12.5	5.0	8.2	0.41	0.39	15.0	3.2
WF146WA06	5¾	8	to 3.5k	85.5	32	±3	93	42	11.9	6.4	8.0	0.50	0.47	15.0	6.5
WF152BD03	6	4	to 3.5k	91	32	±4.5	93	55.5	11.0	5.8	8.9	0.36	0.35	9.2	3.2
WF152BD04	6	8	to 3.5k	88.5	32	±4.5	93	56.5	10.6	7.3	8.7	0.44	0.42	9.2	6.3
WF152BD05	6	4	to 3k	90	32	±4.5	93	50	13.5	6.35	10.3	0.34	0.33	9.2	3.2
WF152BD06	6	8	to 3k	87	32	±4.5	93	51.5	12.8	8.0	10.1	0.41	0.39	9.2	6.3
WF168WA01	6½	4	to 3k	91.5	32	±3	139	47.5	12.5	5.1	7.0	0.46	0.43	24.6	3.2
WF168WA02	6½	8	to 3k	89	32	±3	139	49	11.8	6.4	7.1	0.56	0.52	24.6	6.3
WF168WA05	6½	4	to 3k	91	32	±3	131	40	14.0	5.0	7.2	0.45	0.42	27.7	3.2
WF168WA06	6½	8	to 3k	88	32	±3	131	41	13.4	6.4	7.0	0.54	0.50	27.7	6.4
WF182BD03 / -07	7	4	to 2.5k	91	39	±5.5	131	39	16.7	6.75	11	0.30	0.29	24.4	3.3
WF182BD04 / -08	7	8	to 2.5k	88	39	±5.5	131	40	16.1	8.5	10.9	0.35	0.34	24.4	6.3
WF182BD09 / -11	7	4	to 2.5k	90	39	±5.5	131	33	23.4	6.5	10.9	0.37	0.35	24.3	3.2
WF182BD10 / -12	7	8	to 2.5k	87	39	±5.5	131	34	21.9	8.2	10.5	0.44	0.42	24.3	6.4
WF223BD01	8¾	4	to 2k	89.5	39	±6.5	213	32.6	34	7.7	14.5	0.40	0.39	45	3.4
WF223BD02	8¾	8	to 2k	86.5	39	±6.5	213	33.1	33	9.5	14.3	0.47	0.46	45	6.2
WF259PA01	10¾	8	to 1.5k	94	76	±4.5	370	55	56	17	12	0.38	0.37	29	5.65

All specifications are measured at 25 °C (77 °F) and are before burn-in.