

2020 CVM SUBWOOFER THEILE/SMALL PARAMETERS



SERIES		XED (XTREME ENERGY DESIGN)														
MODEL	SPL (dB)	Re [series]	Qms	Qes	Qts	Fs (Hz)	Vas (L)	Cms (mm/N)	Mms (g)	Sd (m ²)	BL (T*M)	VC (size)	Xmax (mm)	Pwr (W) NOM/MAX		
XED10V2	85.5	3.9	10.6	0.66	0.62	35	33.8	0.219	94.3	0.033	10.974	2"/50mm	12.8	125/800		
XED12V2	85.5	3.9	4.82	0.62	0.55	27.4	103.2	0.07	346	0.049	22.1	2"/50mm	17.8	150/1000		

SERIES		HED (HIGH ENERGY DESIGN) SHALLOW														
MODEL	SPL (dB)	Re [series]	Qms	Qes	Qts	Fs (Hz)	Vas (L)	Cms (mm/N)	Mms (g)	Sd (m ²)	BL (T*M)	VC (size)	Xmax (mm)	Pwr (W) NOM/MAX		
HS102D	83.1	1.5/1.5	5	0.95	0.8	34	23	0.141	155	0.034	10.2	2"/50mm	7.4	200/800		
HS104D	82.7	3.0/3.0	5.5	1.1	0.92	35.2	23	0.14	145	0.034	13.2	2"/50mm	14	200/800		
HS122D	85	1.5/1.5	5.5	1.05	0.88	30	50.9	0.13	220	0.053	10.9	2"/50mm	14	250/1200		
HS124D	85	3.0/3.0	5	1.13	0.92	31	50.9	0.13	205	0.053	14.6	2"/50mm	14	250/1200		

SERIES		HED (HIGH ENERGY DESIGN)														
MODEL	SPL (dB)	Re [series]	Qms	Qes	Qts	Fs (Hz)	Vas (L)	Cms (mm/N)	Mms (g)	Sd (m ²)	BL (T*M)	VC (size)	Xmax (mm)	Pwr (W) NOM/MAX		
H7104D	85	2.0/8.0	9.7	0.65	0.61	32	34	0.24	101	0.033	7.7	2"/50mm	14	250/1200		
H7104S	85	4.0/4.0	13	0.54	0.51	30	40.4	0.28	98.7	0.033	11.4	2"/50mm	14	250/1000		
H7124D	87	2.0/8.0	9.7	0.67	0.63	27	87	0.25	137	0.049	8	2"/50mm	14	250/1400		
H7124S	87	4.0/4.0	12.7	0.59	0.57	27	81.5	0.24	140	0.049	12.4	2"/50mm	14	250/1000		

SERIES		VEGA														
MODEL	SPL (dB)	Re [series]	Qms	Qes	Qts	Fs (Hz)	Vas (L)	Cms (mm/N)	Mms (g)	Sd (m ²)	BL (T*M)	VC (size)	Xmax (mm)	Pwr (W) NOM/MAX		
V82DV2	81.5	2.0/2.0	7.2	0.7	0.63	34.4	14.9	0.262	81.7	0.02	9.9	1.5"	13.5	250/750		
V84DV2	82	4.0/4.0	6.8	0.76	0.597	34.1	14.6	0.241	81.6	0.02	12.8		13.5	250/750		
V102DV2	85	2.0/2.0	6.9	0.5	0.469	29.1	39.6	0.257	116.8	0.033	6.4	1.75"	17	400/1100		
V102DV2	85.5	4.0/4.0	6.1	0.66	0.602	34.5	28	0.37	118	0.033	15.3		17	400/1100		
V122DV2	84.8	2.0/2.0	11.4	0.68	0.643	26.7	67	0.197	180.2	0.049	13.1	2"	17	450/1300		
V124DV2	85.6	4.0/4.0	8	0.71	0.653	27.4	62.3	0.42	184.6	0.049	16.6		17.3	450/1300		
V152DV2	86.5	2.0/2.0	7.3	0.58	0.542	19.6	244.9	0.268	246.7	0.08	15.1	2.5"	24	550/1500		
V154DV2	86.7	4.0/4.0	9.5	0.74	0.69	22.1	166.8	0.32	255.2	0.08	18.5		18.1	550/1500		

SERIES		VEGA PRO SHALLOW													
MODEL	SPL (dB)	Re [series]	Qms	Qes	Qts	Fs (Hz)	Vas (L)	Cms (mm/N)	Mms (g)	Sd (m ²)	BL (T*M)	VC (size)	Xmax (mm)	Pwr (W) NOM/MAX	
VPS102D	85	1.7/1.7	5.5	0.71	0.63	40	21.5	0.118	134	0.036	12.7	2"/50mm	7.9	300/600	
VPS104D	84.5	3.0/3.0	5	0.85	0.73	40.7	21.5	0.118	129.4	0.036	15.3	2"/50mm	8.8	300/600	
VPS122D	86.5	1.7/1.7	5.5	0.83	0.72	38	43	0.105	166.8	0.054	12.7	2"/50mm	7.09	350/700	
VPS124D	86	3.0/3.0	5	1	0.83	38.6	43	0.105	162	0.054	15.3	2"/50mm	8.8	350/700	

SERIES		VEGA PRO													
MODEL	SPL (dB)	Re [series]	Qms	Qes	Qts	Fs (Hz)	Vas (L)	Cms (mm/N)	Mms (g)	Sd (m ²)	BL (T*M)	VC (size)	Xmax (mm)	Pwr (W) NOM/MAX	
VPRO102D	83.6	2.0/2.0	8	0.67	0.62	34.8	21.3	0.27	148.3	0.033	13.5	2"/50mm	15.4	700/1400	
VPRO104D	82.9	4.0/4.0	7.7	0.71	0.603	35.7	20.7	0.195	135.7	0.033	16.7	2"/50mm	15.4	700/1400	
VPRO122D	85.3	2.0/2.0	13.3	0.6	0.572	30.5	42.5	0.125	217.7	0.049	16	2.5"	18.5	750/1500	
VPRO124D	84.6	4.0/4.0	9.5	0.69	0.645	29.2	40.9	0.26	250.3	0.049	10.2	2.5"	18.2	750/1500	
VPRO152D	87.4	2.0/2.0	11.5	0.56	0.536	27.2	93.1	0.102	335.5	0.08	19.8	2.5"	18	900/1800	
VPRO154D	88	4.0/4.0	10.4	0.61	0.584	28.4	87.7	0.25	371.8	0.08	24.6	2.5"	22.5	900/1800	

SERIES		VMAXX SHALLOW													
MODEL	SPL (dB)	Re [series]	Qms	Qes	Qts	Fs (Hz)	Vas (L)	Cms (mm/N)	Mms (g)	Sd (m ²)	BL (T*M)	VC (size)	Xmax (mm)	Pwr (W) NOM/MAX	
VMAXS102	83.9	1.0/4.0	7.04	0.8	0.72	37.9	23.6	0.13	138.1	0.03631	12.2	2"/50mm	7	300/600	
VMAXS104	83.8	2.0/8.0	6.27	0.75	0.67	37.5	22.4	0.12	148.4	0.03631	17.3	2"/50mm	7	300/600	
VMAXS122	86.5	1.0/4.0	6.75	0.76	0.68	33.1	61.8	0.15	159.6	0.05515	12.5	2"/50mm	9	400/800	
VMAXS124	87.5	2.0/8.0	6.65	0.64	0.59	33.3	64.4	0.15	151.3	0.05515	17.7	2"/50mm	9	400/800	

SERIES		VMAXX													
MODEL	SPL (dB)	Re [series]	Qms	Qes	Qts	Fs (Hz)	Vas (L)	Cms (mm/N)	Mms (g)	Sd (m ²)	BL (T*M)	VC (size)	Xmax (mm)	Pwr (W) NOM/MAX	
VMAX65D2	83.5	2.0/4.0	5.07	0.44	0.4	51.3	4.7	0.16	58.7	0.014	12.5	1.5"	10	200/400	
VMAX65D4	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	
VMAX8D2	81.1	2.0/4.0	5.86	0.65	0.58	41.5	8.1	0.14	103.2	0.02	13.8	2"/50mm	15	500/1000	
VMAX8D4	81.9	2.0/4.0	4.75	0.62	0.55	43.6	7.5	0.13	100.4	0.02	16.9	2"/50mm	15	500/1000	
VMAX10D2	83.3	2.0/4.0	6.73	0.61	0.56	32.6	24.6	0.13	178.5	0.036	14.7	2"/50mm	15	800/1600	
VMAX10D4	84.4	2.0/4.0	5.23	0.6	0.54	36.9	21.5	0.12	159.5	0.036	20.4	2"/50mm	15	800/1600	

VMAX12D2	84.8	2.0/4.0	5.09	0.5	0.46	29.1	40.6	0.1	290.9	0.053	19.5	3"	14	1000/2000
VVMAX12D4	86.9	2.0/4.0	4.49	0.48	0.44	32.9	44.2	0.12	272.3	0.053	25	3"	14	1000/2000

SERIES		STROKER													
MODEL	SPL (dB)	Re [series]	Qms	Qes	Qts	Fs (Hz)	Vas (L)	Cms (mm/N)	Mms (g)	Sd (m ²)	BL (T*M)	VC (size)	Xmax (mm)	Pwr (W) NOM/MAX	

ST102D	82.3	3.3	3.3	0.58	0.49	33	17.4	0.115	200	0.033	15.4	2.5"	16.4	800/1600
ST104D	82.7	6.5	3.3	0.62	0.52	35	17.4	0.115	180	0.033	20.4	2.5"	16.4	800/1600
ST122D	84.6	3.3	3.3	0.51	0.44	29	39.2	0.116	260	0.049	17.5	3"	16.4	1000/2000
ST124D	84.8	6.5	3.3	0.56	0.48	30.2	39.2	0.116	240	0.049	23	3"	16.4	1000/2000
ST152D	89	3.3	2.8	0.31	0.28	24	123	0.133	330	0.081	23	3"	16.4	1200/2400
ST154D	89.3	6.5	2.8	0.34	0.3	24.8	123	0.133	310	0.081	30.4	3"	16.4	1200/2400

SERIES		STROKER PRO CLASSIC													
MODEL	SPL (dB)	Re [series]	Qms	Qes	Qts	Fs (Hz)	Vas (L)	Cms (mm/N)	Mms (g)	Sd (m ²)	BL (T*M)	VC (size)	Xmax (mm)	Pwr (W) NOM/MAX	

SPCL15	93.8	1.68	16	0.35	0.34	44	62	0.06	232	881	17.6	4"	24	1200/2400
SPCL18	95	1.68	19	0.39	0.38	40.5	117	0.06	281	1225	17.6	4"	24	1600/3200