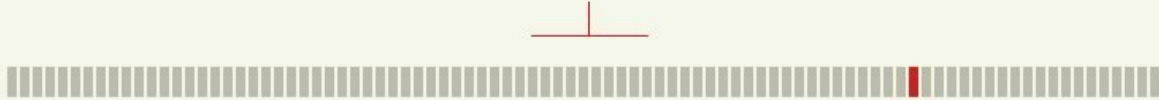


Designs Comparison Table

Surround Shape	Cone Shape	Magnet type	Demodulating Ring	Shorting Copper Cap	Spider	Ventilation V.C. Gap	Pole Design	Waterproof
Model number								
6MD38	Triple Roll	Exponential	Ceramic Ring		Single		T-Pole	
8PE21	Triple Roll	Exponential	Ceramic Ring		Single		Straight Pole	
8PS21	Double Roll	Exponential	Ceramic Ring	Yes	Single		Straight Pole	
10PS26	Double Roll	Exponential	Ceramic Ring	Yes	Single		T-Pole	
10MD26	Double Roll	Exponential	Ceramic Ring		Single		T-Pole	
12TBX100	Triple Roll	Radial	Ceramic Ring	Yes	Double Silicone	Yes	T-Pole	TWP
12PE32	Triple Roll	Exponential	Ceramic Ring		Single		Straight Pole	
12PLB76	Double Roll	Exponential	Ceramic Ring		Single		T-Pole	
12PS100	Triple Roll	Radial	Ceramic Ring		Double Silicone		T-Pole	TWP
15TBX100	Triple Roll	Radial	Ceramic Ring	Yes	Double Silicone	Yes	T-Pole	TWP
15PLB76	Triple Roll	Exponential	Ceramic Ring		Single		T-Pole	
15PS76	Triple Roll	Exponential	Ceramic Ring		Double Silicone		T-Pole	
15PS100	Triple Roll	Radial	Ceramic Ring		Double Silicone		T-Pole	TWP
15PL100	Triple Roll	Exponential	Ceramic Ring		Double Silicone		T-Pole	
15PZB100	Double Roll	Exponential	Ceramic Ring		Double Silicone		Straight Pole	
18PS76	Triple Roll	Exponential	Ceramic Ring		Double Silicone		Straight Pole	
18PS100	Triple Roll	Radial	Ceramic Ring		Double Silicone		T-Pole	
18PZB100	Double Roll	Exponential	Ceramic Ring		Double Silicone		Straight Pole	
18TBX100	Triple Roll	Radial	Ceramic Ring	Yes	Double Silicone	Yes	T-Pole	TWP
6MDN44	Triple Roll	Exponential	Neodymium Ring	Yes	Single	Yes	T-Pole	WP
6NDL38	Roll	Exponential	Neodymium Ring	Yes	Single		T-Pole	WP
8NDL51	Double Roll	Exponential	Neodymium Inside Slug		Single	Yes	Straight Pole	TWP
8NW51	Double Roll	Exponential	Neodymium Ring		Single	Yes	T-Pole	TWP
10HPL64	Double Roll	Exponential	Neodymium Inside Slug		Single		Straight Pole	
10NDL64	Double Roll	Exponential	Neodymium Inside Slug		Single	Yes	Straight Pole	TWP
10NW64	Double Roll	Exponential	Neodymium Inside Slug		Single	Yes	Straight Pole	TWP
12HPL64	Triple Roll	Exponential	Neodymium Inside Slug		Single		Straight Pole	
12NDL76	Double Roll	Exponential	Neodymium Inside Slug		Single	Yes	Straight Pole	WP
12NW76	Triple Roll	Exponential	Neodymium Ring	Yes	Single	Yes	T-Pole	TWP
12NW100	Triple Roll	Exponential	Neodymium Inside Slug		Double Silicone	Yes	T-Pole	TWP
12HPL76	Double Roll	Exponential	Neodymium Inside Slug		Single	Yes	Straight Pole	
15NW100	Triple Roll	Radial	Neodymium Inside Slug		Double Silicone	Yes	T-Pole	TWP

Designs **Comparison Table**

15NDL76	Triple Roll	Exponential	Neodymium Inside Slug		Single	Yes	Straight Pole	TWP
15NW76	Triple Roll	Exponential	Neodymium Ring	Yes	Double Silicone	Yes	T-Pole	TWP
18NW100	Triple Roll	Radial	Neodymium Inside Slug		Double Silicone	Yes	T-Pole	TWP
21SW150	Triple Roll	Radial	Neodymium Ring	Yes	Double Silicone	Yes	T-Pole	TWP



Specifications Comparison Table

	Nominal Diameter	Nominal Impedance	Minimum Impedance	Nominal Power Handling	Continuous Power Handling	Sensitivity (1W/1m)	Frequency Range	Voice Coil Diameter	Winding Material	Former Material	Winding Depth	Magnetic Gap Depth	Flux Density
Model number	mm (in)	Ohm	Ohm	W	W	dB	Hz	mm (in)			mm (in)	mm (in)	T
6MD38	170 (6.5)	8	6.5	120	240	96	150 - 6000	38 (1.5)	Aluminium	Glass Fibre	9 (0.35)	6 (0.25)	1.4
8PE21	200 (8)	8	7.2	200	400	98	90 - 5000	50 (2)	Copper	Kapton	9.5 (3/8)	8 (5/16)	1.25
8PS21	200 (8)	8	7	200	400	94	70 -3000	50 (2)	Copper	Kapton	16 (5/8)	8 (5/16)	1.1
10MD26	250 (10)	8	7.2	350	700	100	80 - 4000	76 (3)	Aluminium	Glass Fibre	11(7/16)	8 (5/16)	1.45
10PS26	250 (10)	8	7.1	350	700	96	55 - 4000	76 (3)	Aluminium	Glass Fibre	18 (0.71)	10 (0.4)	0.9
12PE32	320 (12)	8	6.7	250	500	101.5	50 - 4000	65 (2.5)	Aluminium	Glass Fibre	12 (1/2)	7 (9/32)	1.4
12TBX100	320 (12)	8	6.3	1000	2000	95	45 - 1500	100 (4)	Copper	Glass Fibre	25 (1)	12 (1/2)	1.1
12PLB76	320 (12)	8	6.4	350	700	98.5	50 - 2000	76 (3)	Aluminium	Glass Fibre	16 (5/8)	10.5 (0.4)	1.05
12PS100	320 (12)	8	6.7	700	1400	93	45 - 1000	100 (4)	Copper	Glass Fibre	21 (0.83)	10.5 (0.4)	1.05
15PL100	380 (15)	8	6.8	700	1400	97	35 - 2000	100 (4)	Copper	Glass Fibre	21 (0.83)	10.5 (0.4)	1.15
15PS100	380 (15)	8	6.5	700	1400	94.5	35 - 1000	100 (4)	Copper	Glass Fibre	21 (0.83)	10.5 (0.4)	1.05
15PS76	380 (15)	8	6.3	550	1100	99	40 - 2000	76 (3)	Copper	Glass Fibre	19 (3/4)	10.5 (0.4)	1.15
15PZB100	380 (15)	8	6.4	700	1400	97	40 - 2000	100 (4)	Copper	Glass Fibre	21 (0.83)	9 (0.35)	1.15
15TBX100	380 (15)	8	6.2	1000	2000	96	35 - 1500	100 (4)	Copper	Glass Fibre	25 (1)	12 (1/2)	1.1
15PLB76	380 (15)	8	6.2	400	800	100	40 - 2000	76 (3)	Copper	Glass Fibre	16 (5/8)	10.5 (0.4)	1.15
18PZB100	460 (18)	8	6.5	700	1400	97	40 - 2000	100 (4)	Copper	Glass Fibre	21 (0.83)	8 (5/16)	1.15
18TBX100	460 (18)	8	6.2	1000	2000	97	35 - 1000	100 (4)	Copper	Glass Fibre	25 (1)	12 (1/2)	1.1
18PS76	460 (18)	8	6.5	600	1200	99	40 - 2000	76 (3)	Copper	Glass Fibre	23.5 (0.92)	10.5 (0.4)	1.25
18PS100	460 (18)	8	6.3	700	1400	95.5	30 - 1000	100 (4)	Copper	Glass Fibre	21 (0.83)	10.5 (0.4)	1.05
6MDN44	170 (6.5)	8	6.5	150	300	96.5	150 - 6000	44 (1.7)	Aluminium	Glass Fibre	9.5 (3/8)	6 (0.25)	1.45
6NDL38	170 (6.5)	8	6	150	300	92	70 - 6000	38 (1.5)	Copper	Kapton	12 (0.5)	6 (0.25)	1.15
8NW51	200 (8)	8	7.7	200	400	96.5	70 - 3000	51 (2)	Copper	Glass Fibre	18.5 (0.73)	10 (0.4)	1.3
8NDL51	200 (8)	8	6.6	200	400	94	65 -3000	51 (2)	Copper	Kapton	16.5 (0.65)	8 (5/16)	1.05
10HPL64	250 (10)	8	6.2	200	400	98.5	60 - 4000	64 (2.5)	Aluminium	Glass Fibre	12 (0.47)	8 (5/16)	1.25
10NW64	250 (10)	8	6.5	300	600	96	50 - 2500	64 (2.5)	Copper	Glass Fibre	16 (5/8)	8 (5/16)	1.25
10NDL64	250 (10)	8	7	250	500	97	50 - 3000	64 (2.5)	Aluminium	Glass Fibre	14 (0.55)	8 (5/16)	1.25
12NW100	320 (12)	8	6.2	700	1400	96	45 - 1500	100 (4)	Copper	Glass Fibre	25 (1)	12 (1/2)	1.2
12NDL76	320 (12)	8	6.2	400	800	100	50 - 2000	76 (3)	Aluminium	Glass Fibre	19 (3/4)	10 (0.4)	1.25
12HPL64	320 (12)	8	6.5	200	400	100	50 - 4000	64 (2.5)	Aluminium	Glass Fibre	12.5 (1/2)	8 (5/16)	1.25
12NW76	320 (12)	8	6.9	500	1000	98.5	40 -2000	76 (3)	Copper	Glass Fibre	19 (3/4)	11 (7/16)	1.3
12HPL76	320 (12)	8	6.7	350	700	99	50 -3500	76 (3)	Aluminium	Glass Fibre	17.5 (11/16)	10 (0.4)	1.15
15NDL76	380 (15)	8	6.7	500	1000	99.5	40 - 2000	76 (3)	Copper	Glass Fibre	17.5 (11/16)	10.5 (0.4)	1.25

Specifications | **Comparison Table**

15NW100	380 (15)	8	6.2	800	1600	97	35 - 1500	100 (4)	Copper	Glass Fibre	25 (1)	12 (1/2)	1.2
15NW76	380 (15)	8	6.9	600	1200	100.5	40 - 2000	76 (3)	Copper	Glass Fibre	19 (3/4)	11 (7/16)	1.3
18NW100	460 (18)	8	6.3	1000	2000	98	35 - 1000	100 (4)	Copper	Glass Fibre	25 (1)	12 (1/2)	1.2
21SW150	530 (21)	8	7.3	1500	3000	96	30 - 1000	150 (6)	Copper	Glass Fibre	32 (1.26)	12 (1/2)	1.3



Thiele & Small Parameters Comparison Table

	F_s	R_e	Q_{es}	Q_{ms}	Q_{ts}	V_{as}	S_d	Eta Zero	X_{max}	X_{var}	M_{ms}	Bl	L_e
Model number	Hz	Ohm				dm3 (ft3)	cm2 (in2)	%	mm	mm	g	Txm	mH
6MD38	130	5.7	0.49	3.7	0.44	3 (0.1)	132 (20.5)	1.4	+/- 2	+/- 4.5	12	10.5	0.25
8PS21	73	5.4	0.36	4.2	0.33	14 (0.5)	220 (34.1)	1.5	+/- 5	+/- 4.5	23	12.6	0.5
8PE21	87.5	5.6	0.2	3.8	0.19	13 (0.46)	220 (34.1)	4.1	+/- 1	+/- 4.5	18	16.6	0.5
10PS26	54	5.8	0.33	2.9	0.29	38 (1.3)	320 (49.1)	1.8	+/- 5.5	+/- 5	33	14.1	1.2
10MD26	76	5.8	0.22	4.8	0.21	20 (0.71)	320 (49.1)	3.9	+/- 1.5	+/- 4.5	31	19.6	1.2
12PS100	44	5.3	0.29	3.9	0.27	47 (1.6)	531 (82.3)	1.3	+/- 8	+/- 8	106	22.5	2
12PLB76	50	5.3	0.24	5.2	0.23	75 (2.6)	522 (80.9)	3.8	+/- 5	+/- 7	51	18.6	1.2
12TBX100	42	5.1	0.27	6.9	0.26	37.5 (1.3)	531 (82.3)	1.15	+/- 9	+/- 11	119	25.5	1.6
12PE32	51	5.8	0.19	7.6	0.18	101 (3.56)	522 (80.9)	6.8	+/- 2.8	+/- 5	37	19.1	1.2
15PL100	37	5.3	0.21	6.6	0.2	154 (5.4)	855 (132.5)	3.6	+/- 7	+/- 7	121	26.8	1.7
15PS100	33	5.3	0.33	4.8	0.31	152 (5.3)	855 (132.5)	1.8	+/- 8	+/- 8	145	22.5	2.1
15PZB100	39	5.2	0.3	6.5	0.29	110 (3.8)	855 (132.5)	2.1	+/- 8	+/- 6.5	154	25.8	2
15PS76	38	5.2	0.28	5.2	0.26	164 (5.7)	855 (132.5)	3.3	+/- 7.5	+/- 8.5	106	22.1	1.3
15TBX100	35	5.1	0.3	5.2	0.28	113 (3.8)	855 (132.5)	1.95	+/- 9	+/- 11	163	25.5	1.6
15PLB76	42	5.0	0.26	5.9	0.25	164 (5.8)	855 (132.5)	4.5	+/- 5	+/- 8	88	22.1	1.3
18PS100	30	5.3	0.41	4.6	0.39	245 (8.6)	1210 (187.6)	1.6	+/- 8	+/- 8	202	22.5	2.1
18PZB100	30	5.3	0.25	8.8	0.24	297 (10.5)	1134 (175.8)	3.1	+/- 8	+/- 8	170	26	2.1
18TBX100	34	5.1	0.37	7.2	0.35	212 (7.5)	1210 (187.6)	2.2	+/- 9	+/- 11	209	25.5	1.6
18PS76	39	5.3	0.29	6.1	0.27	207 (7.2)	1210 (187.6)	4	+/- 7	+/- 8	149	25.8	1.9
6MDN44	140	5.4	0.46	2.8	0.40	2.7 (0.09)	132 (20.5)	1.6	2.5	3.0	11	11	0.47
6NDL38	72	5.2	0.44	11.5	0.42	7 (0.25)	132 (20.5)	0.6	6	5.5	17	9.5	0.6
8NDL51	66	5.3	0.41	3.6	0.37	14 (0.5)	220 (34.1)	1	+/- 7	+/- 7	28	12.4	0.5
8NW51	74	5.2	0.19	2.7	0.17	11 (0.4)	220 (34.1)	2.4	+/- 6	+/- 6	28	18.9	0.4
10NW64	50	5.2	0.27	4.5	0.26	27.5 (0.95)	320 (50)	1.3	+/- 8	+/- 10	47	17.5	0.47
10HPL64	61	5.4	0.33	4.5	0.31	32 (1.1)	320 (50)	2.5	+/- 4	+/- 5.5	29	15	0.5
10NDL64	56	5.7	0.29	3.4	0.26	31 (1.1)	320 (50)	1.8	+/- 6	+/- 7	37	16.2	0.9
12NW100	42	5.1	0.21	3.6	0.20	44 (1.5)	531 (82.3)	1.7	+/- 9	+/- 11	119	28	1.9
12NDL76	50	5.3	0.21	4.2	0.20	73 (2.5)	522 (80.9)	4.3	+/- 6.5	+/- 6.5	53	20.1	1
12NW76	40	5.3	0.17	3.7	0.16	76 (2.7)	522 (80.9)	2.8	+/- 8	+/- 10	77	25.5	1.25
12HPL76	49	5.7	0.26	2.5	0.25	91 (3.2)	522 (80.9)	4.1	+/- 4	+/- 5.5	43	17.3	1.5
12HPL64	52	5.8	0.35	3.3	0.32	85 (3)	522 (80.9)	3.3	+/- 4	+/- 4.5	41.5	14.9	1.1
15NW76	42	5.3	0.23	4.3	0.22	130 (4.5)	855 (132.5)	4.4	+/- 8	+/- 10	104	25.5	1.25

Thiele & Small Parameters Comparison Table

15NDL76	37	5.3	0.24	4.5	0.22	195 (6.8)	855 (132.5)	4.1	+/- 7	+/- 9	96	22.5	1.5
15NW100	33	5.1	0.23	4.3	0.22	139 (4.9)	855 (132.5)	2.1	+/- 9	+/- 11	173	28	1.9
18NW100	31	5.1	0.27	4.2	0.26	252 (8.9)	1210 (187.6)	2.7	+/- 9	+/- 11	211	28	1.7
21SW150	30	5.9	0.29	6.8	0.28	317 (11.1)	1680 (260.4)	2	+/- 15	+/- 16	448	39.2	2.3



Comparison Design | Comparison Table

Model number	Closed Box	Reflex Box	Horn Loading	Subwoofer Usage	Woofer Usage	Micr-Bass Usage	Midrange Usage
6NDL38	✗	○	□	□	○	□	✗
6MD38	□	○	○	✗	✗	□	○
6MDN44	○	□	○	✗	✗	□	○
8PE21	○	○	○	✗	✗	□	○
8NW51	✗	□	○	✗	□	○	○
8NDL51	□	○	□	✗	□	○	□
8PS21	□	○	□	✗	□	○	□
10PS26	✗	○	□	□	○	○	□
10HPL64	□	○	□	✗	○	□	✗
10MD26	□	□	○	✗	✗	□	○
10NW64	✗	○	□	□	○	□	✗
10NDL64	□	○	□	✗	○	□	✗
12NW76	✗	□	○	□	○	□	✗
12HPL64	□	○	□	✗	○	□	✗
12PE32	□	○	○	✗	□	○	○
12HPL76	✗	○	□	□	○	□	✗
12PLB76	□	○	○	✗	□	○	□
12NDL76	□	○	○	✗	□	○	□
12TBX100	✗	○	□	○	□	✗	✗
12PS100	✗	○	□	○	□	✗	✗
12NW100	✗	○	○	○	□	✗	✗
15PS100	□	○	□	○	□	✗	✗
15NW76	✗	○	○	□	○	□	✗
15PL100	✗	○	□	□	○	□	✗
15CX40	✗	□	□	○	○	□	✗
15PLB76	✗	○	□	□	○	□	✗
15NDL76	✗	○	○	□	○	□	✗
15PZB100	✗	○	□	○	○	□	✗
15PS76	✗	○	□	○	○	□	✗
15NW100	✗	○	□	○	□	✗	✗
15TBX100	✗	○	○	○	□	□	✗
18PS76	✗	○	□	○	□	✗	✗
18TBX100	✗	○	□	○	□	✗	✗
18PS100	□	○	□	○	□	✗	✗
18NW100	✗	○	□	○	□	✗	✗
18PZB100	✗	○	○	○	□	✗	✗



Comparison Design

Comparison Table

21SW150

