

## Driver specifications, subwoofers

Latest update: August 15, 2019

Photo no. <i>(opposite page)</i>	Product Part 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]	[Hz]	[dB@2.83V/1m]	[mm]	[mm]	[cm <sup>2</sup> ]	[Hz]	[g]	[N/A]	[-]	[-]	[-]	[lit.]	[ohm]
S1	SW070WA01	2¾	4	to 4,000	84.5	26	±2.5	22	84	3.65	3.85	6.4	0.42	0.39	0.68	3.2
S1	SW070WA02	2¾	8	to 4,000	81	26	±2.5	22	87	3.4	4.75	6.2	0.53	0.49	0.68	6.4
S2	SW084OM01	3¾	4	to 2,000	86	26	±4.5	33.5	74	4.35	3.56	9.2	0.46	0.44	1.7	2.9
S2	SW084OM02	3¾	8	to 2,000	83	26	±4.5	33.5	77	4.05	4.58	8.8	0.57	0.53	1.7	6.1
S3	SW118WA01	4½	4	to 1,200	86	26	±4	49	58	7.9	4.7	8.4	0.41	0.39	3.3	3.2
S3	SW118WA02	4½	8	to 1,200	83.5	26	±4	49	60	7.3	5.9	8.1	0.50	0.47	3.3	6.3
S4	SW146WA01	5¾	4	to 500	88	32	±6	85	51	18.3	5.9	9.5	0.50	0.48	5.5	3.0
S4	SW146WA02	5¾	8	to 500	85	32	±6	85	54	16.2	7.8	9.0	0.57	0.53	5.5	6.3
S5	SW168WA01	6½	4	to 500	88.5	32	±7	127	43	32.5	7.5	10.2	0.47	0.45	9.6	3.0
S6	SW178WA01	7	8	to 600	85	39	±5	131	36	35	11.7	17.6	0.38	0.37	13.6	6.5
-	PR178WA01	7	passive	-	-	-	-	131	19.9-26	50-85	-	24	-	-	17	-
S7	SW182BD03	7	4	to 600	84	39	±7	131	35.1	39.5	7.6	13.3	0.45	0.44	12.7	3.0
S7	SW182BD04	7	8	to 600	81.5	39	±7	131	37.2	35.2	10.2	12.6	0.51	0.49	12.7	6.4
-	PR182BD02	7	passive	-	-	-	-	131	36.2	37	-	32.5	-	-	12.7	-
S8	SW215WA01	8¾	4	to 500	88.5	39	±10	206	33	53	8.45	11	0.51	0.49	26	3.3
S8	SW215WA02	8¾	8	to 500	86	39	±10	206	35	49	11.4	10.7	0.52	0.49	26	6.3
S9	SW223BD02	8¾	4	to 1,000	83	51	±10.7	206	24	97	11.0	10.7	0.42	0.40	28	3.5
S9	SW223BD03	8¾	8	to 1,000	81	51	±10.7	206	23	89	13.1	10.2	0.48	0.46	28	6.0
-	PR223BD02	8¾	passive	-	-	-	-	206	8.5-15	162-512	-	19	-	-	41.6	-
S11	SW259WA01	10¾	4	to 400	83.5	51	±11.5	312	29	173	14.5	10.0	0.49	0.46	25	6.3
S11	SW259WA02	10¾	8	to 400	81.5	51	±11.5	312	24	158	18.6	14.2	0.44	0.43	40	3.4
-	PR259WA01	10¾	passive	-	-	-	-	312	11.9-18.1	266-616	-	26	-	-	40	-
S10	SW270WA01	10½	4	to 400	88	51	±11	312	28	88	9.7	8.1	0.53	0.49	51	3.2
-	PR270WA01	10½	passive	-	-	-	-	312	16.3-26	112-287	-	24	-	-	46	-
S12	SW275BD01	10¾	4	to 400	86	64	±16	314	30.8	121	12.1	12.7	0.59	0.57	31	3.7
S12	SW275BD02	10¾	8	to 400	83	64	±16	314	31.6	115	15.2	12.4	0.70	0.67	31	7.1
-	PR275BD01	10¾	passive	-	-	-	-	314	11.6-19.5	190-540	-	19.0	-	-	49	-
S13	SW280WA01	11	4	to 400	86	39	±6	335	26	138	13.4	6.0	0.43	0.40	43	3.4
S14	SW280WA03	11	4	to 300	90.5	39	±6	320	39	87	12.6	11.6	0.46	0.44	27.6	3.4
S15/16	SW312WA03/05	12¾	4	to 300	90	51	±11.5	488	28	185	14.5	11.5	0.50	0.48	61	3.2
S15/16	SW312WA04/06	12¾	8	to 300	87	51	±11.5	488	29	172	18.4	11.0	0.60	0.57	61	6.6
-	PR312WA02/03	12¾	passive	-	-	-	-	488	12.2-18.4	278-628	-	27	-	-	91	-

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