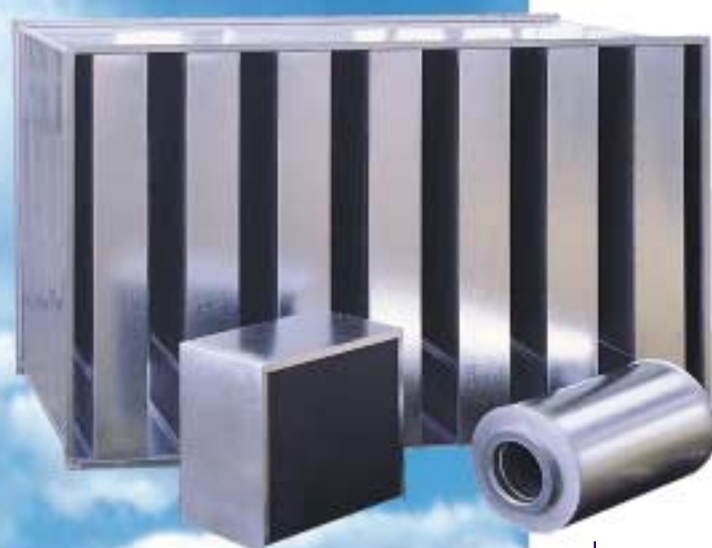



WENTYLACJA + KLIMATYZACJA



**TŁUMIKI AKUSTYCZNE
PROSTOKĄTNE TYP
TKF-MB
ORAZ KOŁOWE TYP RS**



**ELEMENTY
WYPOSAŻENIA
INSTALACJI
WENTYLACJI
I KLIMATYZACJI**

 <p>Jednostka aprobująca: Centralny Ośrodek Badawczo-Rozwojowy Techniki Instalacyjnej "INSTAL" PL 02 - 656 Warszawa ul. Ksawerów 21 Tel./Fax:(0-22) 843-71-65</p>	APROBATA TECHNICZNA	Numer: AT/99-02-0845
	<i>Nazwa wyrobu:</i> Tłumiki akustyczne prostokątne TKF Tłumiki akustyczne okrągłe RS	
	<i>Wnioskodawca:</i> P.U.H."FRAPOL" Sp. z o.o. ul. Mierzeja Wiślana 8 30-832 Kraków	<i>Łącznie stron:</i> 9 Strona 1/9

A. AKCEPTACJA

Na podstawie rozporządzenia Ministra Spraw Wewnętrznych i Administracji z dnia 5 sierpnia 1998 r. w sprawie aprobat i kryteriów technicznych oraz jednostkowego stosowania wyrobów budowlanych (Dz.U.Nr 107, z 1998 r. poz. 679), w wyniku postępowania aprobacyjnego dokonanego w Centralnym Ośrodku Badawczo-Rozwojowym Techniki Instalacyjnej INSTAL.

stwierdza się przydatność do stosowania w budownictwie wyrobu budowlanego pod nazwą:

Tłumiki akustyczne prostokątne TKF

Tłumiki akustyczne okrągłe RS

produkowanego przez:

P.U.H."FRAPOL" Sp. z o.o.

ul. Mierzeja Wiślana 8

30-832 Kraków

opisanego w niniejszej aprobacie w części B pkt 1 o przeznaczeniu, zakresie i warunkach stosowania jak w części B pkt 2. Miejsce (a) produkcji wyrobu, którego dotyczy niniejsza AT podano w części C pkt. 4 aprobaty.

Aprobata techniczna nie jest dokumentem dopuszczającym wyrób do stosowania w budownictwie w Polsce, stanowi jedynie podstawę do wydania takich dokumentów zgodnie z ustaleniami w części B pkt 5.1.1. niniejszej aprobaty.

Niniejsza aprobata zawiera 9 stron i może być udostępniana wyłącznie w całości z zachowaniem ustaleń formalnych podanych w części B pkt 5.2. Dopuszcza się wykorzystanie reprodukcji strony pierwszej niniejszej aprobaty w celach promocyjnych przez Dostawcę wyrobu. Reprodukacja taka nie zastępuje kompletnej aprobaty.

Termin ważności

Aprobata Techniczna COBRTI INSTAL Nr AT/99-02-0845

ważna jest do dnia 14.12.2004 r.

Kierownik Jednostki Aprobującej


 mgr inż. Olgierd Romanowski

Miejsce i data wydania aprobaty
 Warszawa, dnia 15.12.1999 r.



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1. Zastosowanie tłumików akustycznych.

Tłumiki akustyczne kanałowe o przekroju prostokątnym typu TKF-MB i TKF-MBR lub o przekroju kołowym typu RS są przeznaczone do tłumienia hałasu w instalacjach wentylacyjnych i klimatyzacyjnych. Mogą one być stosowane zarówno w sieci kanałów blaszanych, jak też murowanych lub betonowych.

2. Wykonanie tłumików kanałowych o przekroju prostokątnym i kołowym.

Tłumik kanałowy o przekroju prostokątnym typu TKF-MB lub TKF-MBR (tablica V) wykonany jest z obudowy, wewnątrz której zamontowane są kulisy.

Obudowa zewnętrzna, tworząca kanał prostokątny, wykonana jest z blachy stalowej ocynkowanej, połączonej felcem podłużnym. Kanał ten wykonany jest zgodnie z normą ÖNORM H 6015 część 2. Kołnierze przyłączeniowe mogą stanowić stalowe ocynkowane profile systemu METU lub walcowane na gorąco kątowniki stalowe, zabezpieczone powłoką antykorozyjną.

Kulisa MB (tablica VI) jest kulisą typu absorpcyjnego.

Składa się z ramy okalającej, wykonanej z blachy stalowej ocynkowanej oraz z kombinacji niepalnych płyt wełny mineralnej, stanowiącej wkład dźwiękochłonny, który absorbuje energię akustyczną. Zewnętrzna powierzchnia wkładu dźwiękochłonnego pokryta jest specjalną tkaniną, która zabezpiecza kulisę przed odrywaniem cząstek wełny mineralnej przy prędkości przepływu powietrza do 20 m/s.

Kulisy tego typu znajdują zastosowanie przy tłumieniu hałasu szczególnie w zakresie średnich i wysokich częstotliwości.

Jeżeli wymiar kulisy L lub H jest większy od podanych w tablicy VI to taką kulisę wykonuje się jako łączoną.

Kulisa MBR (tablica VI) jest kulisą typu absorpcyjno-rezonatorowego.

Wykonana jest podobnie jak kulisa MB, z tą jednak różnicą, że wkład dźwiękochłonny po obu stronach kulisy jest przysłonięty blachą stalową ocynkowaną na połowie powierzchni kulisy.

Kulisy te należy stosować przy tłumieniu hałasu w zakresie niskich i średnich częstotliwości. Tłumienie przy wysokich częstotliwościach jest również wystarczające.

Jeżeli wymiar kulisy L lub H jest większy od podanych w tablicy VI to taką kulisę wykonuje się jako łączoną.

Tłumik rurowy typu RS

Obudowa tłumika wykonana jest z blachy stalowej ocynkowanej. Wewnątrz obudowy znajduje się wkład dźwiękochłonny. Obudowa może posiadać kołnierze przyłączeniowe wykonane z blachy stalowej o grubości 4 mm i zabezpieczone antykorozyjnie powłoką cynku lub farby. Bardzo często stosuje się połączenie bezkołnierzowe z końcami kanału o wymiarze nypla. Ten sposób połączenia znajduje zastosowanie w ciągach wentylacyjnych typu SPIRO.

Wkład dźwiękochłonny typu absorpcyjnego stanowi wełna mineralna o grubości 50 mm, osłonięta od wewnątrz perforowaną blachą stalową ocynkowaną.

Przy montażu tłumików na budowie szczególną uwagę należy zwracać na zabezpieczenie kulis przed uszkodzeniem ich powierzchni. Tłumiki prostokątne należy montować w ciągach wentylacyjnych z pionowo ustawionymi kulisami.

Tłumiki rurowe można montować w dowolny sposób.

3. Prędkość przepływu powietrza w tłumiku.

Przy projektowaniu instalacji wentylacyjno-klimatyzacyjnej w bardzo wielu przypadkach nie znane jest miejsce zabudowania tłumika. Aby jednak móc dokonać wyboru tłumika, pomimo wielu niejasności, ustalono dopuszczalną prędkość przepływu powietrza w tłumiku w zależności od strumienia przepływu.

Jako zalecane wartości prędkości powietrza w tłumiku można przyjmować przy doborze tłumika:
ok. 8 m/s przy strumieniu przepływu do 5 000 m³/h
ok. 10 m/s przy strumieniu przepływu 6 000 – 10 000 m³/h
ok. 12 m/s przy strumieniu przepływu powyżej 10 000 m³/h

4. Szum własny tłumika.

W wyniku zmiany przekroju, podczas przepływu powietrza przez tłumik powstają zawirowania, które generują dodatkowy hałas, zwany szumem własnym tłumika. Szum ten rośnie wraz ze wzrostem prędkości przepływu powietrza. Przy doborze tłumika należy pamiętać o tym, że szum własny tłumika powinien być o 7-10 dB(A) mniejszy niż w tym samym miejscu w systemie kanałów dopuszczalny poziom hałasu pracujących urządzeń.

Ograniczenie szumu własnego tłumika jest możliwe poprzez obniżenie prędkości przepływu powietrza w tłumiku. Prędkość tę należy tak dobierać, aby był spełniony przedstawiony uprzednio warunek.

Tablica IV podaje wartości szumu własnego tłumika w zależności od wielkości wolnego przekroju i prędkości przepływu powietrza.

5. Ogólne zasady doboru tłumików przy użyciu załączonych tablic

Znając strumień przepływu powietrza przy jednej z zalecanych prędkości przepływu, przyjmując typ kulisy oraz zakładając wielkość tłumienia wtrącenia przy określonej średniej częstotliwości w oktawie, w oparciu o przedstawione w katalogu tablice I-IV i VII możemy w prosty sposób dokonać odpowiedniego wyboru tłumika lub dobrać jego odpowiedniki o podobnych parametrach technicznych, ale o innych wymiarach.

Prześledźmy to na przykładzie:

DANE :

Strumień przepływu powietrza : $V = 9\,500\text{ m}^3/\text{h}$

Tłumienie wtrącenia przy 250 Hz 27 dB

Kulisa typu MB

Ponieważ nie podana została prędkość przepływu przyjmujemy ją zgodnie z zaleceniami punktu 3 tj. $w = 10\text{ m/s}$

TOK POSTĘPOWANIA :

- w tablicy VIII w kolumnie prędkości $w=10\text{m/s}$ odszukujemy zbliżoną wartość strumienia powietrza równą $V = 9720\text{ m}^3/\text{h}$.
- uwzględniając tłumienie wtrącenia równe 27 dB przy częstotliwości 250 Hz odczytujemy z tablicy VIII wymiary przekroju tłumika $B \times H \times L = 900 \times 900 \times 2000\text{ mm}$
- dobrany typ tłumika to TKF-MB 6433
- z tablicy I odczytujemy całkowitą stratę ciśnienia w zależności od typu tłumika, prędkości i długości $p = 62\text{ Pa}$

Podane w tablicy I wartości są właściwe dla temperatury powietrza 20 stopni C, równomiernego napływu powietrza i obustronnie podłączonego systemu kanałów.

- przy pomocy tablicy IV dla prędkości $w = 10\text{ m/s}$ interpolujemy liniowo wartość szumu własnego tłumika typu TKF-MB 6433 o wolnym przekroju $F = 0,27\text{ m}^2$. Wartość szumu własnego tłumika wynosi 44,6 dB(A). Przy doborze można uwzględniać wszystkie tłumiki z tej grupy posiadające taki sam wolny przekrój.

PRZYKŁADOWE OZNACZENIE TŁUMIKA W ZAMÓWIENIU:

Tłumik akustyczny TKF-MB 6423 BxHxL=600x900x1500

gdzie:

- TKF - tłumik kulisowy prostokątny
- MB, MBR - typ kulisy
- 64 - typ tłumika
- 2 - ilość kulis
- 3 - krotność podstawowej wysokości tłumika równej 300 mm
- B - szerokość tłumika, mm
- H - wysokość tłumika, mm
- L - długość tłumika, mm

CAŁKOWITA STRATA CIŚNIENIA [Pa] W ZALEŻNOŚCI OD DŁUGOŚCI TŁUMIKA I PRĘDKOŚCI PRZEPLYWU POWIETRZA

Tablica I

Typ tłumika	Długość tłumika [mm]														
	500			750			1000			1250			1500		
TKF-	Prędkość przepływu powietrza w tłumiku [m/s]														
	8	10	12	8	10	12	8	10	12	8	10	12	8	10	12
-	Strata ciśnienia p [Pa]														
60	27	42	61	30	47	67	33	52	74	36	58	84	42	65	94
62							27	42	61	28	44	65	31	48	69
64	28	44	63	30	47	68	32	50	72	34	53	77	36	57	81
65	31	48	68	32	50	71	34	52	75	35	54	78	37	57	82
66				25	39	55	26	41	59	28	43	63	30	46	66
67				27	42	61	28	44	63	30	46	66	30	47	69
68							18	28	41	19	31	44	21	32	46
69							30	47	67	31	48	70	32	50	72

Typ tłumika	Długość tłumika [mm]											
	1750			2000			2500			3000		
TKF-	Prędkość przepływu powietrza w tłumiku [m/s]											
	8	10	12	8	10	12	8	10	12	8	10	12
-	Strata ciśnienia p [Pa]											
60	46	71	103	50	78	113						
62	32	51	74	34	54	78	37	59	85	41	65	93
64	38	59	85	40	62	90						
65	38	59	85	40	61	89						
66	31	49	69	32	50	73	35	55	79			
67	32	50	71	33	51	74	35	55	79			
68	21	34	48	22	35	51	25	38	55	26	42	60
69	33	52	75	35	54	78	37	58	83	40	61	89

TŁUMIENIE WTRĄCENIA TŁUMIKÓW Z KULISĄ TYPU MB.

Tablica II

Typ tłumika TKF-MB 60...								Typ tłumika TKF-MB 62...							
Długość tłumika	Średnia częstotliwość w oktawie [Hz]							Długość tłumika	Średnia częstotliwość w oktawie [Hz]						
mm	125	250	500	1000	2000	4000	8000	mm	125	250	500	1000	2000	4000	8000
	Tłumienie wtrącenia [dB]								Tłumienie wtrącenia [dB]						
500	2	5	17	34	40	38	23	500							
750	2	8	21	38	44	43	28	750							
1000	3	10	26	43	48	49	32	1000	2	5	19	35	39	31	19
1250	4	12	31	47	50	50	37	1250	3	7	22	40	46	37	23
1500	4	14	36	50	50	50	42	1500	3	9	25	44	50	42	27
1750	4	17	41	50	50	50	45	1750	3	10	29	49	50	48	31
2000	5	19	46	50	50	50	50	2000	3	11	32	50	50	50	35
2500								2500	4	14	40	50	50	50	42
3000								3000	5	16	47	50	50	50	50

Typ tłumika TKF-MB 64...								Typ tłumika TKF-MB 65...							
Długość tłumika	Średnia częstotliwość w oktawie [Hz]							Długość tłumika	Średnia częstotliwość w oktawie [Hz]						
mm	125	250	500	1000	2000	4000	8000	mm	125	250	500	1000	2000	4000	8000
	Tłumienie wtrącenia [dB]								Tłumienie wtrącenia [dB]						
500	2	6	17	23	25	20	15	500	7	10	14	18	22	14	9
750	4	11	22	31	35	25	17	750	9	14	20	26	30	21	15
1000	6	14	28	39	44	30	22	1000	11	18	25	34	39	27	17
1250	7	18	33	44	52	35	25	1250	14	22	31	41	48	33	22
1500	9	21	38	48	50	40	28	1500	17	26	37	45	50	39	35
1750	9	24	44	48	50	44	29	1750	19	29	37	45	50	45	43
2000	11	27	48	48	50	49	32	2000	21	30	37	45	50	47	47
2500								2500							
3000								3000							

Typ tłumika TKF-MB 66...								Typ tłumika TKF-MB 67...							
Długość tłumika	Średnia częstotliwość w oktawie [Hz]							Długość tłumika	Średnia częstotliwość w oktawie [Hz]						
mm	125	250	500	1000	2000	4000	8000	mm	125	250	500	1000	2000	4000	8000
	Tłumienie wtrącenia [dB]								Tłumienie wtrącenia [dB]						
500								500							
750	5	8	17	23	26	18	10	750	9	10	15	21	20	10	5
1000	7	10	22	30	33	21	13	1000	10	14	19	26	25	13	7
1250	8	13	27	35	39	24	14	1250	12	16	23	32	31	17	11
1500	9	15	31	40	44	28	16	1500	14	19	26	38	36	20	14
1750	10	18	36	45	50	31	17	1750	17	22	30	43	41	22	16
2000	12	20	41	50	50	34	18	2000	19	24	34	49	46	25	19
2500	14	24	50	50	50	38	20	2500	23	30	38	50	50	30	24
3000								3000							

Typ tłumika TKF-MB 68...								Typ tłumika TKF-MB 69...							
Długość tłumika	Średnia częstotliwość w oktawie [Hz]							Długość tłumika	Średnia częstotliwość w oktawie [Hz]						
mm	125	250	500	1000	2000	4000	8000	mm	125	250	500	1000	2000	4000	8000
	Tłumienie wtrącenia [dB]								Tłumienie wtrącenia [dB]						
500								500							
750								750							
1000	4	9	19	24	23	12	6	1000	8	12	17	21	17	8	5
1250	6	11	23	29	28	13	7	1250	9	15	20	25	21	10	7
1500	7	13	27	34	33	15	7	1500	10	17	23	29	25	12	9
1750	8	15	31	39	38	17	8	1750	11	19	27	33	28	14	11
2000	9	18	35	44	42	18	9	2000	12	22	30	38	31	15	12
2500	10	21	43	50	49	21	10	2500	16	26	36	46	39	18	15
3000	11	24	50	50	50	23	11	3000	18	31	43	50	45	21	18

TŁUMIENIE WTRĄCENIA TŁUMIKÓW Z KULISĄ TYPU MBR.

Tablica III

Typ tłumika TKF-MBR 60...								Typ tłumika TKF-MBR 62...							
Długość tłumika	Średnia częstotliwość w oktawie [Hz]							Długość tłumika	Średnia częstotliwość w oktawie [Hz]						
mm	125	250	500	1000	2000	4000	8000	mm	125	250	500	1000	2000	4000	8000
	Tłumienie wtrącenia [dB]								Tłumienie wtrącenia [dB]						
500	4	8	10	20	24	19	14	500							
750	4	11	13	23	26	22	17	750							
1000	5	13	16	26	29	24	19	1000	4	8	11	21	23	16	11
1250	6	17	19	28	30	25	22	1250	5	10	13	24	27	18	14
1500	7	17	25	32	36	30	25	1500	5	12	15	27	30	21	16
1750	8	20	29	40	42	30	27	1750	6	12	21	32	40	27	19
2000	9	22	32	40	45	30	30	2000	6	13	23	40	45	30	21
2500								2500	7	17	28	40	45	30	25
3000								3000	8	20	33	40	45	30	30

Typ tłumika TKF-MBR 64...								Typ tłumika TKF-MBR 65...							
Długość tłumika	Średnia częstotliwość w oktawie [Hz]							Długość tłumika	Średnia częstotliwość w oktawie [Hz]						
mm	125	250	500	1000	2000	4000	8000	mm	125	250	500	1000	2000	4000	8000
	Tłumienie wtrącenia [dB]								Tłumienie wtrącenia [dB]						
500	4	9	10	14	15	10	9	500	13	14	9	11	13	7	5
750	8	15	13	18	21	13	10	750	17	20	12	16	18	11	9
1000	11	20	17	24	26	15	13	1000	21	25	15	20	24	13	10
1250	12	25	20	26	31	18	15	1250	26	30	19	25	29	17	13
1500	15	25	27	38	40	24	17	1500	31	31	26	36	40	23	18
1750	17	29	31	38	45	26	17	1750	35	35	26	36	45	27	22
2000	20	32	33	38	45	29	19	2000	39	36	26	36	45	28	24
2500								2500							
3000								3000							

Typ tłumika TKF-MBR 66...								Typ tłumika TKF-MBR 67...							
Długość tłumika	Średnia częstotliwość w oktawie [Hz]							Długość tłumika	Średnia częstotliwość w oktawie [Hz]						
mm	125	250	500	1000	2000	4000	8000	mm	125	250	500	1000	2000	4000	8000
	Tłumienie wtrącenia [dB]								Tłumienie wtrącenia [dB]						
500								500							
750	9	11	10	14	16	9	6	750	15	14	9	12	12	5	3
1000	12	15	13	18	20	11	8	1000	18	19	11	16	15	7	4
1250	14	18	16	21	23	12	9	1250	22	23	14	19	18	8	7
1500	16	20	19	24	27	14	9	1500	25	23	18	30	32	12	8
1750	19	21	25	36	40	18	10	1750	30	26	21	34	37	13	10
2000	21	24	29	40	45	20	11	2000	34	29	24	39	42	15	11
2500	26	29	35	40	45	23	12	2500	41	36	27	40	45	18	14
3000								3000							

Typ tłumika TKF-MBR 68...								Typ tłumika TKF-MBR 69...							
Długość tłumika	Średnia częstotliwość w oktawie [Hz]							Długość tłumika	Średnia częstotliwość w oktawie [Hz]						
mm	125	250	500	1000	2000	4000	8000	mm	125	250	500	1000	2000	4000	8000
	Tłumienie wtrącenia [dB]								Tłumienie wtrącenia [dB]						
500								500							
750								750							
1000	8	12	11	14	14	6	4	1000	14	16	10	12	10	4	3
1250	10	16	14	17	17	7	4	1250	16	21	12	15	13	5	4
1500	12	17	19	27	29	9	4	1500	18	20	16	23	22	7	6
1750	14	18	22	31	34	10	5	1750	20	23	19	26	25	8	7
2000	16	21	25	35	37	11	5	2000	22	26	21	30	28	9	7
2500	18	25	30	40	44	13	6	2500	28	31	26	36	35	11	9
3000	20	29	35	40	45	14	6	3000	33	37	30	40	41	13	11

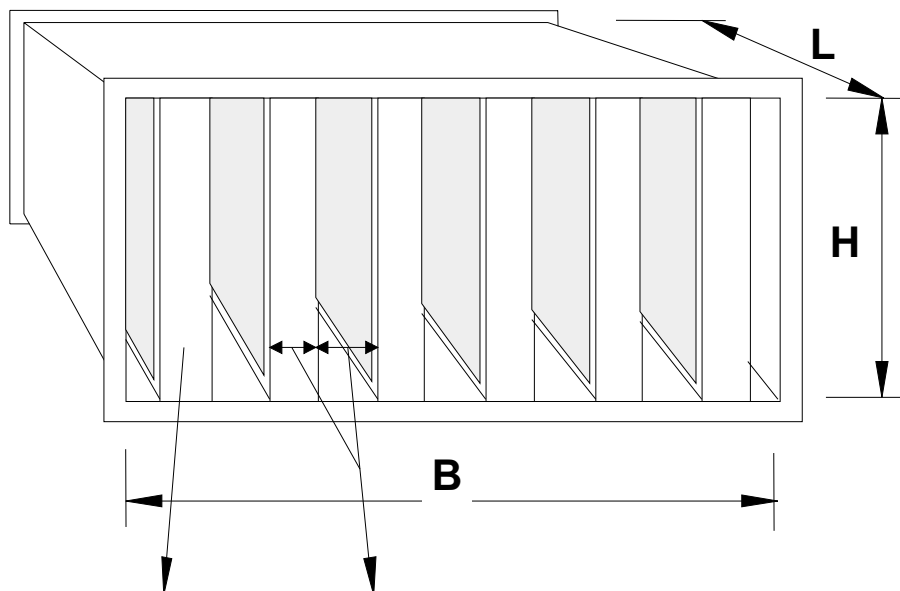
**SZUM WŁASNY TŁUMIKA TYPU TKF-
 W ZALEŻNOŚCI OD WIELKOŚCI PRZEKROJU TŁUMIKA
 I PRĘDKOŚCI PRZEPIYWU POWIETRZA**

Tablica IV

Przekrój tłumika [m ²]	0,031	0,063	0,125	0,250	0,500	1,000	2,000	4,000
Prędkość [m/s]	Poziom mocy akustycznej szumów własnych LWA [dB]							
8	26	26	27	30	35	44	49	54
10	34	35	36	37	41	48	52	55
12	39	39	40	42	45	51	54	57
	Wartości pośrednie można interpolować.							

**PODSTAWOWE WYMIARY
 TŁUMIKÓW AKUSTYCZNYCH
 TYPU TKF-MB I TKF-MBR.**

Tablica V

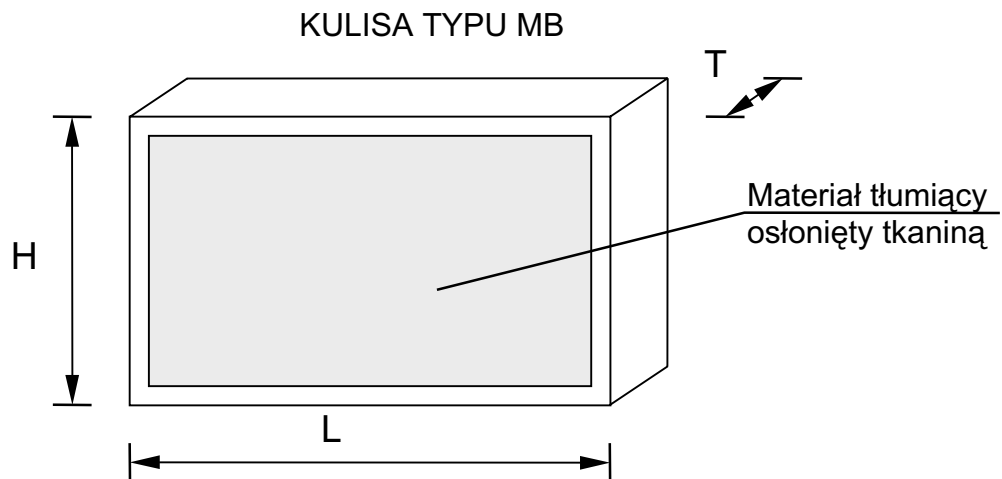


MB MBR -	64 -	1 -	2 -	500
Typ kulisy	Typ tłumika	Ilość kulis	współczynnik wysokości tłumika (x 300 mm)	Długość

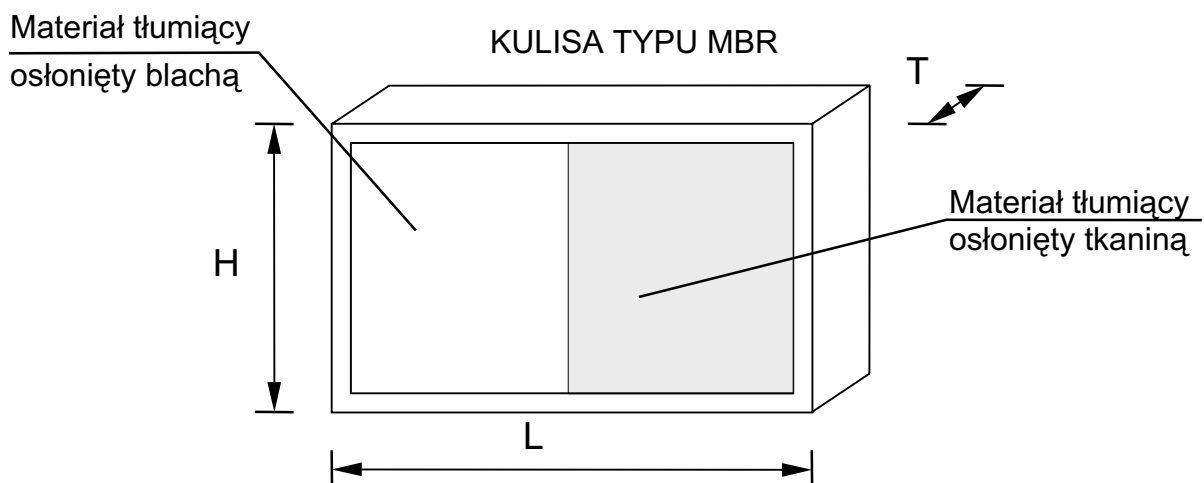
Typ	60	62	64	65	66	67	68	69
Grubość kulisy [mm]	100	100	200	360	200	360	200	360
Szerokość szczeliny [mm]	50	100	100	120	150	180	200	240
Moduł rozstawienia [mm]	150	200	300	480	350	540	400	600
Wolny przekrój [%]	33	50	33	25	43	33	50	40

KULISA TYPU MB I MBR

Tablica VI

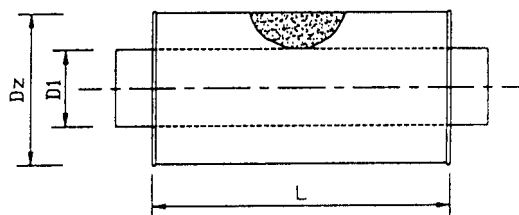


Grubość T - mm	Wysokość H - mm	Długość L - mm	Uwagi
100	300; 450; 600; 900	500; 750; 1000; 1250; 1500; 1750; 2000	
200	300; 450; 600; 900; 1200; 1500	500; 750; 1000; 1250; 1500; 1750; 2000	
360	300; 450; 600; 900; 1200; 1500	500; 750; 1000; 1250; 1500; 1750; 2000	



Grubość T - mm	Wysokość H - mm	Długość L - mm	Uwagi
100	300; 450; 600; 900	500; 750; 1000; 1250; 1500; 1750; 2000	
200	300; 450; 600; 900; 1200; 1500	500; 750; 1000; 1250; 1500; 1750; 2000	
360	300; 450; 600; 900; 1200; 1500	500; 750; 1000; 1250; 1500; 1750; 2000	

PARAMETRY TŁUMIKÓW RUROWYCH TYPU RS- Tablica VII



Tłumik rurowy					Długość L = 975 mm									
L.p.	WYDAJNOŚĆ przy w =			F	TYP	WYMIARY		Tłumienie przy			Całk. strata ciśnienia przy			Waga
	8 m/s	10 m/s	12 m/s			D1	Dz	125 Hz	250 Hz	500 Hz	8 m/s	10 m/s	12 m/s	
-	m ³ /h			m ²	-	mm		dB			Pa			
1	226	283	339	0,008	RS-100-50	100	200	6	16	32	3	6	11	7
2	353	442	530	0,012	RS-125-50	125	225	4	12	28	2	5	9	8
3	509	636	763	0,018	RS-150-50	150	250	3	10	26	2	4	8	9
4	579	724	869	0,02	RS-160-50	160	260	3	10	25	2	4	8	10
5	905	1131	1357	0,031	RS-200-50	200	300	3	9	24	2	3	7	12
6	1145	1431	1718	0,04	RS-225-50	225	325	1	8	23	1	3	6	13
7	1414	1767	2121	0,049	RS-250-50	250	350	1	7	23	1	3	6	14
8	2244	2806	3367	0,078	RS-315-50	315	415	1	7	18	1	3	5	18
9	2851	3563	4276	0,099	RS-355-50	355	455	1	6	16	1	2	5	20
10	3619	4524	5429	0,126	RS-400-50	400	500	1	5	14	1	2	5	22
11	4580	5726	6871	0,159	RS-450-50	450	550	1	4	13	1	2	4	25
12	5655	7069	8482	0,196	RS-500-50	500	600	1	4	11	1	2	4	27

Tłumik rurowy					Długość L = 1475 mm									
L.p.	WYDAJNOŚĆ przy w =			F	TYP	WYMIARY		Tłumienie przy			Całk. strata ciśnienia przy			Waga
	8 m/s	10 m/s	12 m/s			D1	Dz	125 Hz	250 Hz	500 Hz	8 m/s	10 m/s	12 m/s	
-	m ³ /h			m ²	-	mm		dB			Pa			
1	226	283	339	0,008	RS-100-50	100	200	8	20	49	4	8	15	10
2	353	442	530	0,012	RS-125-50	125	225	7	15	42	3	6	13	12
3	509	636	763	0,018	RS-150-50	150	250	6	14	38	3	6	11	14
4	579	724	869	0,020	RS-160-50	160	260	4	12	37	3	5	10	15
5	905	1131	1357	0,031	RS-200-50	200	300	4	11	35	2	5	9	18
6	1145	1431	1718	0,040	RS-225-50	225	325	3	10	35	2	4	8	19
7	1414	1767	2121	0,049	RS-250-50	250	350	3	9	34	2	4	7	21
8	2244	2806	3367	0,078	RS-315-50	315	415	3	9	28	2	3	6	26
9	2851	3563	4276	0,099	RS-355-50	355	455	3	8	24	1	3	6	29
10	3619	4524	5429	0,126	RS-400-50	400	500	3	6	22	1	3	6	32
11	4580	5726	6871	0,159	RS-450-50	450	550	3	6	19	1	3	5	36
12	5655	7069	8482	0,196	RS-500-50	500	600	3	5	17	1	3	5	40

Tłumik rurowy					Długość L = 1975 mm									
L.p.	WYDAJNOŚĆ przy w =			F	TYP	WYMIARY		Tłumienie przy			Całk. strata ciśnienia przy			Waga
	8 m/s	10 m/s	12 m/s			D1	Dz	125 Hz	250 Hz	500 Hz	8 m/s	10 m/s	12 m/s	
-	m ³ /h			m ²	-	mm		dB			Pa			
1	226	283	339	0,008	RS-100-50	100	200	13	25	50	5	10	20	13
2	353	442	530	0,012	RS-125-50	125	225	11	18	50	4	9	18	16
3	509	636	763	0,018	RS-150-50	150	250	8	17	50	3	8	15	18
4	579	724	869	0,020	RS-160-50	160	260	7	15	50	3	8	13	19
5	905	1131	1357	0,031	RS-200-50	200	300	7	13	50	3	6	11	23
6	1145	1431	1718	0,040	RS-225-50	225	325	4	12	50	3	6	11	26
7	1414	1767	2121	0,049	RS-250-50	250	350	4	12	50	3	5	9	28
8	2244	2806	3367	0,078	RS-315-50	315	415	4	10	50	3	5	7	35
9	2851	3563	4276	0,099	RS-355-50	355	455	4	10	45	2	4	7	39
10	3619	4524	5429	0,126	RS-400-50	400	500	4	8	42	2	4	7	43
11	4580	5726	6871	0,159	RS-450-50	450	550	4	7	35	2	4	7	48
12	5655	7069	8482	0,196	RS-500-50	500	600	4	6	32	2	4	6	53

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
1	432	540	648	0,015	MB-6011	150	300	2,0	5,0	17,0	5	2,0	8,0	21,0	7	3,0	10,0	26,0	9
2	648	810	972	0,023	MB-6011,5	150	450	2,0	5,0	17,0	7	2,0	8,0	21,0	10	3,0	10,0	26,0	13
3	864	1080	1296	0,030	MB-6012	150	600	2,0	5,0	17,0	9	2,0	8,0	21,0	13	3,0	10,0	26,0	16
4	864	1080	1296	0,030	MB-6021	300	300	2,0	5,0	17,0	8	2,0	8,0	21,0	11	3,0	10,0	26,0	14
5	864	1080	1296	0,030	MB-6211	200	300									2,0	5,0	19,0	10
6	864	1080	1296	0,030	MB-6411	300	300	2,0	6,0	17,0	8	4,0	11,0	22,0	11	6,0	14,0	28,0	14
7	1037	1296	1555	0,036	MB-6511	480	300	7,0	10,0	14,0	12	9,0	14,0	20,0	17	11,0	18,0	25,0	22
8	1296	1620	1944	0,045	MB-6021,5	300	450	2,0	5,0	17,0	10	2,0	8,0	21,0	15	3,0	10,0	26,0	19
9	1296	1620	1944	0,045	MB-6031	450	300	2,0	5,0	17,0	10	2,0	8,0	21,0	15	3,0	10,0	26,0	19
10	1296	1620	1944	0,045	MB-6211,5	200	450									2,0	5,0	19,0	14
11	1296	1620	1944	0,045	MB-6411,5	300	450	2,0	6,0	17,0	10	4,0	11,0	22,0	15	6,0	14,0	28,0	19
12	1296	1620	1944	0,045	MB-6611	350	300					5,0	8,0	17,0	12	7,0	10,0	22,0	15
13	1555	1944	2333	0,054	MB-6511,5	480	450	7,0	10,0	14,0	15	9,0	14,0	20,0	22	11,0	18,0	25,0	29
14	1555	1944	2333	0,054	MB-6711	540	300					9,0	10,0	15,0	17	10,0	14,0	19,0	22
15	1728	2160	2592	0,060	MB-6022	300	600	2,0	5,0	17,0	13	2,0	8,0	21,0	19	3,0	10,0	26,0	24
16	1728	2160	2592	0,060	MB-6041	600	300	2,0	5,0	17,0	12	2,0	8,0	21,0	17	3,0	10,0	26,0	21
17	1728	2160	2592	0,060	MB-6212	200	600									2,0	5,0	19,0	17
18	1728	2160	2592	0,060	MB-6221	400	300									2,0	5,0	19,0	16
19	1728	2160	2592	0,060	MB-6412	300	600	2,0	6,0	17,0	13	4,0	11,0	22,0	19	6,0	14,0	28,0	24
20	1728	2160	2592	0,060	MB-6421	600	300	2,0	6,0	17,0	13	4,0	11,0	22,0	19	6,0	14,0	28,0	24
21	1728	2160	2592	0,060	MB-6811	400	300									4,0	9,0	19,0	16
22	1944	2430	2916	0,068	MB-6031,5	450	450	2,0	5,0	17,0	14	2,0	8,0	21,0	20	3,0	10,0	26,0	26
23	1944	2430	2916	0,068	MB-6611,5	350	450					5,0	8,0	17,0	15	7,0	10,0	22,0	20
24	2074	2592	3110	0,072	MB-6512	480	600	7,0	10,0	14,0	19	9,0	14,0	20,0	28	11,0	18,0	25,0	36
25	2074	2592	3110	0,072	MB-6521	960	300	7,0	10,0	14,0	23	9,0	14,0	20,0	33	11,0	18,0	25,0	42

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
1	4,0	12,0	31,0	11	4,0	14,0	36,0	13	4,0	17,0	41,0	16	5,0	19,0	46,0	18								
2	4,0	12,0	31,0	16	4,0	14,0	36,0	19	4,0	17,0	41,0	22	5,0	19,0	46,0	24								
3	4,0	12,0	31,0	20	4,0	14,0	36,0	24	4,0	17,0	41,0	28	5,0	19,0	46,0	31								
4	4,0	12,0	31,0	18	4,0	14,0	36,0	21	4,0	17,0	41,0	24	5,0	19,0	46,0	27								
5	3,0	7,0	22,0	12	3,0	9,0	25,0	14	3,0	10,0	29,0	17	3,0	11,0	32,0	19	4,0	14,0	40,0	23	5,0	16,0	47,0	28
6	7,0	18,0	33,0	18	9,0	21,0	38,0	21	9,0	24,0	44,0	24	11,0	27,0	48,0	27								
7	14,0	22,0	31,0	26	17,0	26,0	37,0	31	19,0	29,0	37,0	36	21,0	30,0	37,0	41								
8	4,0	12,0	31,0	24	4,0	14,0	36,0	28	4,0	17,0	41,0	33	5,0	19,0	46,0	37								
9	4,0	12,0	31,0	24	4,0	14,0	36,0	28	4,0	17,0	41,0	33	5,0	19,0	46,0	37								
10	3,0	7,0	22,0	17	3,0	9,0	25,0	20	3,0	10,0	29,0	23	3,0	11,0	32,0	26	4,0	14,0	40,0	32	5,0	16,0	47,0	38
11	7,0	18,0	33,0	24	9,0	21,0	38,0	28	9,0	24,0	44,0	33	11,0	27,0	48,0	37								
12	8,0	13,0	27,0	18	9,0	15,0	31,0	22	10,0	18,0	36,0	25	12,0	20,0	41,0	29	14,0	24,0	50,0	35				
13	14,0	22,0	31,0	36	17,0	26,0	37,0	42	19,0	29,0	37,0	49	21,0	30,0	37,0	56								
14	12,0	16,0	23,0	28	14,0	19,0	26,0	33	17,0	22,0	30,0	38	19,0	24,0	34,0	43	23,0	30,0	38,0	53				
15	4,0	12,0	31,0	30	4,0	14,0	36,0	36	4,0	17,0	41,0	41	5,0	19,0	46,0	47								
16	4,0	12,0	31,0	26	4,0	14,0	36,0	31	4,0	17,0	41,0	36	5,0	19,0	46,0	41								
17	3,0	7,0	22,0	21	3,0	9,0	25,0	25	3,0	10,0	29,0	29	3,0	11,0	32,0	33	4,0	14,0	40,0	40	5,0	16,0	47,0	48
18	3,0	7,0	22,0	19	3,0	9,0	25,0	23	3,0	10,0	29,0	26	3,0	11,0	32,0	30	4,0	14,0	40,0	37	5,0	16,0	47,0	44
19	7,0	18,0	33,0	30	9,0	21,0	38,0	36	9,0	24,0	44,0	41	11,0	27,0	48,0	47								
20	7,0	18,0	33,0	30	9,0	21,0	38,0	36	9,0	24,0	44,0	41	11,0	27,0	48,0	47								
21	6,0	11,0	23,0	19	7,0	13,0	27,0	23	8,0	15,0	31,0	26	9,0	18,0	35,0	30	10,0	21,0	43,0	37	11,0	24,0	50,0	44
22	4,0	12,0	31,0	32	4,0	14,0	36,0	38	4,0	17,0	41,0	44	5,0	19,0	46,0	50								
23	8,0	13,0	27,0	25	9,0	15,0	31,0	29	10,0	18,0	36,0	34	12,0	20,0	41,0	38	14,0	24,0	50,0	48				
24	14,0	22,0	31,0	45	17,0	26,0	37,0	53	19,0	29,0	37,0	62	21,0	30,0	37,0	70								
25	14,0	22,0	31,0	52	17,0	26,0	37,0	62	19,0	29,0	37,0	72	21,0	30,0	37,0	81								

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000				
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		
26	2074	2592	3110	0,072	MB-6911	600	300										8,0	12,0	17,0	23
27	2160	2700	3240	0,075	MB-6051	750	300	2,0	5,0	17,0	16	2,0	8,0	21,0	23	3,0	10,0	26,0	29	
28	2333	2916	3499	0,081	MB-6711,5	540	450					9,0	10,0	15,0	23	10,0	14,0	19,0	30	
29	2592	3240	3888	0,090	MB-6023	300	900	2,0	5,0	17,0	20	2,0	8,0	21,0	29	3,0	10,0	26,0	38	
30	2592	3240	3888	0,090	MB-6032	450	600	2,0	5,0	17,0	17	2,0	8,0	21,0	25	3,0	10,0	26,0	32	
31	2592	3240	3888	0,090	MB-6041,5	600	450	2,0	5,0	17,0	15	2,0	8,0	21,0	22	3,0	10,0	26,0	28	
32	2592	3240	3888	0,090	MB-6213	200	900									2,0	5,0	19,0	27	
33	2592	3240	3888	0,090	MB-6221,5	400	450									2,0	5,0	19,0	21	
34	2592	3240	3888	0,090	MB-6231	600	300									2,0	5,0	19,0	21	
35	2592	3240	3888	0,090	MB-6413	300	900	2,0	6,0	17,0	20	4,0	11,0	22,0	29	6,0	14,0	28,0	38	
36	2592	3240	3888	0,090	MB-6421,5	600	450	2,0	6,0	17,0	17	4,0	11,0	22,0	25	6,0	14,0	28,0	32	
37	2592	3240	3888	0,090	MB-6431	900	300	2,0	6,0	17,0	20	4,0	11,0	22,0	29	6,0	14,0	28,0	380	
38	2592	3240	3888	0,090	MB-6612	350	600					5,0	8,0	17,0	19	7,0	10,0	22,0	25	
39	2592	3240	3888	0,090	MB-6621	700	300					5,0	8,0	17,0	20	7,0	10,0	22,0	26	
40	2592	3240	3888	0,090	MB-6811,5	400	450									4,0	9,0	19,0	21	
41	3110	3888	4666	0,108	MB-6513	480	900	7,0	10,0	14,0	29	9,0	14,0	20,0	42	11,0	18,0	25,0	55	
42	3110	3888	4666	0,108	MB-6521,5	960	450	7,0	10,0	14,0	30	9,0	14,0	20,0	42	11,0	18,0	25,0	55	
43	3110	3888	4666	0,108	MB-6712	540	600					9,0	10,0	15,0	28	10,0	14,0	19,0	37	
44	3110	3888	4666	0,108	MB-6721	1080	300					9,0	10,0	15,0	34	10,0	14,0	19,0	44	
45	3110	3888	4666	0,108	MB-6911,5	600	450									8,0	12,0	17,0	31	
46	3240	4050	4860	0,113	MB-6051,5	750	450	4,0	9,0	13,0	21	6,0	13,0	16,0	30	8,0	17,0	19,0	39	
47	3456	4320	5184	0,120	MB-6024	300	1200	2,0	5,0	17,0	26	2,0	8,0	21,0	38	3,0	10,0	26,0	49	
48	3456	4320	5184	0,120	MB-6042	600	600	2,0	5,0	17,0	19	2,0	8,0	21,0	26	3,0	10,0	26,0	34	
49	3456	4320	5184	0,120	MB-6222	400	600									2,0	5,0	19,0	26	
50	3456	4320	5184	0,120	MB-6241	800	300									2,0	5,0	19,0	30	

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
26	9,0	15,0	20,0	29	10,0	17,0	23,0	34	11,0	19,0	27,0	39	12,0	22,0	30,0	44	16,0	26,0	36,0	55	18,0	31,0	43,0	66
27	4,0	12,0	31,0	36	4,0	14,0	36,0	43	4,0	17,0	41,0	50	5,0	19,0	46,0	57								
28	12,0	16,0	23,0	37	14,0	19,0	26,0	44	17,0	22,0	30,0	50	19,0	24,0	34,0	57	23,0	30,0	38,0	71				
29	4,0	12,0	31,0	47	4,0	14,0	36,0	55	4,0	17,0	41,0	64	5,0	19,0	46,0	73								
30	4,0	12,0	31,0	40	4,0	14,0	36,0	47	4,0	17,0	41,0	55	5,0	19,0	46,0	62								
31	4,0	12,0	31,0	34	4,0	14,0	36,0	41	4,0	17,0	41,0	47	5,0	19,0	46,0	54								
32	3,0	7,0	22,0	34	3,0	9,0	25,0	40	3,0	10,0	29,0	46	3,0	11,0	32,0	52	4,0	14,0	40,0	64	5,0	16,0	47,0	77
33	3,0	7,0	22,0	25	3,0	9,0	25,0	30	3,0	10,0	29,0	35	3,0	11,0	32,0	40	4,0	14,0	40,0	49	5,0	16,0	47,0	59
34	3,0	7,0	22,0	26	3,0	9,0	25,0	31	3,0	10,0	29,0	36	3,0	11,0	32,0	41	4,0	14,0	40,0	51	5,0	16,0	47,0	61
35	7,0	18,0	33,0	47	9,0	21,0	38,0	55	9,0	24,0	44,0	64	11,0	27,0	48,0	73								
36	7,0	18,0	33,0	40	9,0	21,0	38,0	47	9,0	24,0	44,0	55	11,0	27,0	48,0	62								
37	7,0	18,0	33,0	47	9,0	21,0	38,0	55	9,0	24,0	44,0	64	11,0	27,0	48,0	73								
38	8,0	13,0	27,0	31	9,0	15,0	31,0	37	10,0	18,0	36,0	42	12,0	20,0	41,0	48	14,0	24,0	50,0	60				
39	8,0	13,0	27,0	32	9,0	15,0	31,0	38	10,0	18,0	36,0	44	12,0	20,0	41,0	49	14,0	24,0	50,0	61				
40	6,0	11,0	23,0	25	7,0	13,0	27,0	30	8,0	15,0	31,0	35	9,0	18,0	35,0	40	10,0	21,0	43,0	49	11,0	24,0	50,0	59
41	14,0	22,0	31,0	68	17,0	26,0	37,0	81	19,0	29,0	37,0	93	21,0	30,0	37,0	106								
42	14,0	22,0	31,0	68	17,0	26,0	37,0	81	19,0	29,0	37,0	94	21,0	30,0	37,0	107								
43	12,0	16,0	23,0	46	14,0	19,0	26,0	54	17,0	22,0	30,0	63	19,0	24,0	34,0	72	23,0	30,0	38,0	89				
44	12,0	16,0	23,0	55	14,0	19,0	26,0	65	17,0	22,0	30,0	75	19,0	24,0	34,0	85	23,0	30,0	38,0	106				
45	9,0	15,0	20,0	38	10,0	17,0	23,0	45	11,0	19,0	27,0	52	12,0	22,0	30,0	59	16,0	26,0	36,0	73	18,0	31,0	43,0	87
46	9,0	20,0	23,0	48	10,0	24,0	27,0	57	11,0	27,5	31,0	66	12,0	31,0	35,0	75								
47	4,0	12,0	31,0	60	4,0	14,0	36,0	71	4,0	17,0	41,0	82	5,0	19,0	46,0	94								
48	4,0	12,0	31,0	42	4,0	14,0	36,0	50	4,0	17,0	41,0	58	5,0	19,0	46,0	66								
49	3,0	7,0	22,0	32	3,0	9,0	25,0	38	3,0	10,0	29,0	44	3,0	11,0	32,0	49	4,0	14,0	40,0	61	5,0	16,0	47,0	73
50	3,0	7,0	22,0	37	3,0	9,0	25,0	44	3,0	10,0	29,0	51	3,0	11,0	32,0	58	4,0	14,0	40,0	72	5,0	16,0	47,0	85

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
51	3456	4320	5184	0,120	MB-6414	300	1200	2,0	6,0	17,0	26	4,0	11,0	22,0	38	6,0	14,0	28,0	49
52	3456	4320	5184	0,120	MB-6422	600	600	2,0	6,0	17,0	21	4,0	11,0	22,0	31	6,0	14,0	28,0	40
53	3456	4320	5184	0,120	MB-6812	400	600									4,0	9,0	19,0	26
54	3456	4320	5184	0,120	MB-6821	800	300									4,0	9,0	19,0	27
55	3888	4860	5832	0,135	MB-6033	450	900	2,0	5,0	17,0	26	2,0	8,0	21,0	38	3,0	10,0	26,0	49
56	3888	4860	5832	0,135	MB-6231,5	600	450									2,0	5,0	19,0	28
57	3888	4860	5832	0,135	MB-6431,5	900	450	2,0	6,0	17,0	26	4,0	11,0	22,0	38	6,0	14,0	28,0	49
58	3888	4860	5832	0,135	MB-6613	350	900					5,0	8,0	17,0	30	7,0	10,0	22,0	39
59	3888	4860	5832	0,135	MB-6621,5	700	450					5,0	8,0	17,0	26	7,0	10,0	22,0	34
60	3888	4860	5832	0,135	MB-6631	1050	300					5,0	8,0	17,0	31	7,0	10,0	22,0	40
61	4147	5184	6221	0,144	MB-6514	480	1200	7,0	10,0	14,0	37	9,0	14,0	20,0	54	11,0	18,0	25,0	70
62	4147	5184	6221	0,144	MB-6522	960	600	7,0	10,0	14,0	36	9,0	14,0	20,0	52	11,0	18,0	25,0	68
63	4147	5184	6221	0,144	MB-6912	600	600									8,0	12,0	17,0	38
64	4147	5184	6221	0,144	MB-6921	1200	300									8,0	12,0	17,0	46
65	4320	5400	6480	0,150	MB-6052	750	600	2,0	5,0	17,0	26	2,0	8,0	21,0	37	3,0	10,0	26,0	48
66	4666	5832	6998	0,162	MB-6531,5	1440	450	7,0	10,0	14,0	46	9,0	14,0	20,0	66	11,0	18,0	25,0	86
67	4666	5832	6998	0,162	MB-6713	540	900					9,0	10,0	15,0	43	10,0	14,0	19,0	56
68	4666	5832	6998	0,162	MB-6721,5	1080	450					9,5	14,5	18,5	44	10,0	14,0	19,0	57
69	5184	6480	7776	0,180	MB-6034	450	1200	2,0	5,0	17,0	34	2,0	8,0	21,0	48	3,0	10,0	26,0	63
70	5184	6480	7776	0,180	MB-6043	600	900	2,0	5,0	17,0	28	2,0	8,0	21,0	40	3,0	10,0	26,0	52
71	5184	6480	7776	0,180	MB-6062	900	600	2,0	5,0	17,0	30	2,0	8,0	21,0	43	3,0	10,0	26,0	56
72	5184	6480	7776	0,180	MB-6223	400	900									2,0	5,0	19,0	40
73	5184	6480	7776	0,180	MB-6232	600	600									2,0	5,0	19,0	34
74	5184	6480	7776	0,180	MB-6241,5	800	450									2,0	5,0	19,0	39
75	5184	6480	7776	0,180	MB-6415	480	1500	2,0	6,0	17,0	46	4,0	11,0	22,0	66	6,0	14,0	28,0	86

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000					
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg		
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz			
51	7,0	18,0	33,0	60	9,0	21,0	38,0	71	9,0	24,0	44,0	82	11,0	27,0	48,0	94										
52	7,0	18,0	33,0	50	9,0	21,0	38,0	59	9,0	24,0	44,0	69	11,0	27,0	48,0	78										
53	6,0	11,0	23,0	32	7,0	13,0	27,0	38	8,0	15,0	31,0	44	9,0	18,0	35,0	49	10,0	21,0	43,0	61	11,0	24,0	50,0	73		
54	6,0	11,0	23,0	33	7,0	13,0	27,0	40	8,0	15,0	31,0	46	9,0	18,0	35,0	52	10,0	21,0	43,0	64	11,0	24,0	50,0	77		
55	4,0	12,0	31,0	61	4,0	14,0	36,0	72	4,0	17,0	41,0	83	5,0	19,0	46,0	95										
56	3,0	7,0	22,0	34	3,0	9,0	25,0	41	3,0	10,0	29,0	47	3,0	11,0	32,0	54	4,0	14,0	40,0	67	5,0	16,0	47,0	79		
57	7,0	18,0	33,0	61	9,0	21,0	38,0	72	9,0	24,0	44,0	83	11,0	27,0	48,0	95										
58	8,0	13,0	27,0	48	9,0	15,0	31,0	56	10,0	18,0	36,0	65	12,0	20,0	41,0	74	14,0	24,0	50,0	92						
59	8,0	13,0	27,0	42	9,0	15,0	31,0	49	10,0	18,0	36,0	57	12,0	20,0	41,0	65	14,0	24,0	50,0	81						
60	8,0	13,0	27,0	50	9,0	15,0	31,0	59	10,0	18,0	36,0	68	12,0	20,0	41,0	77	14,0	24,0	50,0	96						
61	14,0	22,0	31,0	87	17,0	26,0	37,0	103	19,0	29,0	37,0	120	21,0	30,0	37,0	137										
62	14,0	22,0	31,0	85	17,0	26,0	37,0	101	19,0	29,0	37,0	117	21,0	30,0	37,0	133										
63	9,0	15,0	20,0	47	10,0	17,0	23,0	56	11,0	19,0	27,0	64	12,0	22,0	30,0	73	16,0	26,0	36,0	91	18,0	31,0	43,0	109		
64	9,0	15,0	20,0	57	10,0	17,0	23,0	68	11,0	19,0	27,0	78	12,0	22,0	30,0	89	16,0	26,0	36,0	110	18,0	31,0	43,0	132		
65	4,0	12,0	31,0	60	4,0	14,0	36,0	71	4,0	17,0	41,0	82	5,0	19,0	46,0	94										
66	14,0	22,0	31,0	106	17,0	26,0	37,0	127	19,0	29,0	37,0	147	21,0	30,0	37,0	167										
67	12,0	16,0	23,0	69	14,0	19,0	26,0	82	17,0	22,0	30,0	95	19,0	24,0	34,0	108	23,0	30,0	38,0	134						
68	12,0	16,0	23,0	71	14,0	19,0	26,0	84	17,0	22,0	30,0	98	19,0	24,0	34,0	111	23,0	30,0	38,0	138						
69	4,0	12,0	31,0	78	4,0	14,0	36,0	92	4,0	17,0	41,0	107	5,0	19,0	46,0	122										
70	4,0	12,0	31,0	64	4,0	14,0	36,0	76	4,0	17,0	41,0	88	5,0	19,0	46,0	99										
71	4,0	12,0	31,0	69	4,0	14,0	36,0	83	4,0	17,0	41,0	96	5,0	19,0	46,0	109										
72	3,0	7,0	22,0	49	3,0	9,0	25,0	58	3,0	10,0	29,0	67	3,0	11,0	32,0	76	4,0	14,0	40,0	94	5,0	16,0	47,0	112		
73	3,0	7,0	22,0	42	3,0	9,0	25,0	50	3,0	10,0	29,0	58	3,0	11,0	32,0	66	4,0	14,0	40,0	82	5,0	16,0	47,0	98		
74	3,0	7,0	22,0	48	3,0	9,0	25,0	56	3,0	10,0	29,0	65	3,0	11,0	32,0	74	4,0	14,0	40,0	92	5,0	16,0	47,0	110		
75	7,0	18,0	33,0	106	9,0	21,0	38,0	126	9,0	24,0	44,0	147	11,0	27,0	48,0	167										

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	0					B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	8 m/s	10 m/s	12 m/s					125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
76	5184	6480	7776	0,180	MB-6423	600	900	2,0	6,0	17,0	32	4,0	11,0	22,0	46	6,0	14,0	28,0	60
77	5184	6480	7776	0,180	MB-6432	900	600	2,0	6,0	17,0	32	4,0	11,0	22,0	46	6,0	14,0	28,0	60
78	5184	6480	7776	0,180	MB-6441,5	1200	450	2,0	6,0	17,0	34	4,0	11,0	22,0	48	6,0	14,0	28,0	63
79	5184	6480	7776	0,180	MB-6614	350	1200					5,0	8,0	17,0	38	7,0	10,0	22,0	50
80	5184	6480	7776	0,180	MB-6622	700	600					5,0	8,0	17,0	32	7,0	10,0	22,0	42
81	5184	6480	7776	0,180	MB-6813	400	900									4,0	9,0	19,0	40
82	5184	6480	7776	0,180	MB-6821,5	800	450									4,0	9,0	19,0	35
83	5184	6480	7776	0,180	MB-6831	1200	300									4,0	9,0	19,0	43
84	5832	7290	8748	0,203	MB-6631,5	1050	450					5,0	8,0	17,0	40	7,0	10,0	22,0	52
85	6221	7776	9331	0,216	MB-6523	960	900	7,0	10,0	14,0	50	9,0	14,0	20,0	72	11,0	18,0	25,0	94
86	6221	7776	9331	0,216	MB-6532	1440	600	7,0	10,0	14,0	56	9,0	14,0	20,0	81	11,0	18,0	25,0	105
87	6221	7776	9331	0,216	MB-6714	540	1200					9,0	10,0	15,0	55	10,0	14,0	19,0	71
88	6221	7776	9331	0,216	MB-6722	1080	600					9,0	10,0	15,0	54	10,0	14,0	19,0	70
89	6221	7776	9331	0,216	MB-6913	600	900									8,0	12,0	17,0	57
90	6221	7776	9331	0,216	MB-6921,5	1200	450									8,0	12,0	17,0	59
91	6480	8100	9720	0,225	MB-6053	750	900	2,0	5,0	17,0	38	2,0	8,0	21,0	55	3,0	10,0	26,0	72
92	6480	8100	9720	0,225	MB-6251,5	1000	450									2,0	5,0	19,0	46
93	6480	8100	9720	0,225	MB-6451,5	1500	450	2,0	6,0	17,0	45	4,0	11,0	22,0	65	6,0	14,0	28,0	84
94	6912	8640	10368	0,240	MB-6044	600	1200	2,0	5,0	17,0	35	2,0	8,0	21,0	50	3,0	10,0	26,0	66
95	6912	8640	10368	0,240	MB-6242	800	600									2,0	5,0	19,0	47
96	6912	8640	10368	0,240	MB-6424	600	1200	2,0	6,0	17,0	41	4,0	11,0	22,0	59	6,0	14,0	28,0	77
97	6912	8640	10368	0,240	MB-6442	1200	600	2,0	6,0	17,0	41	4,0	11,0	22,0	59	6,0	14,0	28,0	77
98	6912	8640	10368	0,240	MB-6814	400	1200									4,0	9,0	19,0	50
99	6912	8640	10368	0,240	MB-6822	800	600									4,0	9,0	19,0	43
100	7776	9720	11664	0,270	MB-6063	900	900	2,0	5,0	17,0	44	2,0	8,0	21,0	63	3,0	10,0	26,0	83

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000					
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg		
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz			
76	7,0	18,0	33,0	75	9,0	21,0	38,0	89	9,0	24,0	44,0	103	11,0	27,0	48,0	117										
77	7,0	18,0	33,0	75	9,0	21,0	38,0	89	9,0	24,0	44,0	103	11,0	27,0	48,0	117										
78	7,0	18,0	33,0	78	9,0	21,0	38,0	92	9,0	24,0	44,0	107	11,0	27,0	48,0	122										
79	8,0	13,0	27,0	61	9,0	15,0	31,0	72	10,0	18,0	36,0	84	12,0	20,0	41,0	95	14,0	24,0	50,0	118						
80	8,0	13,0	27,0	51	9,0	15,0	31,0	61	10,0	18,0	36,0	71	12,0	20,0	41,0	81	14,0	24,0	50,0	100						
81	6,0	11,0	23,0	49	7,0	13,0	27,0	58	8,0	15,0	31,0	67	9,0	18,0	35,0	76	10,0	21,0	43,0	94	11,0	24,0	50,0	112		
82	6,0	11,0	23,0	43	7,0	13,0	27,0	51	8,0	15,0	31,0	60	9,0	18,0	35,0	68	10,0	21,0	43,0	84	11,0	24,0	50,0	100		
83	6,0	11,0	23,0	53	7,0	13,0	27,0	62	8,0	15,0	31,0	72	9,0	18,0	35,0	82	10,0	21,0	43,0	102	11,0	24,0	50,0	121		
84	8,0	13,0	27,0	64	9,0	15,0	31,0	76	10,0	18,0	36,0	88	12,0	20,0	41,0	99	14,0	24,0	50,0	123						
85	14,0	22,0	31,0	117	17,0	26,0	37,0	139	19,0	29,0	37,0	162	21,0	30,0	37,0	184										
86	14,0	22,0	31,0	130	17,0	26,0	37,0	155	19,0	29,0	37,0	179	21,0	30,0	37,0	204										
87	12,0	16,0	23,0	88	14,0	19,0	26,0	105	17,0	22,0	30,0	122	19,0	24,0	34,0	138	23,0	30,0	38,0	172						
88	12,0	16,0	23,0	87	14,0	19,0	26,0	103	17,0	22,0	30,0	120	19,0	24,0	34,0	137	23,0	30,0	38,0	170						
89	9,0	15,0	20,0	70	10,0	17,0	23,0	83	11,0	19,0	27,0	97	12,0	22,0	30,0	110	16,0	26,0	36,0	136	18,0	31,0	43,0	163		
90	9,0	15,0	20,0	73	10,0	17,0	23,0	87	11,0	19,0	27,0	101	12,0	22,0	30,0	115	16,0	26,0	36,0	142	18,0	31,0	43,0	170		
91	4,0	12,0	31,0	89	4,0	14,0	36,0	105	4,0	17,0	41,0	122	5,0	19,0	46,0	139										
92	3,0	7,0	22,0	57	3,0	9,0	25,0	68	3,0	10,0	29,0	78	3,0	11,0	32,0	89	4,0	14,0	40,0	111	5,0	16,0	47,0	132		
93	7,0	18,0	33,0	104	9,0	21,0	38,0	123	9,0	24,0	44,0	143	11,0	27,0	48,0	162										
94	4,0	12,0	31,0	81	4,0	14,0	36,0	96	4,0	17,0	41,0	111	5,0	19,0	46,0	126										
95	3,0	7,0	22,0	58	3,0	9,0	25,0	69	3,0	10,0	29,0	80	3,0	11,0	32,0	91	4,0	14,0	40,0	112	5,0	16,0	47,0	134		
96	7,0	18,0	33,0	95	9,0	21,0	38,0	113	9,0	24,0	44,0	132	11,0	27,0	48,0	150										
97	7,0	18,0	33,0	95	9,0	21,0	38,0	113	9,0	24,0	44,0	132	11,0	27,0	48,0	150										
98	6,0	11,0	23,0	62	7,0	13,0	27,0	74	8,0	15,0	31,0	85	9,0	18,0	35,0	97	10,0	21,0	43,0	120	11,0	24,0	50,0	143		
99	6,0	11,0	23,0	53	7,0	13,0	27,0	63	8,0	15,0	31,0	73	9,0	18,0	35,0	83	10,0	21,0	43,0	103	11,0	24,0	50,0	123		
100	4,0	12,0	31,0	103	4,0	14,0	36,0	122	4,0	17,0	41,0	142	5,0	19,0	46,0	161										

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000				
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		
101	7776	9720	11664	0,270	MB-6233	600	900										2,0	5,0	19,0	52
102	7776	9720	11664	0,270	MB-6433	900	900	2,0	6,0	17,0	44	4,0	11,0	22,0	63	6,0	14,0	28,0	83	
103	7776	9720	11664	0,270	MB-6623	700	900					5,0	8,0	17,0	48	7,0	10,0	22,0	62	
104	7776	9720	11664	0,270	MB-6632	1050	600					5,0	8,0	17,0	48	7,0	10,0	22,0	63	
105	7776	9720	11664	0,270	MB-6641,5	1400	450					5,0	8,0	17,0	51	7,0	10,0	22,0	66	
106	7776	9720	11664	0,270	MB-6715	540	1500					9,0	10,0	15,0	73	10,0	14,0	19,0	95	
107	7776	9720	11664	0,270	MB-6831,5	1200	450									4,0	9,0	19,0	54	
108	8294	10368	12442	0,288	MB-6524	960	1200	7,0	10,0	14,0	63	9,0	14,0	20,0	92	11,0	18,0	25,0	121	
109	8294	10368	12442	0,288	MB-6542	1920	600	7,0	10,0	14,0	72	9,0	14,0	20,0	104	11,0	18,0	25,0	136	
110	8294	10368	12442	0,288	MB-6914	600	1200									9,5	14,5	18,5	72	
111	8294	10368	12442	0,288	MB-6922	1200	600									8,0	12,0	17,0	72	
112	8640	10800	12960	0,300	MB-6045	600	1500	2,0	5,0	17,0	54	2,0	8,0	21,0	78	3,0	10,0	26,0	102	
113	8640	10800	12960	0,300	MB-6054	750	1200	2,0	5,0	17,0	48	2,0	8,0	21,0	70	3,0	10,0	26,0	91	
114	8640	10800	12960	0,300	MB-6252	1000	600									2,0	5,0	19,0	56	
115	8640	10800	12960	0,300	MB-6452	1500	600	2,0	6,0	17,0	54	4,0	11,0	22,0	78	6,0	14,0	28,0	102	
116	9072	11340	13608	0,315	MB-6073	1050	900	2,0	5,0	17,0	50	2,0	8,0	21,0	72	3,0	10,0	26,0	94	
117	9331	11664	13997	0,324	MB-6533	1440	900	7,0	10,0	14,0	75	9,0	14,0	20,0	109	11,0	18,0	25,0	143	
118	9331	11664	13997	0,324	MB-6723	1080	900					9,0	10,0	15,0	74	10,0	14,0	19,0	97	
119	9331	11664	13997	0,324	MB-6931,5	1800	450									8,0	12,0	17,0	94	
120	10368	12960	15552	0,360	MB-6064	900	1200	2,0	5,0	17,0	55	2,0	8,0	21,0	81	3,0	10,0	26,0	106	
121	10368	12960	15552	0,360	MB-6234	600	1200									2,0	5,0	19,0	66	
122	10368	12960	15552	0,360	MB-6243	800	900									2,0	5,0	19,0	64	
123	10368	12960	15552	0,360	MB-6262	1200	600									2,0	5,0	19,0	66	
124	10368	12960	15552	0,360	MB-6426	600	1800	2,0	6,0	17,0	64	4,0	11,0	22,0	92	6,0	14,0	28,0	120	
125	10368	12960	15552	0,360	MB-6434	900	1200	2,0	6,0	17,0	55	4,0	11,0	22,0	81	6,0	14,0	28,0	106	

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
101	3,0	7,0	22,0	64	3,0	9,0	25,0	76	3,0	10,0	29,0	88	3,0	11,0	32,0	99	4,0	14,0	40,0	123	5,0	16,0	47,0	147
102	7,0	18,0	33,0	103	9,0	21,0	38,0	122	9,0	24,0	44,0	142	11,0	27,0	48,0	161								
103	8,0	13,0	27,0	77	9,0	15,0	31,0	91	10,0	18,0	36,0	106	12,0	20,0	41,0	120	14,0	24,0	50,0	149				
104	8,0	13,0	27,0	78	9,0	15,0	31,0	92	10,0	18,0	36,0	107	12,0	20,0	41,0	122	14,0	24,0	50,0	151				
105	8,0	13,0	27,0	82	9,0	15,0	31,0	97	10,0	18,0	36,0	113	12,0	20,0	41,0	128	14,0	24,0	50,0	159				
106	12,0	16,0	23,0	117	14,0	19,0	26,0	139	17,0	22,0	30,0	161	19,0	24,0	34,0	183	23,0	30,0	38,0	227				
107	6,0	11,0	23,0	67	7,0	13,0	27,0	79	8,0	15,0	31,0	92	9,0	18,0	35,0	104	10,0	21,0	43,0	129	11,0	24,0	50,0	154
108	14,0	22,0	31,0	149	17,0	26,0	37,0	178	19,0	29,0	37,0	207	21,0	30,0	37,0	235								
109	14,0	22,0	31,0	168	17,0	26,0	37,0	200	19,0	29,0	37,0	232	21,0	30,0	37,0	264								
110	11,0	18,5	22,0	89	12,5	21,0	26,0	106	14,0	24,0	29,5	123	15,5	27,0	33,0	140	19,5	32,5	40,5	174	23,0	38,5	47,5	208
111	9,0	15,0	20,0	89	10,0	17,0	23,0	106	11,0	19,0	27,0	123	12,0	22,0	30,0	140	16,0	26,0	36,0	174	18,0	31,0	43,0	208
112	4,0	12,0	31,0	126	4,0	14,0	36,0	149	4,0	17,0	41,0	173	5,0	19,0	46,0	197								
113	4,0	12,0	31,0	113	4,0	14,0	36,0	134	4,0	17,0	41,0	156	5,0	19,0	46,0	178								
114	3,0	7,0	22,0	69	3,0	9,0	25,0	82	3,0	10,0	29,0	95	3,0	11,0	32,0	108	4,0	14,0	40,0	134	5,0	16,0	47,0	161
115	7,0	18,0	33,0	126	9,0	21,0	38,0	149	9,0	24,0	44,0	173	11,0	27,0	48,0	197								
116	4,0	12,0	31,0	117	4,0	14,0	36,0	139	4,0	17,0	41,0	161	5,0	19,0	46,0	183								
117	14,0	22,0	31,0	177	17,0	26,0	37,0	211	19,0	29,0	37,0	244	21,0	30,0	37,0	278								
118	12,0	16,0	23,0	119	14,0	19,0	26,0	142	17,0	22,0	30,0	165	19,0	24,0	34,0	188	23,0	30,0	38,0	234				
119	9,0	15,0	20,0	116	10,0	17,0	23,0	137	11,0	19,0	27,0	159	12,0	22,0	30,0	181	16,0	26,0	36,0	224	18,0	31,0	43,0	267
120	4,0	12,0	31,0	131	4,0	14,0	36,0	156	4,0	17,0	41,0	181	5,0	19,0	46,0	206								
121	3,0	7,0	22,0	81	3,0	9,0	25,0	96	3,0	10,0	29,0	111	3,0	11,0	32,0	126	4,0	14,0	40,0	157	5,0	16,0	47,0	187
122	3,0	7,0	22,0	79	3,0	9,0	25,0	94	3,0	10,0	29,0	108	3,0	11,0	32,0	123	4,0	14,0	40,0	153	5,0	16,0	47,0	183
123	3,0	7,0	22,0	81	3,0	9,0	25,0	96	3,0	10,0	29,0	111	3,0	11,0	32,0	126	4,0	14,0	40,0	157	5,0	16,0	47,0	187
124	7,0	18,0	33,0	148	9,0	21,0	38,0	176	9,0	24,0	44,0	204	11,0	27,0	48,0	232								
125	7,0	18,0	33,0	131	9,0	21,0	38,0	156	9,0	24,0	44,0	181	11,0	27,0	48,0	206								

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
126	10368	12960	15552	0,360	MB-6443	1200	900	2,0	6,0	17,0	55	4,0	11,0	22,0	81	6,0	14,0	28,0	106
127	10368	12960	15552	0,360	MB-6525	960	1500	7,0	10,0	14,0	82	9,0	14,0	20,0	119	11,0	18,0	25,0	156
128	10368	12960	15552	0,360	MB-6552	2400	600	7,0	10,0	14,0	88	9,0	14,0	20,0	128	11,0	18,0	25,0	167
129	10368	12960	15552	0,360	MB-6624	700	1200					5,0	8,0	17,0	60	7,0	10,0	22,0	79
130	10368	12960	15552	0,360	MB-6642	1400	600					5,0	8,0	17,0	62	7,0	10,0	22,0	81
131	10368	12960	15552	0,360	MB-6823	800	900									4,0	9,0	19,0	64
132	10368	12960	15552	0,360	MB-6832	1200	600									4,0	9,0	19,0	66
133	10368	12960	15552	0,360	MB-6841,5	1600	450									4,0	9,0	19,0	77
134	10368	12960	15552	0,360	MB-6915	600	1500									8,0	12,0	17,0	88
135	10800	13500	16200	0,375	MB-6055	750	1500	2,0	5,0	17,0	63	2,0	8,0	21,0	91	3,0	10,0	26,0	119
136	11664	14580	17496	0,405	MB-6633	1050	900					5,0	8,0	17,0	65	7,0	10,0	22,0	86
137	12096	15120	18144	0,420	MB-6074	1050	1200	2,0	5,0	17,0	63	2,0	8,0	21,0	91	3,0	10,0	26,0	120
138	12096	15120	18144	0,420	MB-6272	1400	600									2,0	5,0	19,0	75
139	12442	15552	18662	0,432	MB-6526	960	1800	7,0	10,0	14,0	96	9,0	14,0	20,0	139	11,0	18,0	25,0	183
140	12442	15552	18662	0,432	MB-6534	1440	1200	7,0	10,0	14,0	94	9,0	14,0	20,0	137	11,0	18,0	25,0	181
141	12442	15552	18662	0,432	MB-6543	1920	900	7,0	10,0	14,0	97	9,0	14,0	20,0	140	11,0	18,0	25,0	184
142	12442	15552	18662	0,432	MB-6724	1080	1200					9,0	10,0	15,0	93	10,0	14,0	19,0	123
143	12442	15552	18662	0,432	MB-6742	2160	600					9,0	10,0	15,0	108	10,0	14,0	19,0	141
144	12442	15552	18662	0,432	MB-6923	1200	900									8,0	12,0	17,0	99
145	12442	15552	18662	0,432	MB-6932	1800	600									8,0	12,0	17,0	113
146	12442	15552	18662	0,432	MB-6941,5	2400	450									8,0	12,0	17,0	122
147	12960	16200	19440	0,450	MB-6056	750	1800	2,0	5,0	17,0	74	2,0	8,0	21,0	107	3,0	10,0	26,0	140
148	12960	16200	19440	0,450	MB-6065	900	1500	2,0	5,0	17,0	72	2,0	8,0	21,0	105	3,0	10,0	26,0	137
149	12960	16200	19440	0,450	MB-6253	1000	900									2,0	5,0	19,0	76
150	12960	16200	19440	0,450	MB-6435	900	1500	2,0	6,0	17,0	72	4,0	11,0	22,0	105	6,0	14,0	28,0	137

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000						
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg			
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz				
126	7,0	18,0	33,0	131	9,0	21,0	38,0	156	9,0	24,0	44,0	181	11,0	27,0	48,0	206											
127	14,0	22,0	31,0	193	17,0	26,0	37,0	230	19,0	29,0	37,0	267	21,0	30,0	37,0	304											
128	14,0	22,0	31,0	206	17,0	26,0	37,0	246	19,0	29,0	37,0	285	21,0	30,0	37,0	325											
129	8,0	13,0	27,0	97	9,0	15,0	31,0	116	10,0	18,0	36,0	134	12,0	20,0	41,0	153	14,0	24,0	50,0	190							
130	8,0	13,0	27,0	99	9,0	15,0	31,0	118	10,0	18,0	36,0	137	12,0	20,0	41,0	156	14,0	24,0	50,0	194							
131	6,0	11,0	23,0	79	7,0	13,0	27,0	94	8,0	15,0	31,0	108	9,0	18,0	35,0	123	10,0	21,0	43,0	153	11,0	24,0	50,0	183			
132	6,0	11,0	23,0	81	7,0	13,0	27,0	96	8,0	15,0	31,0	111	9,0	18,0	35,0	126	10,0	21,0	43,0	157	11,0	24,0	50,0	187			
133	6,0	11,0	23,0	95	7,0	13,0	27,0	113	8,0	15,0	31,0	131	9,0	18,0	35,0	148	10,0	21,0	43,0	184	11,0	24,0	50,0	219			
134	9,0	15,0	20,0	109	10,0	17,0	23,0	129	11,0	19,0	27,0	150	12,0	22,0	30,0	171	16,0	26,0	36,0	212	18,0	31,0	43,0	253			
135	4,0	12,0	31,0	148	4,0	14,0	36,0	176	4,0	17,0	41,0	204	5,0	19,0	46,0	232											
136	8,0	13,0	27,0	106	9,0	15,0	31,0	126	10,0	18,0	36,0	146	12,0	20,0	41,0	166	14,0	24,0	50,0	206							
137	4,0	12,0	31,0	148	4,0	14,0	36,0	177	4,0	17,0	41,0	205	5,0	19,0	46,0	234											
138	3,0	7,0	22,0	92	3,0	9,0	25,0	109	3,0	10,0	29,0	127	3,0	11,0	32,0	144	4,0	14,0	40,0	179	5,0	16,0	47,0	214			
139	14,0	22,0	31,0	227	17,0	26,0	37,0	270	19,0	29,0	37,0	314	21,0	30,0	37,0	357											
140	14,0	22,0	31,0	224	17,0	26,0	37,0	267	19,0	29,0	37,0	310	21,0	30,0	37,0	353											
141	14,0	22,0	31,0	228	17,0	26,0	37,0	272	19,0	29,0	37,0	316	21,0	30,0	37,0	360											
142	12,0	16,0	23,0	152	14,0	19,0	26,0	181	17,0	22,0	30,0	210	19,0	24,0	34,0	239	23,0	30,0	38,0	298							
143	12,0	16,0	23,0	174	14,0	19,0	26,0	207	17,0	22,0	30,0	240	19,0	24,0	34,0	274	23,0	30,0	38,0	340							
144	9,0	15,0	20,0	122	10,0	17,0	23,0	145	11,0	19,0	27,0	168	12,0	22,0	30,0	192	16,0	26,0	36,0	238	18,0	31,0	43,0	285			
145	9,0	15,0	20,0	139	10,0	17,0	23,0	165	11,0	19,0	27,0	192	12,0	22,0	30,0	218	16,0	26,0	36,0	270	18,0	31,0	43,0	323			
146	9,0	15,0	20,0	150	10,0	17,0	23,0	179	11,0	19,0	27,0	207	12,0	22,0	30,0	235	16,0	26,0	36,0	292	18,0	31,0	43,0	348			
147	4,0	12,0	31,0	173	4,0	14,0	36,0	206	4,0	17,0	41,0	239	5,0	19,0	46,0	272											
148	4,0	12,0	31,0	170	4,0	14,0	36,0	202	4,0	17,0	41,0	234	5,0	19,0	46,0	267											
149	3,0	7,0	22,0	94	3,0	9,0	25,0	111	3,0	10,0	29,0	129	3,0	11,0	32,0	147	4,0	14,0	40,0	182	5,0	16,0	47,0	218			
150	7,0	18,0	33,0	170	9,0	21,0	38,0	202	9,0	24,0	44,0	234	11,0	27,0	48,0	267											

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
151	12960	16200	19440	0,450	MB-6453	1500	900	2,0	6,0	17,0	72	4,0	11,0	22,0	105	6,0	14,0	28,0	137
152	12960	16200	19440	0,450	MB-6625	700	1500					5,0	8,0	17,0	80	7,0	10,0	22,0	104
153	12960	16200	19440	0,450	MB-6652	1750	600					5,0	8,0	17,0	82	7,0	10,0	22,0	107
154	13824	17280	20736	0,480	MB-6084	1200	1200	2,0	5,0	17,0	70	2,0	8,0	21,0	102	3,0	10,0	26,0	134
155	13824	17280	20736	0,480	MB-6244	800	1200									2,0	5,0	19,0	69
156	13824	17280	20736	0,480	MB-6282	1600	600									2,0	5,0	19,0	92
157	13824	17280	20736	0,480	MB-6444	1200	1200	2,0	6,0	17,0	70	4,0	11,0	22,0	102	6,0	14,0	28,0	134
158	13824	17280	20736	0,480	MB-6824	800	1200									4,0	9,0	19,0	81
159	13824	17280	20736	0,480	MB-6842	1600	600									4,0	9,0	19,0	92
160	13997	17496	20995	0,486	MB-6733	1620	900					9,0	10,0	15,0	112	10,0	14,0	19,0	147
161	14515	18144	21773	0,504	MB-6527	960	2100	7,0	10,0	14,0	110	9,0	14,0	20,0	160	11,0	18,0	25,0	210
162	15120	18900	22680	0,525	MB-6075	1050	1500	2,0	5,0	17,0	81	2,0	8,0	21,0	118	3,0	10,0	26,0	155
163	15552	19440	23328	0,540	MB-6066	900	1800	2,0	5,0	17,0	85	2,0	8,0	21,0	123	3,0	10,0	26,0	161
164	15552	19440	23328	0,540	MB-6263	1200	900									2,0	5,0	19,0	88
165	15552	19440	23328	0,540	MB-6436	900	1800	2,0	6,0	17,0	85	4,0	11,0	22,0	123	6,0	14,0	28,0	161
166	15552	19440	23328	0,540	MB-6463	1800	900	2,0	6,0	17,0	85	4,0	11,0	22,0	123	6,0	14,0	28,0	161
167	15552	19440	23328	0,540	MB-6535	1440	1500	7,0	10,0	14,0	114	9,0	14,0	20,0	166	11,0	18,0	25,0	218
168	15552	19440	23328	0,540	MB-6553	2400	900	7,0	10,0	14,0	118	9,0	14,0	20,0	172	11,0	18,0	25,0	226
169	15552	19440	23328	0,540	MB-6634	1050	1200					5,0	8,0	17,0	83	7,0	10,0	22,0	108
170	15552	19440	23328	0,540	MB-6643	1400	900					5,0	8,0	17,0	83	7,0	10,0	22,0	109
171	15552	19440	23328	0,540	MB-6662	2100	600					5,0	8,0	17,0	97	7,0	10,0	22,0	167
172	15552	19440	23328	0,540	MB-6725	1080	1500					9,0	10,0	15,0	121	10,0	14,0	19,0	158
173	15552	19440	23328	0,540	MB-6752	2700	600					9,0	10,0	15,0	133	10,0	14,0	19,0	173
174	15552	19440	23328	0,540	MB-6833	1200	900									4,0	9,0	19,0	88
175	16589	20736	24883	0,576	MB-6544	1920	1200	7,0	10,0	14,0	121	9,0	14,0	20,0	177	11,0	18,0	25,0	232

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000																	
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg														
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz															
151	7,0	18,0	33,0	170	9,0	21,0	38,0	202	9,0	24,0	44,0	234	11,0	27,0	48,0	267																						
152	8,0	13,0	27,0	128	9,0	15,0	31,0	152	10,0	18,0	36,0	177	12,0	20,0	41,0	201	14,0	24,0	50,0	249																		
153	8,0	13,0	27,0	132	9,0	15,0	31,0	157	10,0	18,0	36,0	182	12,0	20,0	41,0	207	14,0	24,0	50,0	256																		
154	4,0	12,0	31,0	166	4,0	14,0	36,0	198	4,0	17,0	41,0	230	5,0	19,0	46,0	262																						
155	3,0	7,0	22,0	85	3,0	9,0	25,0	101	3,0	10,0	29,0	117	3,0	11,0	32,0	133	4,0	14,0	40,0	164	5,0	16,0	47,0	196														
156	3,0	7,0	22,0	114	3,0	9,0	25,0	135	3,0	10,0	29,0	156	3,0	11,0	32,0	178	4,0	14,0	40,0	220	5,0	16,0	47,0	263														
157	7,0	18,0	33,0	166	9,0	21,0	38,0	198	9,0	24,0	44,0	230	11,0	27,0	48,0	262																						
158	6,0	11,0	23,0	99	7,0	13,0	27,0	118	8,0	15,0	31,0	137	9,0	18,0	35,0	156	10,0	21,0	43,0	194	11,0	24,0	50,0	231														
159	6,0	11,0	23,0	114	7,0	13,0	27,0	135	8,0	15,0	31,0	156	9,0	18,0	35,0	178	10,0	21,0	43,0	220	11,0	24,0	50,0	263														
160	12,0	16,0	23,0	181	14,0	19,0	26,0	216	17,0	22,0	30,0	251	19,0	24,0	34,0	285	23,0	30,0	38,0	355																		
161	14,0	22,0	31,0	260	17,0	26,0	37,0	310	19,0	29,0	37,0	361	21,0	30,0	37,0	411																						
162	4,0	12,0	31,0	191	4,0	14,0	36,0	228	4,0	17,0	41,0	265	5,0	19,0	46,0	302																						
163	4,0	12,0	31,0	199	4,0	14,0	36,0	237	4,0	17,0	41,0	275	5,0	19,0	46,0	313																						
164	3,0	7,0	22,0	109	3,0	9,0	25,0	129	3,0	10,0	29,0	150	3,0	11,0	32,0	171	4,0	14,0	40,0	212	5,0	16,0	47,0	253														
165	7,0	18,0	33,0	199	9,0	21,0	38,0	237	9,0	24,0	44,0	275	11,0	27,0	48,0	313																						
166	7,0	18,0	33,0	199	9,0	21,0	38,0	237	9,0	24,0	44,0	275	11,0	27,0	48,0	313																						
167	14,0	22,0	31,0	270	17,0	26,0	37,0	32	19,0	29,0	37,0	375	21,0	30,0	37,0	427																						
168	14,0	22,0	31,0	279	17,0	26,0	37,0	333	19,0	29,0	37,0	387	21,0	30,0	37,0	441																						
169	8,0	13,0	27,0	134	9,0	15,0	31,0	159	10,0	18,0	36,0	185	12,0	20,0	41,0	210	14,0	24,0	50,0	261																		
170	8,0	13,0	27,0	135	9,0	15,0	31,0	160	10,0	18,0	36,0	186	12,0	20,0	41,0	212	14,0	24,0	50,0	263																		
171	8,0	13,0	27,0	155	9,0	15,0	31,0	185	10,0	18,0	36,0	214	12,0	20,0	41,0	243	14,0	24,0	50,0	302																		
172	12,0	16,0	23,0	196	14,0	19,0	26,0	233	17,0	22,0	30,0	271	19,0	24,0	34,0	309	23,0	30,0	38,0	384																		
173	12,0	16,0	23,0	214	14,0	19,0	26,0	255	17,0	22,0	30,0	295	19,0	24,0	34,0	336	23,0	30,0	38,0	418																		
174	6,0	11,0	23,0	109	7,0	13,0	27,0	129	8,0	15,0	31,0	150	9,0	18,0	35,0	171	10,0	21,0	43,0	212	11,0	24,0	50,0	253														
175	14,0	22,0	31,0	288	17,0	26,0	37,0	344	19,0	29,0	37,0	399	21,0	30,0	37,0	455																						

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000				
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		
176	16589	20736	24883	0,576	MB-6924	1200	1200										8,0	12,0	17,0	125
177	16589	20736	24883	0,576	MB-6942	2400	600										8,0	12,0	17,0	146
178	17280	21600	25920	0,600	MB-6004	1500	1200	2,0	5,0	17,0	91	2,0	8,0	21,0	131	3,0	10,0	26,0	172	
179	17280	21600	25920	0,600	MB-6085	1200	1500	2,0	5,0	17,0	91	2,0	8,0	21,0	131	3,0	10,0	26,0	172	
180	17280	21600	25920	0,600	MB-6245	800	1500									2,0	5,0	19,0	106	
181	17280	21600	25920	0,600	MB-6254	1000	1200									2,0	5,0	19,0	96	
182	17280	21600	25920	0,600	MB-6445	1200	1500	2,0	6,0	17,0	91	4,0	11,0	22,0	131	6,0	14,0	28,0	172	
183	17280	21600	25920	0,600	MB-6454	1500	1200	2,0	6,0	17,0	91	4,0	11,0	22,0	131	6,0	14,0	28,0	172	
184	17280	21600	25920	0,600	MB-6825	800	1500									4,0	9,0	19,0	106	
185	17280	21600	25920	0,600	MB-6852	2000	600									4,0	9,0	19,0	112	
186	18144	22680	27216	0,630	MB-6076	1050	1800	2,0	5,0	17,0	95	2,0	8,0	21,0	138	3,0	10,0	26,0	181	
187	18144	22680	27216	0,630	MB-6273	1400	900									2,0	5,0	19,0	100	
188	18144	22680	27216	0,630	MB-6437	900	2100	2,0	6,0	17,0	97	4,0	11,0	22,0	141	6,0	14,0	28,0	185	
189	18144	22680	27216	0,630	MB-6672	2450	600					5,0	8,0	17,0	111	7,0	10,0	22,0	145	
190	18662	23328	27994	0,648	MB-6536	1440	1800	7,0	10,0	14,0	133	9,0	14,0	20,0	194	11,0	18,0	25,0	256	
191	18662	23328	27994	0,648	MB-6563	2880	900	7,0	10,0	14,0	140	9,0	14,0	20,0	203	11,0	18,0	25,0	267	
192	18662	23328	27994	0,648	MB-6726	1080	1800					9,0	10,0	15,0	141	10,0	14,0	19,0	186	
193	18662	23328	27994	0,648	MB-6734	1620	1200					9,0	10,0	15,0	140	10,0	14,0	19,0	184	
194	18662	23328	27994	0,648	MB-6743	2160	900					9,0	10,0	15,0	144	10,0	14,0	19,0	189	
195	18662	23328	27994	0,648	MB-6933	1800	900									8,0	12,0	17,0	150	
196	19440	24300	29160	0,675	MB-6095	1350	1500	2,0	5,0	17,0	100	2,0	8,0	21,0	145	3,0	10,0	26,0	190	
197	19440	24300	29160	0,675	MB-6635	1050	1500					5,0	8,0	17,0	107	7,0	10,0	22,0	140	
198	19440	24300	29160	0,675	MB-6653	1750	900					5,0	8,0	17,0	109	7,0	10,0	22,0	142	
199	20736	25920	31104	0,720	MB-6086	1200	1800	2,0	5,0	17,0	106	2,0	8,0	21,0	154	3,0	10,0	26,0	202	
200	20736	25920	31104	0,720	MB-6264	1200	1200									2,0	5,0	19,0	111	

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
176	9,0	15,0	20,0	154	10,0	17,0	23,0	184	11,0	19,0	27,0	213	12,0	22,0	30,0	243	16,0	26,0	36,0	302	18,0	31,0	43,0	361
177	9,0	15,0	20,0	180	10,0	17,0	23,0	214	11,0	19,0	27,0	249	12,0	22,0	30,0	283	16,0	26,0	36,0	351	18,0	31,0	43,0	419
179	4,0	12,0	31,0	213	4,0	14,0	36,0	254	4,0	17,0	41,0	295	5,0	19,0	46,0	336								
178	4,0	12,0	31,0	213	4,0	14,0	36,0	254	4,0	17,0	41,0	295	5,0	19,0	46,0	336								
180	3,0	7,0	22,0	131	3,0	9,0	25,0	155	3,0	10,0	29,0	180	3,0	11,0	32,0	205	4,0	14,0	40,0	254	5,0	16,0	47,0	303
181	3,0	7,0	22,0	118	3,0	9,0	25,0	141	3,0	10,0	29,0	163	3,0	11,0	32,0	185	4,0	14,0	40,0	230	5,0	16,0	47,0	275
182	7,0	18,0	33,0	213	9,0	21,0	38,0	254	9,0	24,0	44,0	295	11,0	27,0	48,0	336								
183	7,0	18,0	33,0	213	9,0	21,0	38,0	254	9,0	24,0	44,0	295	11,0	27,0	48,0	336								
184	6,0	11,0	23,0	131	7,0	13,0	27,0	155	8,0	15,0	31,0	180	9,0	18,0	35,0	205	10,0	21,0	43,0	254	11,0	24,0	50,0	303
185	6,0	11,0	23,0	138	7,0	13,0	27,0	164	8,0	15,0	31,0	190	9,0	18,0	35,0	216	10,0	21,0	43,0	268	11,0	24,0	50,0	320
186	4,0	12,0	31,0	225	4,0	14,0	36,0	268	4,0	17,0	41,0	311	5,0	19,0	46,0	354								
187	3,0	7,0	22,0	124	3,0	9,0	25,0	147	3,0	10,0	29,0	171	3,0	11,0	32,0	194	4,0	14,0	40,0	242	5,0	16,0	47,0	289
188	7,0	18,0	33,0	228	9,0	21,0	38,0	272	9,0	24,0	44,0	316	11,0	27,0	48,0	360								
189	8,0	13,0	27,0	179	9,0	15,0	31,0	212	10,0	18,0	36,0	246	12,0	20,0	41,0	280	14,0	24,0	50,0	348				
190	14,0	22,0	31,0	317	17,0	26,0	37,0	379	19,0	29,0	37,0	440	21,0	30,0	37,0	501								
191	14,0	22,0	31,0	331	17,0	26,0	37,0	395	19,0	29,0	37,0	458	21,0	30,0	37,0	522								
192	12,0	16,0	23,0	230	14,0	19,0	26,0	274	17,0	22,0	30,0	318	19,0	24,0	34,0	362	23,0	30,0	38,0	450				
193	12,0	16,0	23,0	228	14,0	19,0	26,0	272	17,0	22,0	30,0	316	19,0	24,0	34,0	360	23,0	30,0	38,0	447				
194	12,0	16,0	23,0	234	14,0	19,0	26,0	279	17,0	22,0	30,0	324	19,0	24,0	34,0	369	23,0	30,0	38,0	459				
195	9,0	15,0	20,0	186	10,0	17,0	23,0	221	11,0	19,0	27,0	257	12,0	22,0	30,0	292	16,0	26,0	36,0	363	18,0	31,0	43,0	434
196	4,0	12,0	31,0	235	4,0	14,0	36,0	281	4,0	17,0	41,0	326	5,0	19,0	46,0	371								
197	8,0	13,0	27,0	173	9,0	15,0	31,0	206	10,0	18,0	36,0	239	12,0	20,0	41,0	272	14,0	24,0	50,0	339				
198	8,0	13,0	27,0	176	9,0	15,0	31,0	209	10,0	18,0	36,0	243	12,0	20,0	41,0	276	14,0	24,0	50,0	343				
199	4,0	12,0	31,0	250	4,0	14,0	36,0	298	4,0	17,0	41,0	346	5,0	19,0	46,0	394								
200	3,0	7,0	22,0	137	3,0	9,0	25,0	163	3,0	10,0	29,0	189	3,0	11,0	32,0	215	4,0	14,0	40,0	267	5,0	16,0	47,0	319

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000				
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		
201	20736	25920	31104	0,720	MB-6283	1600	900										2,0	5,0	19,0	122
202	20736	25920	31104	0,720	MB-6446	1200	1800	2,0	6,0	17,0	106	4,0	11,0	22,0	154	6,0	14,0	28,0	202	
203	20736	25920	31104	0,720	MB-6464	1800	1200	2,0	6,0	17,0	106	4,0	11,0	22,0	154	6,0	14,0	28,0	202	
204	20736	25920	31104	0,720	MB-6545	1920	1500	7,0	10,0	14,0	146	9,0	14,0	20,0	213	11,0	18,0	25,0	281	
205	20736	25920	31104	0,720	MB-6554	2400	1200	7,0	10,0	14,0	148	9,0	14,0	20,0	216	11,0	18,0	25,0	284	
206	20736	25920	31104	0,720	MB-6644	1400	1200					5,0	8,0	17,0	105	7,0	10,0	22,0	137	
207	20736	25920	31104	0,720	MB-6834	1200	1200									4,0	9,0	19,0	111	
208	20736	25920	31104	0,720	MB-6843	1600	900									4,0	9,0	19,0	122	
209	20736	25920	31104	0,720	MB-6925	1200	1500									8,0	12,0	17,0	161	
210	21600	27000	32400	0,750	MB-6005	1500	1500	2,0	5,0	17,0	109	2,0	8,0	21,0	158	3,0	10,0	26,0	208	
211	21600	27000	32400	0,750	MB-6255	1000	1500									2,0	5,0	19,0	115	
212	21600	27000	32400	0,750	MB-6455	1500	1500	2,0	6,0	17,0	109	4,0	11,0	22,0	158	6,0	14,0	28,0	208	
213	21773	27216	32659	0,756	MB-6537	1440	2100	7,0	10,0	14,0	152	9,0	14,0	20,0	223	11,0	18,0	25,0	294	
214	21773	27216	32659	0,756	MB-6727	1080	2100					9,0	10,0	15,0	162	10,0	14,0	19,0	213	
215	23328	29160	34992	0,810	MB-6096	1350	1800	2,0	5,0	17,0	116	2,0	8,0	21,0	169	3,0	10,0	26,0	223	
216	23328	29160	34992	0,810	MB-6636	1050	1800					5,0	8,0	17,0	125	7,0	10,0	22,0	164	
217	23328	29160	34992	0,810	MB-6663	2100	900					5,0	8,0	17,0	128	7,0	10,0	22,0	208	
218	23328	29160	34992	0,810	MB-6735	1620	1500					9,0	10,0	15,0	169	10,0	14,0	19,0	222	
219	23328	29160	34992	0,810	MB-6753	2700	900					9,0	10,0	15,0	177	10,0	14,0	19,0	232	
220	24192	30240	36288	0,840	MB-6274	1400	1200									2,0	5,0	19,0	126	
221	24192	30240	36288	0,840	MB-6447	1200	2100	2,0	6,0	17,0	121	4,0	11,0	22,0	176	6,0	14,0	28,0	231	
222	24192	30240	36288	0,840	MB-6474	2100	1200	2,0	6,0	17,0	121	4,0	11,0	22,0	176	6,0	14,0	28,0	231	
223	24883	31104	37325	0,864	MB-6538	1440	2400	7,0	10,0	14,0	172	9,0	14,0	20,0	251	11,0	18,0	25,0	331	
224	24883	31104	37325	0,864	MB-6546	1920	1800	7,0	10,0	14,0	170	9,0	14,0	20,0	249	11,0	18,0	25,0	329	
225	24883	31104	37325	0,864	MB-6564	2880	1200	7,0	10,0	14,0	175	9,0	14,0	20,0	255	11,0	18,0	25,0	336	

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
201	3,0	7,0	22,0	150	3,0	9,0	25,0	179	3,0	10,0	29,0	207	3,0	11,0	32,0	236	4,0	14,0	40,0	293	5,0	16,0	47,0	349
202	7,0	18,0	33,0	250	9,0	21,0	38,0	298	9,0	24,0	44,0	346	11,0	27,0	48,0	394								
203	7,0	18,0	33,0	250	9,0	21,0	38,0	298	9,0	24,0	44,0	346	11,0	27,0	48,0	394								
204	14,0	22,0	31,0	348	17,0	26,0	37,0	415	19,0	29,0	37,0	483	21,0	30,0	37,0	550								
205	14,0	22,0	31,0	353	17,0	26,0	37,0	421	19,0	29,0	37,0	489	21,0	30,0	37,0	557								
206	8,0	13,0	27,0	170	9,0	15,0	31,0	203	10,0	18,0	36,0	235	12,0	20,0	41,0	268	14,0	24,0	50,0	333				
207	6,0	11,0	23,0	137	7,0	13,0	27,0	163	8,0	15,0	31,0	189	9,0	18,0	35,0	215	10,0	21,0	43,0	267	11,0	24,0	50,0	319
208	6,0	11,0	23,0	150	7,0	13,0	27,0	179	8,0	15,0	31,0	207	9,0	18,0	35,0	236	10,0	21,0	43,0	293	11,0	24,0	50,0	349
209	9,0	15,0	20,0	199	10,0	17,0	23,0	237	11,0	19,0	27,0	275	12,0	22,0	30,0	313	16,0	26,0	36,0	389	18,0	31,0	43,0	465
210	4,0	12,0	31,0	257	4,0	14,0	36,0	307	4,0	17,0	41,0	357	5,0	19,0	46,0	406								
211	3,0	7,0	22,0	142	3,0	9,0	25,0	170	3,0	10,0	29,0	197	3,0	11,0	32,0	224	4,0	14,0	40,0	278	5,0	16,0	47,0	333
212	7,0	18,0	33,0	257	9,0	21,0	38,0	307	9,0	24,0	44,0	357	11,0	27,0	48,0	406								
213	14,0	22,0	31,0	364	17,0	26,0	37,0	435	19,0	29,0	37,0	505	21,0	30,0	37,0	576								
214	12,0	16,0	23,0	263	14,0	19,0	26,0	314	17,0	22,0	30,0	365	19,0	24,0	34,0	415	23,0	30,0	38,0	517				
215	4,0	12,0	31,0	276	4,0	14,0	36,0	329	4,0	17,0	41,0	382	5,0	19,0	46,0	435								
216	8,0	13,0	27,0	203	9,0	15,0	31,0	241	10,0	18,0	36,0	280	12,0	20,0	41,0	319	14,0	24,0	50,0	396				
217	8,0	13,0	27,0	206	9,0	15,0	31,0	246	10,0	18,0	36,0	285	12,0	20,0	41,0	325	14,0	24,0	50,0	403				
218	12,0	16,0	23,0	275	14,0	19,0	26,0	328	17,0	22,0	30,0	381	19,0	24,0	34,0	434	23,0	30,0	38,0	540				
219	12,0	16,0	23,0	287	14,0	19,0	26,0	342	17,0	22,0	30,0	397	19,0	24,0	34,0	452	23,0	30,0	38,0	563				
220	3,0	7,0	22,0	155	3,0	9,0	25,0	185	3,0	10,0	29,0	215	3,0	11,0	32,0	245	4,0	14,0	40,0	304	5,0	16,0	47,0	363
221	7,0	18,0	33,0	287	9,0	21,0	38,0	342	9,0	24,0	44,0	397	11,0	27,0	48,0	453								
222	7,0	18,0	33,0	287	9,0	21,0	38,0	342	9,0	24,0	44,0	397	11,0	27,0	48,0	453								
223	14,0	22,0	31,0	411	17,0	26,0	37,0	491	19,0	29,0	37,0	570	21,0	30,0	37,0	650								
224	14,0	22,0	31,0	408	17,0	26,0	37,0	487	19,0	29,0	37,0	566	21,0	30,0	37,0	646								
225	14,0	22,0	31,0	417	17,0	26,0	37,0	498	19,0	29,0	37,0	579	21,0	30,0	37,0	659								

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
226	24883	31104	37325	0,864	MB-6744	2160	1200					9,0	10,0	15,0	181	10,0	14,0	19,0	237
227	24883	31104	37325	0,864	MB-6926	1200	1800									8,0	12,0	17,0	188
228	24883	31104	37325	0,864	MB-6934	1800	1200									8,0	12,0	17,0	188
229	25920	32400	38880	0,900	MB-6006	1500	1800	2,0	5,0	17,0	127	2,0	8,0	21,0	185	3,0	10,0	26,0	243
230	25920	32400	38880	0,900	MB-6256	1000	1800									2,0	5,0	19,0	145
231	25920	32400	38880	0,900	MB-6265	1200	1500									2,0	5,0	19,0	143
232	25920	32400	38880	0,900	MB-6456	1500	1800	2,0	6,0	17,0	127	4,0	11,0	22,0	185	6,0	14,0	28,0	243
233	25920	32400	38880	0,900	MB-6465	1800	1500	2,0	6,0	17,0	127	4,0	11,0	22,0	185	6,0	14,0	28,0	243
234	25920	32400	38880	0,900	MB-6555	2400	1500	7,0	10,0	14,0	178	9,0	14,0	20,0	260	11,0	18,0	25,0	343
235	25920	32400	38880	0,900	MB-6645	1400	1500					5,0	8,0	17,0	135	7,0	10,0	22,0	177
236	25920	32400	38880	0,900	MB-6654	1750	1200					5,0	8,0	17,0	136	7,0	10,0	22,0	178
237	25920	32400	38880	0,900	MB-6835	1200	1500									4,0	9,0	19,0	143
238	25920	32400	38880	0,900	MB-6853	2000	900									4,0	9,0	19,0	148
239	27216	34020	40824	0,945	MB-6637	1050	2100					5,0	8,0	17,0	143	7,0	10,0	22,0	188
240	27216	34020	40824	0,945	MB-6673	2450	900					5,0	8,0	17,0	146	7,0	10,0	22,0	192
241	27648	34560	41472	0,960	MB-6284	1600	1200									2,0	5,0	19,0	151
242	27648	34560	41472	0,960	MB-6448	1200	2400	2,0	6,0	17,0	136	4,0	11,0	22,0	199	6,0	14,0	28,0	261
243	27648	34560	41472	0,960	MB-6484	2400	1200	2,0	6,0	17,0	136	4,0	11,0	22,0	199	6,0	14,0	28,0	261
244	27648	34560	41472	0,960	MB-6844	1600	1200									4,0	9,0	19,0	151
245	27994	34992	41990	0,972	MB-6539	1440	2700	7,0	10,0	14,0	191	9,0	14,0	20,0	280	11,0	18,0	25,0	369
246	27994	34992	41990	0,972	MB-6736	1620	1800					9,0	10,0	15,0	197	10,0	14,0	19,0	260
247	29030	36288	43546	1,008	MB-6547	1920	2100	7,0	10,0	14,0	195	9,0	14,0	20,0	286	11,0	18,0	25,0	377
248	29030	36288	43546	1,008	MB-6574	3360	1200	7,0	10,0	14,0	201	9,0	14,0	20,0	295	11,0	18,0	25,0	388
249	29030	36288	43546	1,008	MB-6927	1200	2100									8,0	12,0	17,0	215
250	30240	37800	45360	1,050	MB-6275	1400	1500									2,0	5,0	19,0	162

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
226	12,0	16,0	23,0	294	14,0	19,0	26,0	351	17,0	22,0	30,0	407	19,0	24,0	34,0	464	23,0	30,0	38,0	578				
227	9,0	15,0	20,0	233	10,0	17,0	23,0	277	11,0	19,0	27,0	322	12,0	22,0	30,0	367	16,0	26,0	36,0	456	18,0	31,0	43,0	545
228	9,0	15,0	20,0	233	10,0	17,0	23,0	277	11,0	19,0	27,0	322	12,0	22,0	30,0	367	16,0	26,0	36,0	456	18,0	31,0	43,0	545
229	4,0	12,0	31,0	301	4,0	14,0	36,0	359	4,0	17,0	41,0	418	5,0	19,0	46,0	476								
230	3,0	7,0	22,0	180	3,0	9,0	25,0	214	3,0	10,0	29,0	248	3,0	11,0	32,0	282	4,0	14,0	40,0	350	5,0	16,0	47,0	419
231	3,0	7,0	22,0	177	3,0	9,0	25,0	211	3,0	10,0	29,0	244	3,0	11,0	32,0	278	4,0	14,0	40,0	346	5,0	16,0	47,0	413
232	7,0	18,0	33,0	301	9,0	21,0	38,0	359	9,0	24,0	44,0	418	11,0	27,0	48,0	476								
233	7,0	18,0	33,0	301	9,0	21,0	38,0	359	9,0	24,0	44,0	418	11,0	27,0	48,0	476								
234	14,0	22,0	31,0	426	17,0	26,0	37,0	508	19,0	29,0	37,0	591	21,0	30,0	37,0	673								
235	8,0	13,0	27,0	218	9,0	15,0	31,0	260	10,0	18,0	36,0	302	12,0	20,0	41,0	344	14,0	24,0	50,0	428				
236	8,0	13,0	27,0	220	9,0	15,0	31,0	262	10,0	18,0	36,0	304	12,0	20,0	41,0	346	14,0	24,0	50,0	430				
237	6,0	11,0	23,0	177	7,0	13,0	27,0	211	8,0	15,0	31,0	244	9,0	18,0	35,0	278	10,0	21,0	43,0	346	11,0	24,0	50,0	413
238	6,0	11,0	23,0	182	7,0	13,0	27,0	217	8,0	15,0	31,0	251	9,0	18,0	35,0	286	10,0	21,0	43,0	355	11,0	24,0	50,0	424
239	8,0	13,0	27,0	232	9,0	15,0	31,0	276	10,0	18,0	36,0	321	12,0	20,0	41,0	365	14,0	24,0	50,0	454				
240	8,0	13,0	27,0	237	9,0	15,0	31,0	282	10,0	18,0	36,0	328	12,0	20,0	41,0	373	14,0	24,0	50,0	464				
241	3,0	7,0	22,0	187	3,0	9,0	25,0	222	3,0	10,0	29,0	258	3,0	11,0	32,0	294	4,0	14,0	40,0	365	5,0	16,0	47,0	436
242	7,0	18,0	33,0	323	9,0	21,0	38,0	386	9,0	24,0	44,0	448	11,0	27,0	48,0	511								
243	7,0	18,0	33,0	323	9,0	21,0	38,0	386	9,0	24,0	44,0	448	11,0	27,0	48,0	511								
244	6,0	11,0	23,0	187	7,0	13,0	27,0	222	8,0	15,0	31,0	258	9,0	18,0	35,0	294	10,0	21,0	43,0	365	11,0	24,0	50,0	436
245	14,0	22,0	31,0	458	17,0	26,0	37,0	547	19,0	29,0	37,0	636	21,0	30,0	37,0	725								
246	12,0	16,0	23,0	322	14,0	19,0	26,0	384	17,0	22,0	30,0	446	19,0	24,0	34,0	508	23,0	30,0	38,0	633				
247	14,0	22,0	31,0	468	17,0	26,0	37,0	559	19,0	29,0	37,0	650	21,0	30,0	37,0	741								
248	14,0	22,0	31,0	481	17,0	26,0	37,0	575	19,0	29,0	37,0	668	21,0	30,0	37,0	762								
249	9,0	15,0	20,0	266	10,0	17,0	23,0	318	11,0	19,0	27,0	369	12,0	22,0	30,0	420	16,0	26,0	36,0	522	18,0	31,0	43,0	625
250	3,0	7,0	22,0	200	3,0	9,0	25,0	239	3,0	10,0	29,0	277	3,0	11,0	32,0	315	4,0	14,0	40,0	391	5,0	16,0	47,0	468

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
251	30240	37800	45360	1,050	MB-6457	1500	2100	2,0	6,0	17,0	145	4,0	11,0	22,0	212	6,0	14,0	28,0	278
252	30240	37800	45360	1,050	MB-6475	2100	1500	2,0	6,0	17,0	145	4,0	11,0	22,0	212	6,0	14,0	28,0	278
253	31104	38880	46656	1,080	MB-6266	1200	1800									2,0	5,0	19,0	167
254	31104	38880	46656	1,080	MB-6466	1800	1800	2,0	6,0	17,0	148	4,0	11,0	22,0	216	6,0	14,0	28,0	284
255	31104	38880	46656	1,080	MB-6494	2700	1200	2,0	6,0	17,0	151	4,0	11,0	22,0	221	6,0	14,0	28,0	291
256	31104	38880	46656	1,080	MB-6556	2400	1800	7,0	10,0	14,0	207	9,0	14,0	20,0	304	11,0	18,0	25,0	402
257	31104	38880	46656	1,080	MB-6565	2880	1500	7,0	10,0	14,0	210	9,0	14,0	20,0	307	11,0	18,0	25,0	405
258	31104	38880	46656	1,080	MB-6646	1400	1800					5,0	8,0	17,0	157	7,0	10,0	22,0	206
259	31104	38880	46656	1,080	MB-6664	2100	1200					5,0	8,0	17,0	159	7,0	10,0	22,0	249
260	31104	38880	46656	1,080	MB-6745	2160	1500					9,0	10,0	15,0	217	10,0	14,0	19,0	286
261	31104	38880	46656	1,080	MB-6754	2700	1200					9,0	10,0	15,0	221	10,0	14,0	19,0	291
262	31104	38880	46656	1,080	MB-6836	1200	1800									4,0	9,0	19,0	167
263	31104	38880	46656	1,080	MB-6863	2400	900									4,0	9,0	19,0	173
264	31104	38880	46656	1,080	MB-6935	1800	1500									8,0	12,0	17,0	226
265	32400	40500	48600	1,125	MB-6655	1750	1500					5,0	8,0	17,0	162	7,0	10,0	22,0	213
266	32659	40824	48989	1,134	MB-6737	1620	2100					9,0	10,0	15,0	226	10,0	14,0	19,0	297
267	33178	41472	49766	1,152	MB-6548	1920	2400	7,0	10,0	14,0	219	9,0	14,0	20,0	322	11,0	18,0	25,0	425
268	33178	41472	49766	1,152	MB-6928	1200	2400									8,0	12,0	17,0	242
269	33178	41472	49766	1,152	MB-6944	2400	1200									8,0	12,0	17,0	242
270	34560	43200	51840	1,200	MB-6285	1600	1500									2,0	5,0	19,0	181
271	34560	43200	51840	1,200	MB-6458	1500	2400	2,0	6,0	17,0	163	4,0	11,0	22,0	238	6,0	14,0	28,0	314
272	34560	43200	51840	1,200	MB-6485	2400	1500	2,0	6,0	17,0	163	4,0	11,0	22,0	238	6,0	14,0	28,0	314
273	34560	43200	51840	1,200	MB-6845	1600	1500									4,0	9,0	19,0	181
274	34560	43200	51840	1,200	MB-6854	2000	1200									4,0	9,0	19,0	183
275	36288	45360	54432	1,260	MB-6276	1400	1800									2,0	5,0	19,0	189

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000					
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg		
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz			
251	7,0	18,0	33,0	345	9,0	21,0	38,0	412	9,0	24,0	44,0	479	11,0	27,0	48,0	546										
252	7,0	18,0	33,0	345	9,0	21,0	38,0	412	9,0	24,0	44,0	479	11,0	27,0	48,0	546										
253	3,0	7,0	22,0	203	3,0	9,0	25,0	246	3,0	10,0	29,0	285	3,0	11,0	32,0	325	4,0	14,0	40,0	403	5,0	16,0	47,0	482		
254	7,0	18,0	33,0	353	9,0	21,0	38,0	421	9,0	24,0	44,0	489	11,0	27,0	48,0	557										
255	7,0	18,0	33,0	360	9,0	21,0	38,0	430	9,0	24,0	44,0	499	11,0	27,0	48,0	569										
256	14,0	22,0	31,0	499	17,0	26,0	37,0	596	19,0	29,0	37,0	693	21,0	30,0	37,0	790										
257	14,0	22,0	31,0	503	17,0	26,0	37,0	601	19,0	29,0	37,0	699	21,0	30,0	37,0	797										
258	8,0	13,0	27,0	255	9,0	15,0	31,0	304	10,0	18,0	36,0	353	12,0	20,0	41,0	402	14,0	24,0	50,0	500						
259	8,0	13,0	27,0	258	9,0	15,0	31,0	307	10,0	18,0	36,0	357	12,0	20,0	41,0	406	14,0	24,0	50,0	505						
260	12,0	16,0	23,0	354	14,0	19,0	26,0	422	17,0	22,0	30,0	491	19,0	24,0	34,0	559	23,0	30,0	38,0	696						
261	12,0	16,0	23,0	360	14,0	19,0	26,0	430	17,0	22,0	30,0	499	19,0	24,0	34,0	569	23,0	30,0	38,0	708						
262	6,0	11,0	23,0	206	7,0	13,0	27,0	246	8,0	15,0	31,0	285	9,0	18,0	35,0	325	10,0	21,0	43,0	403	11,0	24,0	50,0	482		
263	6,0	11,0	23,0	214	7,0	13,0	27,0	255	8,0	15,0	31,0	295	9,0	18,0	35,0	336	10,0	21,0	43,0	418	11,0	24,0	50,0	499		
264	9,0	15,0	20,0	279	10,0	17,0	23,0	333	11,0	19,0	27,0	387	12,0	22,0	30,0	441	16,0	26,0	36,0	549	18,0	31,0	43,0	656		
265	8,0	13,0	27,0	264	9,0	15,0	31,0	314	10,0	18,0	36,0	365	12,0	20,0	41,0	416	14,0	24,0	50,0	517						
266	12,0	16,0	23,0	369	14,0	19,0	26,0	440	17,0	22,0	30,0	511	19,0	24,0	34,0	583	23,0	30,0	38,0	725						
267	14,0	22,0	31,0	528	17,0	26,0	37,0	631	19,0	29,0	37,0	733	21,0	30,0	37,0	836										
268	9,0	15,0	20,0	300	10,0	17,0	23,0	358	11,0	19,0	27,0	416	12,0	22,0	30,0	473	16,0	26,0	36,0	589	18,0	31,0	43,0	704		
269	9,0	15,0	20,0	300	10,0	17,0	23,0	358	11,0	19,0	27,0	416	12,0	22,0	30,0	473	16,0	26,0	36,0	589	18,0	31,0	43,0	704		
270	3,0	7,0	22,0	224	3,0	9,0	25,0	266	3,0	10,0	29,0	309	3,0	11,0	32,0	352	4,0	14,0	40,0	437	5,0	16,0	47,0	523		
271	7,0	18,0	33,0	389	9,0	21,0	38,0	465	9,0	24,0	44,0	540	11,0	27,0	48,0	615										
272	7,0	18,0	33,0	389	9,0	21,0	38,0	465	9,0	24,0	44,0	540	11,0	27,0	48,0	615										
273	6,0	11,0	23,0	224	7,0	13,0	27,0	266	8,0	15,0	31,0	309	9,0	18,0	35,0	352	10,0	21,0	43,0	437	11,0	24,0	50,0	523		
274	6,0	11,0	23,0	226	7,0	13,0	27,0	269	8,0	15,0	31,0	312	9,0	18,0	35,0	356	10,0	21,0	43,0	442	11,0	24,0	50,0	528		
275	3,0	7,0	22,0	233	3,0	9,0	25,0	278	3,0	10,0	29,0	323	3,0	11,0	32,0	367	4,0	14,0	40,0	456	5,0	16,0	47,0	546		

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
276	36288	45360	54432	1,260	MB-6467	1800	2100	2,0	6,0	17,0	169	4,0	11,0	22,0	247	6,0	14,0	28,0	325
277	36288	45360	54432	1,260	MB-6476	2100	1800	2,0	6,0	17,0	169	4,0	11,0	22,0	247	6,0	14,0	28,0	325
278	36288	45360	54432	1,260	MB-6557	2400	2100	7,0	10,0	14,0	237	9,0	14,0	20,0	349	11,0	18,0	25,0	460
279	36288	45360	54432	1,260	MB-6575	3360	1500	7,0	10,0	14,0	241	9,0	14,0	20,0	355	11,0	18,0	25,0	468
280	36288	45360	54432	1,260	MB-6647	1400	2100					5,0	8,0	17,0	180	7,0	10,0	22,0	236
281	36288	45360	54432	1,260	MB-6674	2450	1200					5,0	8,0	17,0	182	7,0	10,0	22,0	239
282	36288	45360	54432	1,260	MB-6837	1200	2100									4,0	9,0	19,0	191
283	36288	45360	54432	1,260	MB-6873	2800	900									4,0	9,0	19,0	199
284	37325	46656	55987	1,296	MB-6549	1920	2700	7,0	10,0	14,0	244	9,0	14,0	20,0	358	11,0	18,0	25,0	473
285	37325	46656	55987	1,296	MB-6566	2880	1800	7,0	10,0	14,0	245	9,0	14,0	20,0	359	11,0	18,0	25,0	474
286	37325	46656	55987	1,296	MB-6738	1620	2400					9,0	10,0	15,0	254	10,0	14,0	19,0	335
287	37325	46656	55987	1,296	MB-6746	2160	1800					9,0	10,0	15,0	253	10,0	14,0	19,0	334
288	37325	46656	55987	1,296	MB-6929	1200	2700									8,0	12,0	17,0	270
289	37325	46656	55987	1,296	MB-6936	1800	1800									8,0	12,0	17,0	263
290	38880	48600	58320	1,350	MB-6459	1500	2700	2,0	6,0	17,0	181	4,0	11,0	22,0	265	6,0	14,0	28,0	349
291	38880	48600	58320	1,350	MB-6495	2700	1500	2,0	6,0	17,0	181	4,0	11,0	22,0	265	6,0	14,0	28,0	349
292	38880	48600	58320	1,350	MB-6656	1750	1800					5,0	8,0	17,0	189	7,0	10,0	22,0	248
293	38880	48600	58320	1,350	MB-6665	2100	1500					5,0	8,0	17,0	190	7,0	10,0	22,0	291
294	38880	48600	58320	1,350	MB-6755	2700	1500					9,0	10,0	15,0	265	10,0	14,0	19,0	349
295	41472	51840	62208	1,440	MB-6286	1600	1800									2,0	5,0	19,0	210
296	41472	51840	62208	1,440	MB-6486	2400	1800	2,0	6,0	17,0	190	4,0	11,0	22,0	278	6,0	14,0	28,0	367
297	41472	51840	62208	1,440	MB-6558	2400	2400	7,0	10,0	14,0	267	9,0	14,0	20,0	393	11,0	18,0	25,0	519
298	41472	51840	62208	1,440	MB-6648	1400	2400					5,0	8,0	17,0	202	7,0	10,0	22,0	265
299	41472	51840	62208	1,440	MB-6846	1600	1800									4,0	9,0	19,0	210
300	41472	51840	62208	1,440	MB-6864	2400	1200									4,0	9,0	19,0	214

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000					
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg		
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz			
276	7,0	18,0	33,0	404	9,0	21,0	38,0	482	9,0	24,0	44,0	560	11,0	27,0	48,0	639										
277	7,0	18,0	33,0	404	9,0	21,0	38,0	482	9,0	24,0	44,0	560	11,0	27,0	48,0	639										
278	14,0	22,0	31,0	572	17,0	26,0	37,0	683	19,0	29,0	37,0	795	21,0	30,0	37,0	906										
279	14,0	22,0	31,0	581	17,0	26,0	37,0	694	19,0	29,0	37,0	807	21,0	30,0	37,0	920										
280	8,0	13,0	27,0	292	9,0	15,0	31,0	348	10,0	18,0	36,0	404	12,0	20,0	41,0	460	14,0	24,0	50,0	572						
281	8,0	13,0	27,0	296	9,0	15,0	31,0	352	10,0	18,0	36,0	409	12,0	20,0	41,0	466	14,0	24,0	50,0	580						
282	6,0	11,0	23,0	236	7,0	13,0	27,0	281	8,0	15,0	31,0	326	9,0	18,0	35,0	371	10,0	21,0	43,0	461	11,0	24,0	50,0	551		
283	6,0	11,0	23,0	246	7,0	13,0	27,0	293	8,0	15,0	31,0	340	9,0	18,0	35,0	386	10,0	21,0	43,0	480	11,0	24,0	50,0	574		
284	14,0	22,0	31,0	588	17,0	26,0	37,0	702	19,0	29,0	37,0	817	21,0	30,0	37,0	932										
285	14,0	22,0	31,0	589	17,0	26,0	37,0	704	19,0	29,0	37,0	819	21,0	30,0	37,0	934										
286	12,0	16,0	23,0	415	14,0	19,0	26,0	496	17,0	22,0	30,0	577	19,0	24,0	34,0	657	23,0	30,0	38,0	818						
287	12,0	16,0	23,0	414	14,0	19,0	26,0	494	17,0	22,0	30,0	575	19,0	24,0	34,0	655	23,0	30,0	38,0	815						
288	9,0	15,0	20,0	334	10,0	17,0	23,0	398	11,0	19,0	27,0	462	12,0	22,0	30,0	527	16,0	26,0	36,0	655	18,0	31,0	43,0	784		
289	9,0	15,0	20,0	326	10,0	17,0	23,0	389	11,0	19,0	27,0	452	12,0	22,0	30,0	515	16,0	26,0	36,0	641	18,0	31,0	43,0	767		
290	7,0	18,0	33,0	433	9,0	21,0	38,0	517	9,0	24,0	44,0	601	11,0	27,0	48,0	685										
291	7,0	18,0	33,0	433	9,0	21,0	38,0	517	9,0	24,0	44,0	601	11,0	27,0	48,0	685										
292	8,0	13,0	27,0	308	9,0	15,0	31,0	367	10,0	18,0	36,0	426	12,0	20,0	41,0	485	14,0	24,0	50,0	604						
293	8,0	13,0	27,0	309	9,0	15,0	31,0	368	10,0	18,0	36,0	428	12,0	20,0	41,0	487	14,0	24,0	50,0	606						
294	12,0	16,0	23,0	433	14,0	19,0	26,0	517	17,0	22,0	30,0	601	19,0	24,0	34,0	685	23,0	30,0	38,0	853						
295	3,0	7,0	22,0	260	3,0	9,0	25,0	310	3,0	10,0	29,0	360	3,0	11,0	32,0	410	4,0	14,0	40,0	510	5,0	16,0	47,0	609		
296	7,0	18,0	33,0	455	9,0	21,0	38,0	543	9,0	24,0	44,0	632	11,0	27,0	48,0	720										
297	14,0	22,0	31,0	645	17,0	26,0	37,0	770	19,0	29,0	37,0	896	21,0	30,0	37,0	1022										
298	8,0	13,0	27,0	328	9,0	15,0	31,0	392	10,0	18,0	36,0	455	12,0	20,0	41,0	518	14,0	24,0	50,0	645						
299	6,0	11,0	23,0	260	7,0	13,0	27,0	310	8,0	15,0	31,0	360	9,0	18,0	35,0	410	10,0	21,0	43,0	510	11,0	24,0	50,0	609		
300	6,0	11,0	23,0	265	7,0	13,0	27,0	316	8,0	15,0	31,0	367	9,0	18,0	35,0	417	10,0	21,0	43,0	519	11,0	24,0	50,0	621		

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000				
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		
301	41472	51840	62208	1,440	MB-6945	2400	1500										8,0	12,0	17,0	261
302	41472	51840	62208	1,440	MB-6954	3000	1200										8,0	12,0	17,0	297
303	41990	52488	62986	1,458	MB-6739	1620	2700					9,0	10,0	15,0	283	10,0	14,0	19,0	373	
304	42336	52920	63504	1,470	MB-6477	2100	2100	2,0	6,0	17,0	193	4,0	11,0	22,0	283	6,0	14,0	28,0	372	
305	43200	54000	64800	1,500	MB-6405	3000	1500	2,0	6,0	17,0	199	4,0	11,0	22,0	292	6,0	14,0	28,0	384	
306	43200	54000	64800	1,500	MB-6855	2000	1500									4,0	9,0	19,0	218	
307	43546	54432	65318	1,512	MB-6567	2880	2100	7,0	10,0	14,0	280	9,0	14,0	20,0	412	11,0	18,0	25,0	543	
308	43546	54432	65318	1,512	MB-6747	2160	2100					9,0	10,0	15,0	190	10,0	14,0	19,0	382	
309	43546	54432	65318	1,512	MB-6937	1800	2100									8,0	12,0	17,0	301	
310	45360	56700	68040	1,575	MB-6657	1750	2100					5,0	8,0	17,0	216	7,0	10,0	22,0	284	
311	45360	56700	68040	1,575	MB-6675	2450	1500					5,0	8,0	17,0	217	7,0	10,0	22,0	286	
312	46656	58320	69984	1,620	MB-6469	1800	2700	2,0	6,0	17,0	211	4,0	11,0	22,0	309	6,0	14,0	28,0	408	
313	46656	58320	69984	1,620	MB-6496	2700	1800	2,0	6,0	17,0	211	4,0	11,0	22,0	309	6,0	14,0	28,0	408	
314	46656	58320	69984	1,620	MB-6559	2400	2700	7,0	10,0	14,0	297	9,0	14,0	20,0	437	11,0	18,0	25,0	577	
315	46656	58320	69984	1,620	MB-6649	1400	2700					5,0	8,0	17,0	224	7,0	10,0	22,0	295	
316	46656	58320	69984	1,620	MB-6666	2100	1800					5,0	8,0	17,0	221	7,0	10,0	22,0	332	
317	46656	58320	69984	1,620	MB-6756	2700	1800					9,0	10,0	15,0	309	10,0	14,0	19,0	408	
318	48384	60480	72576	1,680	MB-6487	2400	2100	2,0	6,0	17,0	217	4,0	11,0	22,0	318	6,0	14,0	28,0	419	
319	48384	60480	72576	1,680	MB-6847	1600	2100									4,0	9,0	19,0	240	
320	48384	60480	72576	1,680	MB-6874	2800	1200									4,0	9,0	19,0	246	
321	49766	62208	74650	1,728	MB-6568	2880	2400	7,0	10,0	14,0	315	9,0	14,0	20,0	464	11,0	18,0	25,0	613	
322	49766	62208	74650	1,728	MB-6748	2160	2400					9,0	10,0	15,0	326	10,0	14,0	19,0	430	
323	49766	62208	74650	1,728	MB-6938	1800	2400									8,0	12,0	17,0	339	
324	49766	62208	74650	1,728	MB-6946	2400	1800									8,0	12,0	17,0	339	
325	51840	64800	77760	1,800	MB-6406	3000	1800	2,0	6,0	17,0	232	4,0	11,0	22,0	340	6,0	14,0	28,0	449	

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
301	9,0	15,0	20,0	360	10,0	17,0	23,0	430	11,0	19,0	27,0	499	12,0	22,0	30,0	569	16,0	26,0	36,0	708	18,0	31,0	43,0	847
302	9,0	15,0	20,0	368	10,0	17,0	23,0	438	11,0	19,0	27,0	509	12,0	22,0	30,0	580	16,0	26,0	36,0	722	18,0	31,0	43,0	864
303	12,0	16,0	23,0	462	14,0	19,0	26,0	552	17,0	22,0	30,0	642	19,0	24,0	34,0	731	23,0	30,0	38,0	911				
304	7,0	18,0	33,0	462	9,0	21,0	38,0	552	9,0	24,0	44,0	642	11,0	27,0	48,0	732								
305	7,0	18,0	33,0	477	9,0	21,0	38,0	570	9,0	24,0	44,0	662	11,0	27,0	48,0	755								
306	6,0	11,0	23,0	270	7,0	13,0	27,0	322	8,0	15,0	31,0	374	9,0	18,0	35,0	425	10,0	21,0	43,0	529	11,0	24,0	50,0	632
307	14,0	22,0	31,0	675	17,0	26,0	37,0	807	19,0	29,0	37,0	939	21,0	30,0	37,0	1071								
308	12,0	16,0	23,0	474	14,0	19,0	26,0	566	17,0	22,0	30,0	658	19,0	24,0	34,0	750	23,0	30,0	38,0	934				
309	9,0	15,0	20,0	373	10,0	17,0	23,0	445	11,0	19,0	27,0	517	12,0	22,0	30,0	590	16,0	26,0	36,0	734	18,0	31,0	43,0	878
310	8,0	13,0	27,0	352	9,0	15,0	31,0	419	10,0	18,0	36,0	487	12,0	20,0	41,0	555	14,0	24,0	50,0	691				
311	8,0	13,0	27,0	354	9,0	15,0	31,0	422	10,0	18,0	36,0	491	12,0	20,0	41,0	559	14,0	24,0	50,0	696				
312	7,0	18,0	33,0	506	9,0	21,0	38,0	604	9,0	24,0	44,0	703	11,0	27,0	48,0	801								
313	7,0	18,0	33,0	506	9,0	21,0	38,0	604	9,0	24,0	44,0	703	11,0	27,0	48,0	801								
314	14,0	22,0	31,0	718	17,0	26,0	37,0	858	19,0	29,0	37,0	998	21,0	30,0	37,0	1139								
315	8,0	13,0	27,0	365	9,0	15,0	31,0	436	10,0	18,0	36,0	506	12,0	20,0	41,0	576	14,0	24,0	50,0	717				
316	8,0	13,0	27,0	360	9,0	15,0	31,0	430	10,0	18,0	36,0	499	12,0	20,0	41,0	569	14,0	24,0	50,0	708				
317	12,0	16,0	23,0	506	14,0	19,0	26,0	604	17,0	22,0	30,0	703	19,0	24,0	34,0	801	23,0	30,0	38,0	998				
318	7,0	18,0	33,0	521	9,0	21,0	38,0	622	9,0	24,0	44,0	723	11,0	27,0	48,0	824								
319	6,0	11,0	23,0	297	7,0	13,0	27,0	354	8,0	15,0	31,0	411	9,0	18,0	35,0	468	10,0	21,0	43,0	582	11,0	24,0	50,0	696
320	6,0	11,0	23,0	304	7,0	13,0	27,0	363	8,0	15,0	31,0	421	9,0	18,0	35,0	479	10,0	21,0	43,0	596	11,0	24,0	50,0	713
321	14,0	22,0	31,0	761	17,0	26,0	37,0	910	19,0	29,0	37,0	1059	21,0	30,0	37,0	1208								
322	12,0	16,0	23,0	534	14,0	19,0	26,0	638	17,0	22,0	30,0	742	19,0	24,0	34,0	845	23,0	30,0	38,0	1053				
323	9,0	15,0	20,0	420	10,0	17,0	23,0	501	11,0	19,0	27,0	583	12,0	22,0	30,0	664	16,0	26,0	36,0	827	18,0	31,0	43,0	989
324	9,0	15,0	20,0	420	10,0	17,0	23,0	501	11,0	19,0	27,0	583	12,0	22,0	30,0	664	16,0	26,0	36,0	827	18,0	31,0	43,0	989
325	7,0	18,0	33,0	557	9,0	21,0	38,0	666	9,0	24,0	44,0	774	11,0	27,0	48,0	883								

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
326	51840	64800	77760	1,800	MB-6658	1750	2400					5,0	8,0	17,0	243	7,0	10,0	22,0	319
327	51840	64800	77760	1,800	MB-6685	2800	1500					5,0	8,0	17,0	245	7,0	10,0	22,0	322
328	51840	64800	77760	1,800	MB-6856	2000	1800									4,0	9,0	19,0	254
329	51840	64800	77760	1,800	MB-6865	2400	1500									4,0	9,0	19,0	256
330	51840	64800	77760	1,800	MB-6955	3000	1500									8,0	12,0	17,0	355
331	54432	68040	81648	1,890	MB-6479	2100	2700	2,0	6,0	17,0	241	4,0	11,0	22,0	354	6,0	14,0	28,0	466
332	54432	68040	81648	1,890	MB-6497	2700	2100	2,0	6,0	17,0	241	4,0	11,0	22,0	354	6,0	14,0	28,0	466
333	54432	68040	81648	1,890	MB-6667	2100	2100					5,0	8,0	17,0	252	7,0	10,0	22,0	373
334	54432	68040	81648	1,890	MB-6676	2450	1800					5,0	8,0	17,0	253	7,0	10,0	22,0	333
335	54432	68040	81648	1,890	MB-6757	2700	2100					9,0	10,0	15,0	354	10,0	14,0	19,0	466
336	55296	69120	82944	1,920	MB-6488	2400	2400	2,0	6,0	17,0	244	4,0	11,0	22,0	358	6,0	14,0	28,0	472
337	55296	69120	82944	1,920	MB-6848	1600	2400									4,0	9,0	19,0	269
338	55296	69120	82944	1,920	MB-6884	3200	1200									4,0	9,0	19,0	278
339	55987	69984	83981	1,944	MB-6569	2880	2700	7,0	10,0	14,0	350	9,0	14,0	20,0	516	11,0	18,0	25,0	682
340	55987	69984	83981	1,944	MB-6749	2160	2700					9,0	10,0	15,0	362	10,0	14,0	19,0	478
341	55987	69984	83981	1,944	MB-6939	1800	2700									8,0	12,0	17,0	376
342	58061	72576	87091	2,016	MB-6947	2400	2100									8,0	12,0	17,0	387
343	58320	72900	87480	2,025	MB-6659	1750	2700					5,0	8,0	17,0	269	7,0	10,0	22,0	354
344	60480	75600	90720	2,100	MB-6857	2000	2100									4,0	9,0	19,0	289
345	60480	75600	90720	2,100	MB-6875	2800	1500									4,0	9,0	19,0	293
346	62208	77760	93312	2,160	MB-6498	2700	2400	2,0	6,0	17,0	271	4,0	11,0	22,0	398	6,0	14,0	28,0	525
347	62208	77760	93312	2,160	MB-6668	2100	2400					5,0	8,0	17,0	283	7,0	10,0	22,0	414
348	62208	77760	93312	2,160	MB-6686	2800	1800					5,0	8,0	17,0	285	7,0	10,0	22,0	375
349	62208	77760	93312	2,160	MB-6758	2700	2400					9,0	10,0	15,0	398	10,0	14,0	19,0	525
350	62208	77760	93312	2,160	MB-6849	1600	2700									4,0	9,0	19,0	299

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
326	8,0	13,0	27,0	395	9,0	15,0	31,0	472	10,0	18,0	36,0	548	12,0	20,0	41,0	625	14,0	24,0	50,0	778				
327	8,0	13,0	27,0	399	9,0	15,0	31,0	476	10,0	18,0	36,0	553	12,0	20,0	41,0	631	14,0	24,0	50,0	785				
328	6,0	11,0	23,0	314	7,0	13,0	27,0	374	8,0	15,0	31,0	435	9,0	18,0	35,0	495	10,0	21,0	43,0	616	11,0	24,0	50,0	736
329	6,0	11,0	23,0	316	7,0	13,0	27,0	377	8,0	15,0	31,0	438	9,0	18,0	35,0	499	10,0	21,0	43,0	620	11,0	24,0	50,0	742
330	9,0	15,0	20,0	441	10,0	17,0	23,0	526	11,0	19,0	27,0	611	12,0	22,0	30,0	696	16,0	26,0	36,0	867	18,0	31,0	43,0	1038
331	7,0	18,0	33,0	579	9,0	21,0	38,0	692	9,0	24,0	44,0	805	11,0	27,0	48,0	917								
332	7,0	18,0	33,0	579	9,0	21,0	38,0	692	9,0	24,0	44,0	805	11,0	27,0	48,0	917								
333	8,0	13,0	27,0	411	9,0	15,0	31,0	491	10,0	18,0	36,0	570	12,0	20,0	41,0	650	14,0	24,0	50,0	809				
334	8,0	13,0	27,0	413	9,0	15,0	31,0	492	10,0	18,0	36,0	572	12,0	20,0	41,0	652	14,0	24,0	50,0	812				
335	12,0	16,0	23,0	579	14,0	19,0	26,0	692	17,0	22,0	30,0	805	19,0	24,0	34,0	917	23,0	30,0	38,0	1143				
336	7,0	18,0	33,0	586	9,0	21,0	38,0	701	9,0	24,0	44,0	815	11,0	27,0	48,0	929								
337	6,0	11,0	23,0	333	7,0	13,0	27,0	398	8,0	15,0	31,0	462	9,0	18,0	35,0	526	10,0	21,0	43,0	654	11,0	24,0	50,0	783
338	6,0	11,0	23,0	344	7,0	13,0	27,0	409	8,0	15,0	31,0	475	9,0	18,0	35,0	541	10,0	21,0	43,0	673	11,0	24,0	50,0	805
339	14,0	22,0	31,0	848	17,0	26,0	37,0	1014	19,0	29,0	37,0	1180	21,0	30,0	37,0	1346								
340	12,0	16,0	23,0	594	14,0	19,0	26,0	709	17,0	22,0	30,0	825	19,0	24,0	34,0	941	23,0	30,0	38,0	1172				
341	9,0	15,0	20,0	467	10,0	17,0	23,0	557	11,0	19,0	27,0	648	12,0	22,0	30,0	738	16,0	26,0	36,0	919	18,0	31,0	43,0	1100
342	9,0	15,0	20,0	480	10,0	17,0	23,0	573	11,0	19,0	27,0	666	12,0	22,0	30,0	759	16,0	26,0	36,0	946	18,0	31,0	43,0	1132
343	8,0	13,0	27,0	439	9,0	15,0	31,0	524	10,0	18,0	36,0	609	12,0	20,0	41,0	695	14,0	24,0	50,0	865				
344	6,0	11,0	23,0	358	7,0	13,0	27,0	427	8,0	15,0	31,0	496	9,0	18,0	35,0	565	10,0	21,0	43,0	703	11,0	24,0	50,0	841
345	6,0	11,0	23,0	363	7,0	13,0	27,0	433	8,0	15,0	31,0	503	9,0	18,0	35,0	572	10,0	21,0	43,0	712	11,0	24,0	50,0	852
346	7,0	18,0	33,0	652	9,0	21,0	38,0	779	9,0	24,0	44,0	907	11,0	27,0	48,0	1034								
347	8,0	13,0	27,0	462	9,0	15,0	31,0	552	10,0	18,0	36,0	642	12,0	20,0	41,0	731	14,0	24,0	50,0	911				
348	8,0	13,0	27,0	465	9,0	15,0	31,0	555	10,0	18,0	36,0	645	12,0	20,0	41,0	735	14,0	24,0	50,0	915				
349	12,0	16,0	23,0	652	14,0	19,0	26,0	779	17,0	22,0	30,0	907	19,0	24,0	34,0	1034	23,0	30,0	38,0	1288				
350	6,0	11,0	23,0	370	7,0	13,0	27,0	441	8,0	15,0	31,0	513	9,0	18,0	35,0	584	10,0	21,0	43,0	727	11,0	24,0	50,0	869

Tablica VIII - PARAMETRY TŁUMIKÓW TKF-MB

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
351	62208	77760	93312	2,160	MB-6866	2400	1800									4,0	9,0	19,0	297
352	62208	77760	93312	2,160	MB-6930	1800	3000									8,0	12,0	17,0	414
353	63504	79380	95256	2,205	MB-6677	2450	2100				5,0	8,0	17,0	288	7,0	10,0	22,0	380	
354	66355	82944	99533	2,304	MB-6948	2400	2400									8,0	12,0	17,0	435
355	69120	86400	103680	2,400	MB-6858	2000	2400									4,0	9,0	19,0	324
356	69984	87480	104976	2,430	MB-6669	2100	2700				5,0	8,0	17,0	314	7,0	10,0	22,0	455	
357	69984	87480	104976	2,430	MB-6759	2700	2700				9,0	10,0	15,0	442	10,0	14,0	19,0	584	
358	72576	90720	108864	2,520	MB-6687	2800	2100				5,0	8,0	17,0	325	7,0	10,0	22,0	428	
359	72576	90720	108864	2,520	MB-6867	2400	2100									4,0	9,0	19,0	338
360	72576	90720	108864	2,520	MB-6876	2800	1800									4,0	9,0	19,0	340
361	72576	90720	108864	2,520	MB-6957	3000	2100									8,0	12,0	17,0	473
362	74650	93312	111974	2,592	MB-6949	2400	2700									8,0	12,0	17,0	483
363	77760	97200	116640	2,700	MB-6660	2100	3000				5,0	8,0	17,0	345	7,0	10,0	22,0	126	
364	77760	97200	116640	2,700	MB-6859	2000	2700									4,0	9,0	19,0	360
365	81648	102060	122472	2,835	MB-6679	2450	2700				5,0	8,0	17,0	359	7,0	10,0	22,0	474	
366	82944	103680	124416	2,880	MB-6688	2800	2400				5,0	8,0	17,0	364	7,0	10,0	22,0	480	
367	82944	103680	124416	2,880	MB-6868	2400	2400									4,0	9,0	19,0	379
368	82944	103680	124416	2,880	MB-6958	3000	2400									8,0	12,0	17,0	531
369	84672	105840	127008	2,940	MB-6877	2800	2100									4,0	9,0	19,0	387
370	93312	116640	139968	3,240	MB-6689	2800	2700				5,0	8,0	17,0	404	7,0	10,0	22,0	533	
371	93312	116640	139968	3,240	MB-6869	2400	2700									4,0	9,0	19,0	420
372	93312	116640	139968	3,240	MB-6959	3000	2700									8,0	12,0	17,0	590
373	96768	120960	145152	3,360	MB-6878	2800	2400									4,0	9,0	19,0	434
374	108864	136080	163296	3,780	MB-6879	2800	2700									4,0	9,0	19,0	481

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
351	6,0	11,0	23,0	368	7,0	13,0	27,0	438	8,0	15,0	31,0	509	9,0	18,0	35,0	580	10,0	21,0	43,0	722	11,0	24,0	50,0	864
352	9,0	15,0	20,0	514	10,0	17,0	23,0	613	11,0	19,0	27,0	713	12,0	22,0	30,0	813	16,0	26,0	36,0	1012	18,0	31,0	43,0	1211
353	8,0	13,0	27,0	471	9,0	15,0	31,0	562	10,0	18,0	36,0	654	12,0	20,0	41,0	745	14,0	24,0	50,0	928				
354	9,0	15,0	20,0	540	10,0	17,0	23,0	645	11,0	19,0	27,0	750	12,0	22,0	30,0	855	16,0	26,0	36,0	1064	18,0	31,0	43,0	1274
355	6,0	11,0	23,0	402	7,0	13,0	27,0	479	8,0	15,0	31,0	557	9,0	18,0	35,0	634	10,0	21,0	43,0	790	11,0	24,0	50,0	945
356	8,0	13,0	27,0	514	9,0	15,0	31,0	613	10,0	18,0	36,0	713	12,0	20,0	41,0	813	14,0	24,0	50,0	1012				
357	12,0	16,0	23,0	725	14,0	19,0	26,0	867	17,0	22,0	30,0	1008	19,0	24,0	34,0	1150	23,0	30,0	38,0	1433				
358	8,0	13,0	27,0	531	9,0	15,0	31,0	634	10,0	18,0	36,0	737	12,0	20,0	41,0	840	14,0	24,0	50,0	1046				
359	6,0	11,0	23,0	419	7,0	13,0	27,0	500	8,0	15,0	31,0	581	9,0	18,0	35,0	662	10,0	21,0	43,0	823	11,0	24,0	50,0	985
360	6,0	11,0	23,0	421	7,0	13,0	27,0	503	8,0	15,0	31,0	584	9,0	18,0	35,0	665	10,0	21,0	43,0	828	11,0	24,0	50,0	991
361	9,0	15,0	20,0	587	10,0	17,0	23,0	701	11,0	19,0	27,0	815	12,0	22,0	30,0	929	16,0	26,0	36,0	1157	18,0	31,0	43,0	1385
362	9,0	15,0	20,0	600	10,0	17,0	23,0	717	11,0	19,0	27,0	833	12,0	22,0	30,0	950	16,0	26,0	36,0	1183	18,0	31,0	43,0	1417
363	8,0	13,0	27,0	565	9,0	15,0	31,0	675	10,0	18,0	36,0	784	12,0	20,0	41,0	894	14,0	24,0	50,0	1114				
364	6,0	11,0	23,0	446	7,0	13,0	27,0	532	8,0	15,0	31,0	618	9,0	18,0	35,0	704	10,0	21,0	43,0	876	11,0	24,0	50,0	1049
365	8,0	13,0	27,0	588	9,0	15,0	31,0	702	10,0	18,0	36,0	817	12,0	20,0	41,0	931	14,0	24,0	50,0	1160				
366	8,0	13,0	27,0	596	9,0	15,0	31,0	712	10,0	18,0	36,0	828	12,0	20,0	41,0	944	14,0	24,0	50,0	1176				
367	6,0	11,0	23,0	470	7,0	13,0	27,0	561	8,0	15,0	31,0	652	9,0	18,0	35,0	743	10,0	21,0	43,0	925	11,0	24,0	50,0	1107
368	9,0	15,0	20,0	660	10,0	17,0	23,0	788	11,0	19,0	27,0	917	12,0	22,0	30,0	1045	16,0	26,0	36,0	1302	18,0	31,0	43,0	1559
369	6,0	11,0	23,0	480	7,0	13,0	27,0	573	8,0	15,0	31,0	666	9,0	18,0	35,0	758	10,0	21,0	43,0	944	11,0	24,0	50,0	1130
370	8,0	13,0	27,0	662	9,0	15,0	31,0	791	10,0	18,0	36,0	920	12,0	20,0	41,0	1049	14,0	24,0	50,0	1307				
371	6,0	11,0	23,0	521	7,0	13,0	27,0	622	8,0	15,0	31,0	723	9,0	18,0	35,0	824	10,0	21,0	43,0	1026	11,0	24,0	50,0	1228
372	9,0	15,0	20,0	733	10,0	17,0	23,0	876	11,0	19,0	27,0	1019	12,0	22,0	30,0	1162	16,0	26,0	36,0	1447	18,0	31,0	43,0	1733
373	6,0	11,0	23,0	538	7,0	13,0	27,0	643	8,0	15,0	31,0	747	9,0	18,0	35,0	851	10,0	21,0	43,0	1060	11,0	24,0	50,0	1269
374	6,0	11,0	23,0	597	7,0	13,0	27,0	713	8,0	15,0	31,0	828	9,0	18,0	35,0	944	10,0	21,0	43,0	1176	11,0	24,0	50,0	1408

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
1	432	540	648	0,015	MBR-6011	150	300	4,0	8,0	10,0	6	4,0	11,0	13,0	8	5,0	13,0	16,0	10
2	648	810	972	0,023	MBR-6011,5	150	450	4,0	8,0	10,0	8	4,0	11,0	13,0	11	5,0	13,0	16,0	15
3	864	1080	1296	0,030	MBR-6012	150	600	4,0	8,0	10,0	10	4,0	11,0	13,0	15	5,0	13,0	16,0	18
4	864	1080	1296	0,030	MBR-6021	300	300	4,0	8,0	10,0	9	4,0	11,0	13,0	13	5,0	13,0	16,0	16
5	864	1080	1296	0,030	MBR-6211	200	300									4,0	8,0	11,0	11
6	864	1080	1296	0,030	MBR-6411	300	300	4,0	9,0	10,0	9	8,0	15,0	13,0	12	11,0	20,0	17,0	15
7	1037	1296	1555	0,036	MBR-6511	480	300	13,0	14,0	9,0	13	17,0	20,0	12,0	18	21,0	25,0	15,0	23
8	1296	1620	1944	0,045	MBR-6021,5	300	450	4,0	8,0	10,0	12	4,0	11,0	13,0	18	5,0	13,0	16,0	23
9	1296	1620	1944	0,045	MBR-6031	450	300	4,0	8,0	10,0	12	4,0	11,0	13,0	18	5,0	13,0	16,0	23
10	1296	1620	1944	0,045	MBR-6211,5	200	450									4,0	8,0	11,0	16
11	1296	1620	1944	0,045	MBR-6411,5	300	450	4,0	9,0	10,0	11	8,0	15,0	13,0	16	11,0	20,0	17,0	21
12	1296	1620	1944	0,045	MBR-6611	350	300					9,0	11,0	10,0	13	12,0	15,0	13,0	16
13	1555	1944	2333	0,054	MBR-6511,5	480	450	13,0	14,0	9,0	16	17,0	20,0	12,0	23	21,0	25,0	15,0	31
14	1555	1944	2333	0,054	MBR-6711	540	300					15,0	14,0	9,0	18	18,0	19,0	11,0	23
15	1728	2160	2592	0,060	MBR-6022	300	600	4,0	8,0	10,0	15	4,0	11,0	13,0	23	5,0	13,0	16,0	29
16	1728	2160	2592	0,060	MBR-6041	600	300	4,0	8,0	10,0	14	4,0	11,0	13,0	21	5,0	13,0	16,0	26
17	1728	2160	2592	0,060	MBR-6212	200	600									4,0	8,0	11,0	19
18	1728	2160	2592	0,060	MBR-6221	400	300									4,0	8,0	11,0	18
19	1728	2160	2592	0,060	MBR-6412	300	600	4,0	9,0	10,0	14	8,0	15,0	13,0	21	11,0	20,0	17,0	26
20	1728	2160	2592	0,060	MBR-6421	600	300	4,0	9,0	10,0	14	8,0	15,0	13,0	21	11,0	20,0	17,0	26
21	1728	2160	2592	0,060	MBR-6811	400	300									8,0	12,0	11,0	17
22	1944	2430	2916	0,068	MBR-6031,5	450	450	4,0	8,0	10,0	17	4,0	11,0	13,0	24	5,0	13,0	16,0	31
23	1944	2430	2916	0,068	MBR-6611,5	350	450					9,0	11,0	10,0	16	12,0	15,0	13,0	22
24	2074	2592	3110	0,072	MBR-6512	480	600	13,0	14,0	9,0	20	17,0	20,0	12,0	30	21,0	25,0	15,0	38
25	2074	2592	3110	0,072	MBR-6521	960	300	13,0	14,0	9,0	24	17,0	20,0	12,0	35	21,0	25,0	15,0	44

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000				
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		
1	6,0	17,0	19,0	13	7,0	17,0	25,0	15	8,0	20,0	29,0	18	9,0	22,0	32,0	20									
2	6,0	17,0	19,0	18	7,0	17,0	25,0	22	8,0	20,0	29,0	25	9,0	22,0	32,0	28									
3	6,0	17,0	19,0	23	7,0	17,0	25,0	28	8,0	20,0	29,0	32	9,0	22,0	32,0	36									
4	6,0	17,0	19,0	21	7,0	17,0	25,0	25	8,0	20,0	29,0	28	9,0	22,0	32,0	32									
5	5,0	10,0	13,0	14	5,0	12,0	15,0	16	6,0	12,0	21,0	19	6,0	13,0	23,0	21	7,0	17,0	28,0	26	8,0	20,0	33,0	32	
6	12,0	25,0	20,0	20	15,0	25,0	27,0	23	17,0	29,0	31,0	26	20,0	32,0	33,0	29									
7	26,0	30,0	19,0	28	31,0	31,0	26,0	33	35,0	35,0	26,0	38	39,0	36,0	26,0	43									
8	6,0	17,0	19,0	29	7,0	17,0	25,0	33	8,0	20,0	29,0	39	9,0	22,0	32,0	44									
9	6,0	17,0	19,0	29	7,0	17,0	25,0	33	8,0	20,0	29,0	39	9,0	22,0	32,0	44									
10	5,0	10,0	13,0	19	5,0	12,0	15,0	23	6,0	12,0	21,0	26	6,0	13,0	23,0	30	7,0	17,0	28,0	37	8,0	20,0	33,0	43	
11	12,0	25,0	20,0	26	15,0	25,0	27,0	31	17,0	29,0	31,0	36	20,0	32,0	33,0	41									
12	14,0	18,0	16,0	20	16,0	20,0	19,0	24	19,0	21,0	25,0	27	21,0	24,0	29,0	31	26,0	29,0	35,0	38					
13	26,0	30,0	19,0	38	31,0	31,0	26,0	45	35,0	35,0	26,0	52	39,0	36,0	26,0	60									
12	22,0	23,0	14,0	25	25,0	23,0	18,0	35	30,0	26,0	21,0	40	34,0	29,0	24,0	45	41,0	36,0	27,0	56					
15	6,0	17,0	19,0	36	7,0	17,0	25,0	43	8,0	20,0	29,0	49	9,0	22,0	32,0	57									
16	6,0	17,0	19,0	32	7,0	17,0	25,0	38	8,0	20,0	29,0	44	9,0	22,0	32,0	51									
17	5,0	10,0	13,0	24	5,0	12,0	15,0	29	6,0	12,0	21,0	33	6,0	13,0	23,0	38	7,0	17,0	28,0	46	8,0	20,0	33,0	55	
18	5,0	10,0	13,0	22	5,0	12,0	15,0	27	6,0	12,0	21,0	30	6,0	13,0	23,0	35	7,0	17,0	28,0	43	8,0	20,0	33,0	51	
19	12,0	25,0	20,0	33	15,0	25,0	27,0	40	17,0	29,0	31,0	45	20,0	32,0	33,0	52									
20	12,0	25,0	20,0	33	15,0	25,0	27,0	40	17,0	29,0	31,0	45	20,0	32,0	33,0	52									
21	10,0	16,0	14,0	21	12,0	17,0	19,0	25	14,0	18,0	22,0	28	16,0	21,0	25,0	32	18,0	25,0	30,0	40	20,0	29,0	35,0	48	
22	6,0	17,0	19,0	39	7,0	17,0	25,0	46	8,0	20,0	29,0	53	9,0	22,0	32,0	61									
23	14,0	18,0	16,0	27	16,0	20,0	19,0	32	19,0	21,0	25,0	37	21,0	24,0	29,0	42	26,0	29,0	35,0	53					
24	26,0	30,0	19,0	48	31,0	31,0	26,0	57	35,0	35,0	26,0	66	39,0	36,0	26,0	75									
25	26,0	30,0	19,0	55	31,0	31,0	26,0	66	35,0	35,0	26,0	76	39,0	36,0	26,0	86									

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000				
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		
26	2074	2592	3110	0,072	MBR-6911	600	300										14,0	16,0	10,0	24
27	2160	2700	3240	0,075	MBR-6051	750	300	4,0	8,0	10,0	19	4,0	11,0	13,0	28	5,0	13,0	16,0	35	
28	2333	2916	3499	0,081	MBR-6711,5	540	450					15,0	14,0	9,0	24	18,0	19,0	11,0	32	
29	2592	3240	3888	0,090	MBR-6023	300	900	4,0	8,0	10,0	24	4,0	11,0	13,0	34	5,0	13,0	16,0	45	
30	2592	3240	3888	0,090	MBR-6032	450	600	4,0	8,0	10,0	21	4,0	11,0	13,0	30	5,0	13,0	16,0	39	
31	2592	3240	3888	0,090	MBR-6041,5	600	450	4,0	8,0	10,0	19	4,0	11,0	13,0	27	5,0	13,0	16,0	35	
32	2592	3240	3888	0,090	MBR-6213	200	900									4,0	8,0	11,0	31	
33	2592	3240	3888	0,090	MBR-6221,5	400	450									4,0	8,0	11,0	25	
34	2592	3240	3888	0,090	MBR-6231	600	300									4,0	8,0	11,0	25	
35	2592	3240	3888	0,090	MBR-6413	300	900	4,0	9,0	10,0	22	8,0	15,0	13,0	32	11,0	20,0	17,0	42	
36	2592	3240	3888	0,090	MBR-6421,5	600	450	4,0	9,0	10,0	19	8,0	15,0	13,0	28	11,0	20,0	17,0	36	
37	2592	3240	3888	0,090	MBR-6431	900	300	4,0	9,0	10,0	22	8,0	15,0	13,0	32	11,0	20,0	17,0	384	
38	2592	3240	3888	0,090	MBR-6612	350	600					9,0	11,0	10,0	21	12,0	15,0	13,0	27	
39	2592	3240	3888	0,090	MBR-6621	700	300					9,0	11,0	10,0	22	12,0	15,0	13,0	28	
40	2592	3240	3888	0,090	MBR-6811,5	400	450									8,0	12,0	11,0	23	
41	3110	3888	4666	0,108	MBR-6513	480	900	13,0	14,0	9,0	31	17,0	20,0	12,0	45	21,0	25,0	15,0	59	
42	3110	3888	4666	0,108	MBR-6521,5	960	450	13,0	14,0	9,0	32	17,0	20,0	12,0	45	21,0	25,0	15,0	59	
43	3110	3888	4666	0,108	MBR-6712	540	600					15,0	14,0	9,0	30	18,0	19,0	11,0	39	
44	3110	3888	4666	0,108	MBR-6721	1080	300					15,0	14,0	9,0	36	18,0	19,0	11,0	46	
45	3110	3888	4666	0,108	MBR-6911,5	600	450									14,0	16,0	10,0	33	
46	3240	4050	4860	0,113	MBR-6051,5	750	450	4,0	8,0	10,0	26	4,0	11,0	13,0	37	5,0	13,0	16,0	48	
47	3456	4320	5184	0,120	MBR-6024	300	1200	4,0	8,0	10,0	31	4,0	11,0	13,0	45	5,0	13,0	16,0	59	
48	3456	4320	5184	0,120	MBR-6042	600	600	4,0	8,0	10,0	24	4,0	11,0	13,0	33	5,0	13,0	16,0	44	
49	3456	4320	5184	0,120	MBR-6222	400	600									4,0	8,0	11,0	31	
50	3456	4320	5184	0,120	MBR-6241	800	300									4,0	8,0	11,0	35	

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
26	16,0	21,0	12,0	31	18,0	20,0	16,0	36	20,0	23,0	19,0	41	22,0	26,0	21,0	46	28,0	31,0	26,0	58	33,0	37,0	30,0	70
27	6,0	17,0	19,0	44	7,0	17,0	25,0	52	8,0	20,0	29,0	61	9,0	22,0	32,0	69								
28	22,0	23,0	14,0	39	25,0	23,0	18,0	47	30,0	26,0	21,0	53	34,0	29,0	24,0	61	41,0	36,0	27,0	76				
29	6,0	17,0	19,0	56	7,0	17,0	25,0	66	8,0	20,0	29,0	77	9,0	22,0	32,0	87								
30	6,0	17,0	19,0	49	7,0	17,0	25,0	58	8,0	20,0	29,0	68	9,0	22,0	32,0	76								
31	6,0	17,0	19,0	43	7,0	17,0	25,0	52	8,0	20,0	29,0	60	9,0	22,0	32,0	68								
32	5,0	10,0	13,0	39	5,0	12,0	15,0	45	6,0	12,0	21,0	52	6,0	13,0	23,0	59	7,0	17,0	28,0	73	8,0	20,0	33,0	88
33	5,0	10,0	13,0	30	5,0	12,0	15,0	35	6,0	12,0	21,0	41	6,0	13,0	23,0	47	7,0	17,0	28,0	58	8,0	20,0	33,0	70
34	5,0	10,0	13,0	31	5,0	12,0	15,0	36	6,0	12,0	21,0	42	6,0	13,0	23,0	48	7,0	17,0	28,0	60	8,0	20,0	33,0	72
35	12,0	25,0	20,0	52	15,0	25,0	27,0	60	17,0	29,0	31,0	70	20,0	32,0	33,0	80								
36	12,0	25,0	20,0	45	15,0	25,0	27,0	52	17,0	29,0	31,0	61	20,0	32,0	33,0	69								
37	12,0	25,0	20,0	52	15,0	25,0	27,0	60	17,0	29,0	31,0	70	20,0	32,0	33,0	80								
38	14,0	18,0	16,0	34	16,0	20,0	19,0	41	19,0	21,0	25,0	46	21,0	24,0	29,0	53	26,0	29,0	35,0	66				
39	14,0	18,0	16,0	35	16,0	20,0	19,0	42	19,0	21,0	25,0	48	21,0	24,0	29,0	54	26,0	29,0	35,0	67				
40	10,0	16,0	14,0	27	12,0	17,0	19,0	33	14,0	18,0	22,0	38	16,0	21,0	25,0	44	18,0	25,0	30,0	54	20,0	29,0	35,0	64
41	26,0	30,0	19,0	73	31,0	31,0	26,0	86	35,0	35,0	26,0	99	39,0	36,0	26,0	113								
42	26,0	30,0	19,0	73	31,0	31,0	26,0	86	35,0	35,0	26,0	100	39,0	36,0	26,0	114								
43	22,0	23,0	14,0	49	25,0	23,0	18,0	58	30,0	26,0	21,0	67	34,0	29,0	24,0	77	41,0	36,0	27,0	95				
44	22,0	23,0	14,0	58	25,0	23,0	18,0	69	30,0	26,0	21,0	79	34,0	29,0	24,0	90	41,0	36,0	27,0	112				
45	16,0	21,0	12,0	40	18,0	20,0	16,0	48	20,0	23,0	19,0	55	22,0	26,0	21,0	63	28,0	31,0	26,0	78	33,0	37,0	30,0	92
46	6,0	17,0	19,0	59	7,0	17,0	25,0	71	8,0	20,0	29,0	82	9,0	22,0	32,0	93								27
47	6,0	17,0	19,0	72	7,0	17,0	25,0	85	8,0	20,0	29,0	99	9,0	22,0	32,0	113								29
48	6,0	17,0	19,0	54	7,0	17,0	25,0	64	8,0	20,0	29,0	75	9,0	22,0	32,0	85								29
49	5,0	10,0	13,0	38	5,0	12,0	15,0	45	6,0	12,0	21,0	52	6,0	13,0	23,0	59	7,0	17,0	28,0	73	8,0	20,0	33,0	87
50	5,0	10,0	13,0	43	5,0	12,0	15,0	51	6,0	12,0	21,0	59	6,0	13,0	23,0	68	7,0	17,0	28,0	84	8,0	20,0	33,0	99

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
51	3456	4320	5184	0,120	MBR-6414	300	1200	4,0	9,0	10,0	28	8,0	15,0	13,0	42	11,0	20,0	17,0	54
52	3456	4320	5184	0,120	MBR-6422	600	600	4,0	9,0	10,0	23	8,0	15,0	13,0	35	11,0	20,0	17,0	45
53	3456	4320	5184	0,120	MBR-6812	400	600									8,0	12,0	11,0	28
54	3456	4320	5184	0,120	MBR-6821	800	300									8,0	12,0	11,0	29
55	3888	4860	5832	0,135	MBR-6033	450	900	4,0	8,0	10,0	31	4,0	11,0	13,0	46	5,0	13,0	16,0	60
56	3888	4860	5832	0,135	MBR-6231,5	600	450									4,0	8,0	11,0	33
57	3888	4860	5832	0,135	MBR-6431,5	900	450	4,0	9,0	10,0	29	8,0	15,0	13,0	42	11,0	20,0	17,0	54
58	3888	4860	5832	0,135	MBR-6613	350	900					9,0	11,0	10,0	33	12,0	15,0	13,0	43
59	3888	4860	5832	0,135	MBR-6621,5	700	450					9,0	11,0	10,0	29	12,0	15,0	13,0	38
60	3888	4860	5832	0,135	MBR-6631	1050	300					9,0	11,0	10,0	34	12,0	15,0	13,0	44
61	4147	5184	6221	0,144	MBR-6514	480	1200	13,0	14,0	9,0	39	17,0	20,0	12,0	58	21,0	25,0	15,0	75
62	4147	5184	6221	0,144	MBR-6522	960	600	13,0	14,0	9,0	38	17,0	20,0	12,0	56	21,0	25,0	15,0	73
63	4147	5184	6221	0,144	MBR-6912	600	600									14,0	16,0	10,0	40
64	4147	5184	6221	0,144	MBR-6921	1200	300									14,0	16,0	10,0	48
65	4320	5400	6480	0,150	MBR-6052	750	600	4,0	8,0	10,0	32	4,0	11,0	13,0	46	5,0	13,0	16,0	60
66	4666	5832	6998	0,162	MBR-6531,5	1440	450	13,0	14,0	9,0	49	17,0	20,0	12,0	70	21,0	25,0	15,0	91
67	4666	5832	6998	0,162	MBR-6713	540	900					15,0	14,0	9,0	46	18,0	19,0	11,0	60
68	4666	5832	6998	0,162	MBR-6721,5	1080	450					15,0	14,0	9,0	47	18,0	19,0	11,0	61
69	5184	6480	7776	0,180	MBR-6034	450	1200	4,0	8,0	10,0	41	4,0	11,0	13,0	59	5,0	13,0	16,0	77
70	5184	6480	7776	0,180	MBR-6043	600	900	4,0	8,0	10,0	35	4,0	11,0	13,0	51	5,0	13,0	16,0	66
71	5184	6480	7776	0,180	MBR-6062	900	600	4,0	8,0	10,0	37	4,0	11,0	13,0	54	5,0	13,0	16,0	70
72	5184	6480	7776	0,180	MBR-6223	400	900									4,0	8,0	11,0	47
73	5184	6480	7776	0,180	MBR-6232	600	600									4,0	8,0	11,0	41
74	5184	6480	7776	0,180	MBR-6241,5	800	450									4,0	8,0	11,0	46
75	5184	6480	7776	0,180	MBR-6415	480	1500	4,0	9,0	10,0	49	8,0	15,0	13,0	71	11,0	20,0	17,0	92

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000						
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg			
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz				
51	12,0	25,0	20,0	66	15,0	25,0	27,0	78	17,0	29,0	31,0	90	20,0	32,0	33,0	104											
52	12,0	25,0	20,0	56	15,0	25,0	27,0	66	17,0	29,0	31,0	77	20,0	32,0	33,0	88											
53	10,0	16,0	14,0	35	12,0	17,0	19,0	42	14,0	18,0	22,0	48	16,0	21,0	25,0	54	18,0	25,0	30,0	67	20,0	29,0	35,0	80			
54	10,0	16,0	14,0	36	12,0	17,0	19,0	44	14,0	18,0	22,0	50	16,0	21,0	25,0	57	18,0	25,0	30,0	70	20,0	29,0	35,0	84			
55	6,0	17,0	19,0	75	7,0	17,0	25,0	88	8,0	20,0	29,0	102	9,0	22,0	32,0	117											
56	5,0	10,0	13,0	41	5,0	12,0	15,0	49	6,0	12,0	21,0	56	6,0	13,0	23,0	65	7,0	17,0	28,0	81	8,0	20,0	33,0	95			
57	12,0	25,0	20,0	68	15,0	25,0	27,0	80	17,0	29,0	31,0	92	20,0	32,0	33,0	106											
58	14,0	18,0	16,0	53	16,0	20,0	19,0	61	19,0	21,0	25,0	71	21,0	24,0	29,0	81	26,0	29,0	35,0	101							
59	14,0	18,0	16,0	47	16,0	20,0	19,0	54	19,0	21,0	25,0	63	21,0	24,0	29,0	72	26,0	29,0	35,0	90							
60	14,0	18,0	16,0	55	16,0	20,0	19,0	64	19,0	21,0	25,0	74	21,0	24,0	29,0	84	26,0	29,0	35,0	105							
61	26,0	30,0	19,0	93	31,0	31,0	26,0	110	35,0	35,0	26,0	128	39,0	36,0	26,0	147											
62	26,0	30,0	19,0	91	31,0	31,0	26,0	108	35,0	35,0	26,0	125	39,0	36,0	26,0	143											
63	16,0	21,0	12,0	50	18,0	20,0	16,0	60	20,0	23,0	19,0	68	22,0	26,0	21,0	78	28,0	31,0	26,0	97	33,0	37,0	30,0	116			
64	16,0	21,0	12,0	60	18,0	20,0	16,0	72	20,0	23,0	19,0	82	22,0	26,0	21,0	94	28,0	31,0	26,0	116	33,0	37,0	30,0	139			
65	6,0	17,0	19,0	75	7,0	17,0	25,0	89	8,0	20,0	29,0	103	9,0	22,0	32,0	118											
66	26,0	30,0	19,0	113	31,0	31,0	26,0	135	35,0	35,0	26,0	156	39,0	36,0	26,0	178											
67	22,0	23,0	14,0	74	25,0	23,0	18,0	87	30,0	26,0	21,0	101	34,0	29,0	24,0	115	41,0	36,0	27,0	143							
68	22,0	23,0	14,0	76	25,0	23,0	18,0	89	30,0	26,0	21,0	104	34,0	29,0	24,0	118	41,0	36,0	27,0	147							
69	6,0	17,0	19,0	96	7,0	17,0	25,0	114	8,0	20,0	29,0	132	9,0	22,0	32,0	151											
70	6,0	17,0	19,0	82	7,0	17,0	25,0	98	8,0	20,0	29,0	113	9,0	22,0	32,0	128											
71	6,0	17,0	19,0	87	7,0	17,0	25,0	105	8,0	20,0	29,0	121	9,0	22,0	32,0	138											
72	5,0	10,0	13,0	58	5,0	12,0	15,0	69	6,0	12,0	21,0	80	6,0	13,0	23,0	90	7,0	17,0	28,0	112	8,0	20,0	33,0	134			
73	5,0	10,0	13,0	51	5,0	12,0	15,0	61	6,0	12,0	21,0	71	6,0	13,0	23,0	80	7,0	17,0	28,0	100	8,0	20,0	33,0	120			
74	5,0	10,0	13,0	57	5,0	12,0	15,0	67	6,0	12,0	21,0	78	6,0	13,0	23,0	88	7,0	17,0	28,0	110	8,0	20,0	33,0	132			
75	12,0	25,0	20,0	114	15,0	25,0	27,0	135	17,0	29,0	31,0	158	20,0	32,0	33,0	179											

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
76	5184	6480	7776	0,180	MBR-6423	600	900	4,0	9,0	10,0	36	8,0	15,0	13,0	51	11,0	20,0	17,0	67
77	5184	6480	7776	0,180	MBR-6432	900	600	4,0	9,0	10,0	36	8,0	15,0	13,0	51	11,0	20,0	17,0	67
78	5184	6480	7776	0,180	MBR-6441,5	1200	450	4,0	9,0	10,0	38	8,0	15,0	13,0	53	11,0	20,0	17,0	70
79	5184	6480	7776	0,180	MBR-6614	350	1200					9,0	11,0	10,0	42	12,0	15,0	13,0	55
80	5184	6480	7776	0,180	MBR-6622	700	600					9,0	11,0	10,0	36	12,0	15,0	13,0	47
81	5184	6480	7776	0,180	MBR-6813	400	900									8,0	12,0	11,0	44
82	5184	6480	7776	0,180	MBR-6821,5	800	450									8,0	12,0	11,0	39
83	5184	6480	7776	0,180	MBR-6831	1200	300									8,0	12,0	11,0	45
84	5832	7290	8748	0,203	MBR-6631,5	1050	450					9,0	11,0	10,0	44	12,0	15,0	13,0	57
85	6221	7776	9331	0,216	MBR-6523	960	900	13,0	14,0	9,0	54	17,0	20,0	12,0	77	21,0	25,0	15,0	101
86	6221	7776	9331	0,216	MBR-6532	1440	600	13,0	14,0	9,0	60	17,0	20,0	12,0	86	21,0	25,0	15,0	112
87	6221	7776	9331	0,216	MBR-6714	540	1200					15,0	14,0	9,0	59	18,0	19,0	11,0	76
88	6221	7776	9331	0,216	MBR-6722	1080	600					15,0	14,0	9,0	58	18,0	19,0	11,0	75
89	6221	7776	9331	0,216	MBR-6913	600	900									14,0	16,0	10,0	61
90	6221	7776	9331	0,216	MBR-6921,5	1200	450									14,0	16,0	10,0	63
91	6480	8100	9720	0,225	MBR-6053	750	900	4,0	8,0	10,0	47	4,0	11,0	13,0	69	5,0	13,0	16,0	90
92	6480	8100	9720	0,225	MBR-6251,5	1000	450									4,0	8,0	11,0	55
93	6480	8100	9720	0,225	MBR-6451,5	1500	450	4,0	9,0	10,0	50	8,0	15,0	13,0	72	11,0	20,0	17,0	93
94	6912	8640	10368	0,240	MBR-6044	600	1200	4,0	8,0	10,0	45	4,0	11,0	13,0	64	5,0	13,0	16,0	85
95	6912	8640	10368	0,240	MBR-6242	800	600									4,0	8,0	11,0	57
96	6912	8640	10368	0,240	MBR-6424	600	1200	4,0	9,0	10,0	46	8,0	15,0	13,0	66	11,0	20,0	17,0	87
97	6912	8640	10368	0,240	MBR-6442	1200	600	4,0	9,0	10,0	46	8,0	15,0	13,0	66	11,0	20,0	17,0	87
98	6912	8640	10368	0,240	MBR-6814	400	1200									8,0	12,0	11,0	55
99	6912	8640	10368	0,240	MBR-6822	800	600									8,0	12,0	11,0	48
100	7776	9720	11664	0,270	MBR-6063	900	900	4,0	8,0	10,0	55	4,0	11,0	13,0	79	5,0	13,0	16,0	105

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000						
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg			
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz				
76	12,0	25,0	20,0	84	15,0	25,0	27,0	100	17,0	29,0	31,0	116	20,0	32,0	33,0	131											
77	12,0	25,0	20,0	84	15,0	25,0	27,0	100	17,0	29,0	31,0	116	20,0	32,0	33,0	131											
78	12,0	25,0	20,0	87	15,0	25,0	27,0	103	17,0	29,0	31,0	120	20,0	32,0	33,0	136											
79	14,0	18,0	16,0	67	16,0	20,0	19,0	79	19,0	21,0	25,0	92	21,0	24,0	29,0	105	26,0	29,0	35,0	130							
80	14,0	18,0	16,0	57	16,0	20,0	19,0	68	19,0	21,0	25,0	79	21,0	24,0	29,0	91	26,0	29,0	35,0	112							
81	10,0	16,0	14,0	54	12,0	17,0	19,0	63	14,0	18,0	22,0	73	16,0	21,0	25,0	83	18,0	25,0	30,0	103	20,0	29,0	35,0	123			
82	10,0	16,0	14,0	48	12,0	17,0	19,0	56	14,0	18,0	22,0	66	16,0	21,0	25,0	75	18,0	25,0	30,0	93	20,0	29,0	35,0	111			
83	10,0	16,0	14,0	56	12,0	17,0	19,0	66	14,0	18,0	22,0	76	16,0	21,0	25,0	87	18,0	25,0	30,0	108	20,0	29,0	35,0	128			
84	14,0	18,0	16,0	71	16,0	20,0	19,0	84	19,0	21,0	25,0	97	21,0	24,0	29,0	110	26,0	29,0	35,0	137							
85	26,0	30,0	19,0	126	31,0	31,0	26,0	150	35,0	35,0	26,0	175	39,0	36,0	26,0	198											
86	26,0	30,0	19,0	139	31,0	31,0	26,0	166	35,0	35,0	26,0	192	39,0	36,0	26,0	218											
87	22,0	23,0	14,0	94	25,0	23,0	18,0	112	30,0	26,0	21,0	130	34,0	29,0	24,0	148	41,0	36,0	27,0	184							
88	22,0	23,0	14,0	93	25,0	23,0	18,0	110	30,0	26,0	21,0	128	34,0	29,0	24,0	147	41,0	36,0	27,0	182							
89	16,0	21,0	12,0	75	18,0	20,0	16,0	88	20,0	23,0	19,0	103	22,0	26,0	21,0	117	28,0	31,0	26,0	145	33,0	37,0	30,0	174			
90	16,0	21,0	12,0	78	18,0	20,0	16,0	92	20,0	23,0	19,0	107	22,0	26,0	21,0	122	28,0	31,0	26,0	151	33,0	37,0	30,0	181			
91	6,0	17,0	19,0	112	7,0	17,0	25,0	132	8,0	20,0	29,0	154	9,0	22,0	32,0	175											
92	5,0	10,0	13,0	68	5,0	12,0	15,0	82	6,0	12,0	21,0	94	6,0	13,0	23,0	107	7,0	17,0	28,0	134	8,0	20,0	33,0	159			
93	12,0	25,0	20,0	115	15,0	25,0	27,0	137	17,0	29,0	31,0	159	20,0	32,0	33,0	180											
94	6,0	17,0	19,0	105	7,0	17,0	25,0	125	8,0	20,0	29,0	145	9,0	22,0	32,0	164											
95	5,0	10,0	13,0	70	5,0	12,0	15,0	83	6,0	12,0	21,0	97	6,0	13,0	23,0	110	7,0	17,0	28,0	136	8,0	20,0	33,0	163			
96	12,0	25,0	20,0	107	15,0	25,0	27,0	127	17,0	29,0	31,0	149	20,0	32,0	33,0	169											
97	12,0	25,0	20,0	107	15,0	25,0	27,0	127	17,0	29,0	31,0	149	20,0	32,0	33,0	169											
98	10,0	16,0	14,0	68	12,0	17,0	19,0	81	14,0	18,0	22,0	93	16,0	21,0	25,0	107	18,0	25,0	30,0	132	20,0	29,0	35,0	157			
99	10,0	16,0	14,0	59	12,0	17,0	19,0	70	14,0	18,0	22,0	81	16,0	21,0	25,0	93	18,0	25,0	30,0	115	20,0	29,0	35,0	137			
100	6,0	17,0	19,0	130	7,0	17,0	25,0	154	8,0	20,0	29,0	180	9,0	22,0	32,0	204											

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000				
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		
101	7776	9720	11664	0,270	MBR-6233	600	900										4,0	8,0	11,0	63
102	7776	9720	11664	0,270	MBR-6433	900	900	4,0	9,0	10,0	49	8,0	15,0	13,0	71	11,0	20,0	17,0	94	
103	7776	9720	11664	0,270	MBR-6623	700	900					9,0	11,0	10,0	53	12,0	15,0	13,0	69	
104	7776	9720	11664	0,270	MBR-6632	1050	600					9,0	11,0	10,0	53	12,0	15,0	13,0	70	
105	7776	9720	11664	0,270	MBR-6641,5	1400	450					9,0	11,0	10,0	56	12,0	15,0	13,0	73	
106	7776	9720	11664	0,270	MBR-6715	540	1500					15,0	14,0	9,0	78	18,0	19,0	11,0	101	
107	7776	9720	11664	0,270	MBR-6831,5	1200	450									8,0	12,0	11,0	59	
108	8294	10368	12442	0,288	MBR-6524	960	1200	13,0	14,0	9,0	68	17,0	20,0	12,0	99	21,0	25,0	15,0	131	
109	8294	10368	12442	0,288	MBR-6542	1920	600	13,0	14,0	9,0	77	17,0	20,0	12,0	111	21,0	25,0	15,0	146	
110	8294	10368	12442	0,288	MBR-6914	600	1200									14,0	16,0	10,0	77	
111	8294	10368	12442	0,288	MBR-6922	1200	600									14,0	16,0	10,0	77	
112	8640	10800	12960	0,300	MBR-6045	600	1500	4,0	8,0	10,0	66	4,0	11,0	13,0	96	5,0	13,0	16,0	126	
113	8640	10800	12960	0,300	MBR-6054	750	1200	4,0	8,0	10,0	60	4,0	11,0	13,0	88	5,0	13,0	16,0	115	
114	8640	10800	12960	0,300	MBR-6252	1000	600									4,0	8,0	11,0	68	
115	8640	10800	12960	0,300	MBR-6452	1500	600	4,0	9,0	10,0	60	8,0	15,0	13,0	87	11,0	20,0	17,0	114	
116	9072	11340	13608	0,315	MBR-6073	1050	900	4,0	8,0	10,0	63	4,0	11,0	13,0	91	5,0	13,0	16,0	119	
117	9331	11664	13997	0,324	MBR-6533	1440	900	13,0	14,0	9,0	80	17,0	20,0	12,0	117	21,0	25,0	15,0	154	
118	9331	11664	13997	0,324	MBR-6723	1080	900					15,0	14,0	9,0	79	18,0	19,0	11,0	104	
119	9331	11664	13997	0,324	MBR-6931,5	1800	450									14,0	16,0	10,0	99	
120	10368	12960	15552	0,360	MBR-6064	900	1200	4,0	8,0	10,0	69	4,0	11,0	13,0	103	5,0	13,0	16,0	135	
121	10368	12960	15552	0,360	MBR-6234	600	1200									4,0	8,0	11,0	80	
122	10368	12960	15552	0,360	MBR-6243	800	900									4,0	8,0	11,0	78	
123	10368	12960	15552	0,360	MBR-6262	1200	600									4,0	8,0	11,0	80	
124	10368	12960	15552	0,360	MBR-6426	600	1800	4,0	9,0	10,0	71	8,0	15,0	13,0	103	11,0	20,0	17,0	134	
125	10368	12960	15552	0,360	MBR-6434	900	1200	4,0	9,0	10,0	62	8,0	15,0	13,0	92	11,0	20,0	17,0	120	

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
101	5,0	10,0	13,0	78	5,0	12,0	15,0	92	6,0	12,0	21,0	107	6,0	13,0	23,0	121	7,0	17,0	28,0	150	8,0	20,0	33,0	179
102	12,0	25,0	20,0	117	15,0	25,0	27,0	138	17,0	29,0	31,0	161	20,0	32,0	33,0	183								
103	14,0	18,0	16,0	86	16,0	20,0	19,0	102	19,0	21,0	25,0	119	21,0	24,0	29,0	134	26,0	29,0	35,0	167				
104	14,0	18,0	16,0	87	16,0	20,0	19,0	103	19,0	21,0	25,0	120	21,0	24,0	29,0	136	26,0	29,0	35,0	169				
105	14,0	18,0	16,0	91	16,0	20,0	19,0	108	19,0	21,0	25,0	126	21,0	24,0	29,0	142	26,0	29,0	35,0	177				
106	22,0	23,0	14,0	125	25,0	23,0	18,0	148	30,0	26,0	21,0	172	34,0	29,0	24,0	195	41,0	36,0	27,0	242				
107	10,0	16,0	14,0	74	12,0	17,0	19,0	87	14,0	18,0	22,0	101	16,0	21,0	25,0	115	18,0	25,0	30,0	143	20,0	29,0	35,0	170
108	26,0	30,0	19,0	161	31,0	31,0	26,0	192	35,0	35,0	26,0	224	39,0	36,0	26,0	254								
109	26,0	30,0	19,0	180	31,0	31,0	26,0	214	35,0	35,0	26,0	249	39,0	36,0	26,0	283								
110	16,0	21,0	12,0	95	18,0	20,0	16,0	113	20,0	23,0	19,0	131	22,0	26,0	21,0	150	28,0	31,0	26,0	186	33,0	37,0	30,0	222
111	16,0	21,0	12,0	95	18,0	20,0	16,0	113	20,0	23,0	19,0	131	22,0	26,0	21,0	150	28,0	31,0	26,0	186	33,0	37,0	30,0	222
112	6,0	17,0	19,0	156	7,0	17,0	25,0	185	8,0	20,0	29,0	215	9,0	22,0	32,0	245								
113	6,0	17,0	19,0	143	7,0	17,0	25,0	170	8,0	20,0	29,0	198	9,0	22,0	32,0	226								
114	5,0	10,0	13,0	84	5,0	12,0	15,0	100	6,0	12,0	21,0	116	6,0	13,0	23,0	132	7,0	17,0	28,0	164	8,0	20,0	33,0	197
115	12,0	25,0	20,0	141	15,0	25,0	27,0	167	17,0	29,0	31,0	194	20,0	32,0	33,0	221								
116	6,0	17,0	19,0	149	7,0	17,0	25,0	177	8,0	20,0	29,0	205	9,0	22,0	32,0	233								
117	26,0	30,0	19,0	191	31,0	31,0	26,0	227	35,0	35,0	26,0	263	39,0	36,0	26,0	300								
118	22,0	23,0	14,0	128	25,0	23,0	18,0	153	30,0	26,0	21,0	178	34,0	29,0	24,0	202	41,0	36,0	27,0	252				
119	16,0	21,0	12,0	123	18,0	20,0	16,0	145	20,0	23,0	19,0	168	22,0	26,0	21,0	192	28,0	31,0	26,0	238	33,0	37,0	30,0	283
120	6,0	17,0	19,0	167	7,0	17,0	25,0	199	8,0	20,0	29,0	231	9,0	22,0	32,0	264								
121	5,0	10,0	13,0	99	5,0	12,0	15,0	118	6,0	12,0	21,0	136	6,0	13,0	23,0	155	7,0	17,0	28,0	193	8,0	20,0	33,0	230
122	5,0	10,0	13,0	97	5,0	12,0	15,0	116	6,0	12,0	21,0	133	6,0	13,0	23,0	152	7,0	17,0	28,0	189	8,0	20,0	33,0	226
123	5,0	10,0	13,0	99	5,0	12,0	15,0	118	6,0	12,0	21,0	136	6,0	13,0	23,0	155	7,0	17,0	28,0	193	8,0	20,0	33,0	230
124	12,0	25,0	20,0	166	15,0	25,0	27,0	198	17,0	29,0	31,0	229	20,0	32,0	33,0	261								
125	12,0	25,0	20,0	149	15,0	25,0	27,0	178	17,0	29,0	31,0	206	20,0	32,0	33,0	235								

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
126	10368	12960	15552	0,360	MBR-6443	1200	900	4,0	9,0	10,0	62	8,0	15,0	13,0	92	11,0	20,0	17,0	120
127	10368	12960	15552	0,360	MBR-6525	960	1500	13,0	14,0	9,0	88	17,0	20,0	12,0	128	21,0	25,0	15,0	168
128	10368	12960	15552	0,360	MBR-6552	2400	600	13,0	14,0	9,0	94	17,0	20,0	12,0	137	21,0	25,0	15,0	179
129	10368	12960	15552	0,360	MBR-6624	700	1200					9,0	11,0	10,0	67	12,0	15,0	13,0	89
130	10368	12960	15552	0,360	MBR-6642	1400	600					9,0	11,0	10,0	69	12,0	15,0	13,0	91
131	10368	12960	15552	0,360	MBR-6823	800	900									8,0	12,0	11,0	71
132	10368	12960	15552	0,360	MBR-6832	1200	600									8,0	12,0	11,0	73
133	10368	12960	15552	0,360	MBR-6841,5	1600	450									8,0	12,0	11,0	84
134	10368	12960	15552	0,360	MBR-6915	600	1500									14,0	16,0	10,0	94
135	10800	13500	16200	0,375	MBR-6055	750	1500	4,0	8,0	10,0	78	4,0	11,0	13,0	114	5,0	13,0	16,0	149
136	11664	14580	17496	0,405	MBR-6633	1050	900					9,0	11,0	10,0	73	12,0	15,0	13,0	97
137	12096	15120	18144	0,420	MBR-6074	1050	1200	4,0	8,0	10,0	80	4,0	11,0	13,0	116	5,0	13,0	16,0	154
138	12096	15120	18144	0,420	MBR-6272	1400	600									4,0	8,0	11,0	92
139	12442	15552	18662	0,432	MBR-6526	960	1800	13,0	14,0	9,0	103	17,0	20,0	12,0	150	21,0	25,0	15,0	197
140	12442	15552	18662	0,432	MBR-6534	1440	1200	13,0	14,0	9,0	101	17,0	20,0	12,0	148	21,0	25,0	15,0	195
141	12442	15552	18662	0,432	MBR-6543	1920	900	13,0	14,0	9,0	104	17,0	20,0	12,0	151	21,0	25,0	15,0	198
142	12442	15552	18662	0,432	MBR-6724	1080	1200					15,0	14,0	9,0	100	18,0	19,0	11,0	133
143	12442	15552	18662	0,432	MBR-6742	2160	600					15,0	14,0	9,0	115	18,0	19,0	11,0	151
144	12442	15552	18662	0,432	MBR-6923	1200	900									14,0	16,0	10,0	106
145	12442	15552	18662	0,432	MBR-6932	1800	600									14,0	16,0	10,0	120
146	12442	15552	18662	0,432	MBR-6941,5	2400	450									14,0	16,0	10,0	129
147	12960	16200	19440	0,450	MBR-6056	750	1800	4,0	8,0	10,0	92	4,0	11,0	13,0	134	5,0	13,0	16,0	176
148	12960	16200	19440	0,450	MBR-6065	900	1500	4,0	8,0	10,0	90	4,0	11,0	13,0	132	5,0	13,0	16,0	173
149	12960	16200	19440	0,450	MBR-6253	1000	900									4,0	8,0	11,0	94
150	12960	16200	19440	0,450	MBR-6435	900	1500	4,0	9,0	10,0	81	8,0	15,0	13,0	119	11,0	20,0	17,0	155

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
126	12,0	25,0	20,0	149	15,0	25,0	27,0	178	17,0	29,0	31,0	206	20,0	32,0	33,0	235								
127	26,0	30,0	19,0	208	31,0	31,0	26,0	248	35,0	35,0	26,0	288	39,0	36,0	26,0	328								
128	26,0	30,0	19,0	221	31,0	31,0	26,0	264	35,0	35,0	26,0	306	39,0	36,0	26,0	349								
129	14,0	18,0	16,0	109	16,0	20,0	19,0	130	19,0	21,0	25,0	151	21,0	24,0	29,0	172	26,0	29,0	35,0	214				
130	14,0	18,0	16,0	111	16,0	20,0	19,0	132	19,0	21,0	25,0	154	21,0	24,0	29,0	175	26,0	29,0	35,0	218				
131	10,0	16,0	14,0	88	12,0	17,0	19,0	105	14,0	18,0	22,0	121	16,0	21,0	25,0	137	18,0	25,0	30,0	171	20,0	29,0	35,0	205
132	10,0	16,0	14,0	90	12,0	17,0	19,0	107	14,0	18,0	22,0	124	16,0	21,0	25,0	140	18,0	25,0	30,0	175	20,0	29,0	35,0	209
133	10,0	16,0	14,0	104	12,0	17,0	19,0	124	14,0	18,0	22,0	144	16,0	21,0	25,0	162	18,0	25,0	30,0	202	20,0	29,0	35,0	241
134	16,0	21,0	12,0	117	18,0	20,0	16,0	138	20,0	23,0	19,0	161	22,0	26,0	21,0	183	28,0	31,0	26,0	227	33,0	37,0	30,0	271
135	6,0	17,0	19,0	186	7,0	17,0	25,0	221	8,0	20,0	29,0	257	9,0	22,0	32,0	292								
136	14,0	18,0	16,0	120	16,0	20,0	19,0	142	19,0	21,0	25,0	165	21,0	24,0	29,0	188	26,0	29,0	35,0	233				
137	6,0	17,0	19,0	190	7,0	17,0	25,0	227	8,0	20,0	29,0	264	9,0	22,0	32,0	301								
138	5,0	10,0	13,0	113	5,0	12,0	15,0	134	6,0	12,0	21,0	156	6,0	13,0	23,0	178	7,0	17,0	28,0	221	8,0	20,0	33,0	264
139	26,0	30,0	19,0	245	31,0	31,0	26,0	292	35,0	35,0	26,0	339	39,0	36,0	26,0	386								
140	26,0	30,0	19,0	242	31,0	31,0	26,0	289	35,0	35,0	26,0	335	39,0	36,0	26,0	382								
141	26,0	30,0	19,0	246	31,0	31,0	26,0	294	35,0	35,0	26,0	341	39,0	36,0	26,0	389								
142	22,0	23,0	14,0	164	25,0	23,0	18,0	195	30,0	26,0	21,0	227	34,0	29,0	24,0	258	41,0	36,0	27,0	322				
143	22,0	23,0	14,0	186	25,0	23,0	18,0	221	30,0	26,0	21,0	257	34,0	29,0	24,0	293	41,0	36,0	27,0	364				
144	16,0	21,0	12,0	131	18,0	20,0	16,0	156	20,0	23,0	19,0	181	22,0	26,0	21,0	206	28,0	31,0	26,0	256	33,0	37,0	30,0	307
145	16,0	21,0	12,0	148	18,0	20,0	16,0	176	20,0	23,0	19,0	205	22,0	26,0	21,0	232	28,0	31,0	26,0	288	33,0	37,0	30,0	345
146	16,0	21,0	12,0	159	18,0	20,0	16,0	190	20,0	23,0	19,0	220	22,0	26,0	21,0	249	28,0	31,0	26,0	310	33,0	37,0	30,0	370
147	6,0	17,0	19,0	218	7,0	17,0	25,0	260	8,0	20,0	29,0	302	9,0	22,0	32,0	344								
148	6,0	17,0	19,0	215	7,0	17,0	25,0	256	8,0	20,0	29,0	297	9,0	22,0	32,0	339								
149	5,0	10,0	13,0	117	5,0	12,0	15,0	138	6,0	12,0	21,0	161	6,0	13,0	23,0	183	7,0	17,0	28,0	227	8,0	20,0	33,0	272
150	12,0	25,0	20,0	193	15,0	25,0	27,0	229	17,0	29,0	31,0	266	20,0	32,0	33,0	303								

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
151	12960	16200	19440	0,450	MBR-6453	1500	900	4,0	9,0	10,0	81	8,0	15,0	13,0	119	11,0	20,0	17,0	155
152	12960	16200	19440	0,450	MBR-6625	700	1500					9,0	11,0	10,0	89	12,0	15,0	13,0	116
153	12960	16200	19440	0,450	MBR-6652	1750	600					9,0	11,0	10,0	91	12,0	15,0	13,0	119
154	13824	17280	20736	0,480	MBR-6084	1200	1200	4,0	8,0	10,0	89	4,0	11,0	13,0	131	5,0	13,0	16,0	172
155	13824	17280	20736	0,480	MBR-6244	800	1200									4,0	8,0	11,0	88
156	13824	17280	20736	0,480	MBR-6282	1600	600									4,0	8,0	11,0	111
157	13824	17280	20736	0,480	MBR-6444	1200	1200	4,0	9,0	10,0	80	8,0	15,0	13,0	116	11,0	20,0	17,0	153
158	13824	17280	20736	0,480	MBR-6824	800	1200									8,0	12,0	11,0	91
159	13824	17280	20736	0,480	MBR-6842	1600	600									8,0	12,0	11,0	102
160	13997	17496	20995	0,486	MBR-6733	1620	900					15,0	14,0	9,0	120	18,0	19,0	11,0	158
161	14515	18144	21773	0,504	MBR-6527	960	2100	13,0	14,0	9,0	118	17,0	20,0	12,0	173	21,0	25,0	15,0	227
162	15120	18900	22680	0,525	MBR-6075	1050	1500	4,0	8,0	10,0	102	4,0	11,0	13,0	150	5,0	13,0	16,0	197
163	15552	19440	23328	0,540	MBR-6066	900	1800	4,0	8,0	10,0	107	4,0	11,0	13,0	155	5,0	13,0	16,0	204
164	15552	19440	23328	0,540	MBR-6263	1200	900									4,0	8,0	11,0	110
165	15552	19440	23328	0,540	MBR-6436	900	1800	4,0	9,0	10,0	96	8,0	15,0	13,0	139	11,0	20,0	17,0	183
166	15552	19440	23328	0,540	MBR-6463	1800	900	4,0	9,0	10,0	96	8,0	15,0	13,0	139	11,0	20,0	17,0	183
167	15552	19440	23328	0,540	MBR-6535	1440	1500	13,0	14,0	9,0	123	17,0	20,0	12,0	180	21,0	25,0	15,0	236
168	15552	19440	23328	0,540	MBR-6553	2400	900	13,0	14,0	9,0	127	17,0	20,0	12,0	186	21,0	25,0	15,0	244
169	15552	19440	23328	0,540	MBR-6634	1050	1200					9,0	11,0	10,0	94	12,0	15,0	13,0	122
170	15552	19440	23328	0,540	MBR-6643	1400	900					9,0	11,0	10,0	94	12,0	15,0	13,0	123
171	15552	19440	23328	0,540	MBR-6662	2100	600					9,0	11,0	10,0	108	12,0	15,0	13,0	181
172	15552	19440	23328	0,540	MBR-6725	1080	1500					15,0	14,0	9,0	130	18,0	19,0	11,0	170
173	15552	19440	23328	0,540	MBR-6752	2700	600					15,0	14,0	9,0	142	18,0	19,0	11,0	185
174	15552	19440	23328	0,540	MBR-6833	1200	900									8,0	12,0	11,0	99
175	16589	20736	24883	0,576	MBR-6544	1920	1200	13,0	14,0	9,0	131	17,0	20,0	12,0	191	21,0	25,0	15,0	251

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000					
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg		
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz			
151	12,0	25,0	20,0	193	15,0	25,0	27,0	229	17,0	29,0	31,0	266	20,0	32,0	33,0	303										
152	14,0	18,0	16,0	143	16,0	20,0	19,0	170	19,0	21,0	25,0	198	21,0	24,0	29,0	225	26,0	29,0	35,0	279						
153	14,0	18,0	16,0	147	16,0	20,0	19,0	175	19,0	21,0	25,0	203	21,0	24,0	29,0	231	26,0	29,0	35,0	286						
154	6,0	17,0	19,0	214	7,0	17,0	25,0	256	8,0	20,0	29,0	297	9,0	22,0	32,0	339										
155	5,0	10,0	13,0	109	5,0	12,0	15,0	130	6,0	12,0	21,0	151	6,0	13,0	23,0	171	7,0	17,0	28,0	212	8,0	20,0	33,0	254		
156	5,0	10,0	13,0	138	5,0	12,0	15,0	164	6,0	12,0	21,0	190	6,0	13,0	23,0	216	7,0	17,0	28,0	268	8,0	20,0	33,0	321		
157	12,0	25,0	20,0	190	15,0	25,0	27,0	227	17,0	29,0	31,0	264	20,0	32,0	33,0	300										
158	10,0	16,0	14,0	111	12,0	17,0	19,0	132	14,0	18,0	22,0	154	16,0	21,0	25,0	175	18,0	25,0	30,0	218	20,0	29,0	35,0	260		
159	10,0	16,0	14,0	126	12,0	17,0	19,0	149	14,0	18,0	22,0	173	16,0	21,0	25,0	197	18,0	25,0	30,0	244	20,0	29,0	35,0	292		
160	22,0	23,0	14,0	195	25,0	23,0	18,0	232	30,0	26,0	21,0	270	34,0	29,0	24,0	307	41,0	36,0	27,0	382						
161	26,0	30,0	19,0	281	31,0	31,0	26,0	335	35,0	35,0	26,0	390	39,0	36,0	26,0	445										
162	6,0	17,0	19,0	244	7,0	17,0	25,0	291	8,0	20,0	29,0	339	9,0	22,0	32,0	386				105						
163	6,0	17,0	19,0	253	7,0	17,0	25,0	302	8,0	20,0	29,0	351	9,0	22,0	32,0	399				108						
164	5,0	10,0	13,0	136	5,0	12,0	15,0	161	6,0	12,0	21,0	188	6,0	13,0	23,0	214	7,0	17,0	28,0	266	8,0	20,0	33,0	318		
165	12,0	25,0	20,0	226	15,0	25,0	27,0	269	17,0	29,0	31,0	313	20,0	32,0	33,0	356										
166	12,0	25,0	20,0	226	15,0	25,0	27,0	269	17,0	29,0	31,0	313	20,0	32,0	33,0	356										
167	26,0	30,0	19,0	293	31,0	31,0	26,0	59	35,0	35,0	26,0	407	39,0	36,0	26,0	463										
168	26,0	30,0	19,0	302	31,0	31,0	26,0	360	35,0	35,0	26,0	419	39,0	36,0	26,0	477										
169	14,0	18,0	16,0	152	16,0	20,0	19,0	181	19,0	21,0	25,0	210	21,0	24,0	29,0	239	26,0	29,0	35,0	297						
170	14,0	18,0	16,0	153	16,0	20,0	19,0	182	19,0	21,0	25,0	211	21,0	24,0	29,0	241	26,0	29,0	35,0	299						
171	14,0	18,0	16,0	173	16,0	20,0	19,0	207	19,0	21,0	25,0	239	21,0	24,0	29,0	272	26,0	29,0	35,0	338						
172	22,0	23,0	14,0	211	25,0	23,0	18,0	251	30,0	26,0	21,0	292	34,0	29,0	24,0	333	41,0	36,0	27,0	414						
173	22,0	23,0	14,0	229	25,0	23,0	18,0	273	30,0	26,0	21,0	316	34,0	29,0	24,0	360	41,0	36,0	27,0	448						
174	10,0	16,0	14,0	123	12,0	17,0	19,0	145	14,0	18,0	22,0	169	16,0	21,0	25,0	193	18,0	25,0	30,0	239	20,0	29,0	35,0	285		
175	26,0	30,0	19,0	312	31,0	31,0	26,0	373	35,0	35,0	26,0	433	39,0	36,0	26,0	493										

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
176	16589	20736	24883	0,576	MBR-6924	1200	1200									14,0	16,0	10,0	135
177	16589	20736	24883	0,576	MBR-6942	2400	600									14,0	16,0	10,0	156
178	17280	21600	25920	0,600	MBR-6004	1500	1200	4,0	8,0	10,0	115	4,0	11,0	13,0	167	5,0	13,0	16,0	220
179	17280	21600	25920	0,600	MBR-6085	1200	1500	4,0	8,0	10,0	115	4,0	11,0	13,0	167	5,0	13,0	16,0	220
180	17280	21600	25920	0,600	MBR-6245	800	1500									4,0	8,0	11,0	130
181	17280	21600	25920	0,600	MBR-6254	1000	1200									4,0	8,0	11,0	120
182	17280	21600	25920	0,600	MBR-6445	1200	1500	4,0	9,0	10,0	103	8,0	15,0	13,0	149	11,0	20,0	17,0	196
183	17280	21600	25920	0,600	MBR-6454	1500	1200	4,0	9,0	10,0	103	8,0	15,0	13,0	149	11,0	20,0	17,0	196
184	17280	21600	25920	0,600	MBR-6825	800	1500									8,0	12,0	11,0	118
185	17280	21600	25920	0,600	MBR-6852	2000	600									8,0	12,0	11,0	124
186	18144	22680	27216	0,630	MBR-6076	1050	1800	4,0	8,0	10,0	120	4,0	11,0	13,0	176	5,0	13,0	16,0	231
187	18144	22680	27216	0,630	MBR-6273	1400	900									4,0	8,0	11,0	125
188	18144	22680	27216	0,630	MBR-6437	900	2100	4,0	9,0	10,0	110	8,0	15,0	13,0	160	11,0	20,0	17,0	210
189	18144	22680	27216	0,630	MBR-6672	2450	600					9,0	11,0	10,0	124	12,0	15,0	13,0	162
190	18662	23328	27994	0,648	MBR-6536	1440	1800	13,0	14,0	9,0	144	17,0	20,0	12,0	210	21,0	25,0	15,0	278
191	18662	23328	27994	0,648	MBR-6563	2880	900	13,0	14,0	9,0	151	17,0	20,0	12,0	219	21,0	25,0	15,0	289
192	18662	23328	27994	0,648	MBR-6726	1080	1800					15,0	14,0	9,0	152	18,0	19,0	11,0	200
193	18662	23328	27994	0,648	MBR-6734	1620	1200					15,0	14,0	9,0	151	18,0	19,0	11,0	198
194	18662	23328	27994	0,648	MBR-6743	2160	900					15,0	14,0	9,0	155	18,0	19,0	11,0	203
195	18662	23328	27994	0,648	MBR-6933	1800	900									14,0	16,0	10,0	161
196	19440	24300	29160	0,675	MBR-6095	1350	1500	4,0	8,0	10,0	127	4,0	11,0	13,0	186	5,0	13,0	16,0	244
197	19440	24300	29160	0,675	MBR-6635	1050	1500					9,0	11,0	10,0	121	12,0	15,0	13,0	158
198	19440	24300	29160	0,675	MBR-6653	1750	900					9,0	11,0	10,0	123	12,0	15,0	13,0	160
199	20736	25920	31104	0,720	MBR-6086	1200	1800	4,0	8,0	10,0	135	4,0	11,0	13,0	197	5,0	13,0	16,0	260
200	20736	25920	31104	0,720	MBR-6264	1200	1200									4,0	8,0	11,0	140

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
176	16,0	21,0	12,0	166	18,0	20,0	16,0	198	20,0	23,0	19,0	230	22,0	26,0	21,0	262	28,0	31,0	26,0	326	33,0	37,0	30,0	390
177	16,0	21,0	12,0	192	18,0	20,0	16,0	228	20,0	23,0	19,0	266	22,0	26,0	21,0	302	28,0	31,0	26,0	375	33,0	37,0	30,0	448
179	6,0	17,0	19,0	273	7,0	17,0	25,0	326	8,0	20,0	29,0	379	9,0	22,0	32,0	432								
178	6,0	17,0	19,0	273	7,0	17,0	25,0	326	8,0	20,0	29,0	379	9,0	22,0	32,0	432								
180	5,0	10,0	13,0	161	5,0	12,0	15,0	191	6,0	12,0	21,0	222	6,0	13,0	23,0	253	7,0	17,0	28,0	314	8,0	20,0	33,0	375
181	5,0	10,0	13,0	148	5,0	12,0	15,0	177	6,0	12,0	21,0	205	6,0	13,0	23,0	233	7,0	17,0	28,0	290	8,0	20,0	33,0	347
182	12,0	25,0	20,0	243	15,0	25,0	27,0	290	17,0	29,0	31,0	337	20,0	32,0	33,0	384								
183	12,0	25,0	20,0	243	15,0	25,0	27,0	290	17,0	29,0	31,0	337	20,0	32,0	33,0	384								
184	10,0	16,0	14,0	146	12,0	17,0	19,0	173	14,0	18,0	22,0	201	16,0	21,0	25,0	229	18,0	25,0	30,0	284	20,0	29,0	35,0	339
185	10,0	16,0	14,0	153	12,0	17,0	19,0	182	14,0	18,0	22,0	211	16,0	21,0	25,0	240	18,0	25,0	30,0	298	20,0	29,0	35,0	356
186	6,0	17,0	19,0	288	7,0	17,0	25,0	344	8,0	20,0	29,0	399	9,0	22,0	32,0	455								
187	5,0	10,0	13,0	156	5,0	12,0	15,0	185	6,0	12,0	21,0	215	6,0	13,0	23,0	244	7,0	17,0	28,0	305	8,0	20,0	33,0	365
188	12,0	25,0	20,0	260	15,0	25,0	27,0	310	17,0	29,0	31,0	360	20,0	32,0	33,0	410								
189	14,0	18,0	16,0	200	16,0	20,0	19,0	237	19,0	21,0	25,0	275	21,0	24,0	29,0	314	26,0	29,0	35,0	390				
190	26,0	30,0	19,0	344	31,0	31,0	26,0	411	35,0	35,0	26,0	478	39,0	36,0	26,0	544								
191	26,0	30,0	19,0	358	31,0	31,0	26,0	427	35,0	35,0	26,0	496	39,0	36,0	26,0	565								
192	22,0	23,0	14,0	248	25,0	23,0	18,0	296	30,0	26,0	21,0	343	34,0	29,0	24,0	391	41,0	36,0	27,0	486				
193	22,0	23,0	14,0	246	25,0	23,0	18,0	294	30,0	26,0	21,0	341	34,0	29,0	24,0	389	41,0	36,0	27,0	483				
194	22,0	23,0	14,0	252	25,0	23,0	18,0	301	30,0	26,0	21,0	349	34,0	29,0	24,0	398	41,0	36,0	27,0	495				
195	16,0	21,0	12,0	200	18,0	20,0	16,0	237	20,0	23,0	19,0	276	22,0	26,0	21,0	314	28,0	31,0	26,0	390	33,0	37,0	30,0	466
196	6,0	17,0	19,0	303	7,0	17,0	25,0	362	8,0	20,0	29,0	421	9,0	22,0	32,0	479								
197	14,0	18,0	16,0	196	16,0	20,0	19,0	233	19,0	21,0	25,0	271	21,0	24,0	29,0	308	26,0	29,0	35,0	384				
198	14,0	18,0	16,0	199	16,0	20,0	19,0	236	19,0	21,0	25,0	275	21,0	24,0	29,0	312	26,0	29,0	35,0	388				
199	6,0	17,0	19,0	322	7,0	17,0	25,0	384	8,0	20,0	29,0	447	9,0	22,0	32,0	509								
200	5,0	10,0	13,0	173	5,0	12,0	15,0	206	6,0	12,0	21,0	239	6,0	13,0	23,0	273	7,0	17,0	28,0	339	8,0	20,0	33,0	405

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000				
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		
201	20736	25920	31104	0,720	MBR-6283	1600	900										4,0	8,0	11,0	151
202	20736	25920	31104	0,720	MBR-6446	1200	1800	4,0	9,0	10,0	120	8,0	15,0	13,0	176	11,0	20,0	17,0	231	
203	20736	25920	31104	0,720	MBR-6464	1800	1200	4,0	9,0	10,0	120	8,0	15,0	13,0	176	11,0	20,0	17,0	231	
204	20736	25920	31104	0,720	MBR-6545	1920	1500	13,0	14,0	9,0	158	17,0	20,0	12,0	231	21,0	25,0	15,0	305	
205	20736	25920	31104	0,720	MBR-6554	2400	1200	13,0	14,0	9,0	160	17,0	20,0	12,0	234	21,0	25,0	15,0	308	
206	20736	25920	31104	0,720	MBR-6644	1400	1200					9,0	11,0	10,0	119	12,0	15,0	13,0	156	
207	20736	25920	31104	0,720	MBR-6834	1200	1200									8,0	12,0	11,0	125	
208	20736	25920	31104	0,720	MBR-6843	1600	900									8,0	12,0	11,0	136	
209	20736	25920	31104	0,720	MBR-6925	1200	1500									14,0	16,0	10,0	173	
210	21600	27000	32400	0,750	MBR-6005	1500	1500	4,0	8,0	10,0	139	4,0	11,0	13,0	203	5,0	13,0	16,0	268	
211	21600	27000	32400	0,750	MBR-6255	1000	1500									4,0	8,0	11,0	145	
212	21600	27000	32400	0,750	MBR-6455	1500	1500	4,0	9,0	10,0	124	8,0	15,0	13,0	181	11,0	20,0	17,0	238	
213	21773	27216	32659	0,756	MBR-6537	1440	2100	13,0	14,0	9,0	165	17,0	20,0	12,0	242	21,0	25,0	15,0	319	
214	21773	27216	32659	0,756	MBR-6727	1080	2100					15,0	14,0	9,0	175	18,0	19,0	11,0	230	
215	23328	29160	34992	0,810	MBR-6096	1350	1800	4,0	8,0	10,0	148	4,0	11,0	13,0	218	5,0	13,0	16,0	288	
216	23328	29160	34992	0,810	MBR-6636	1050	1800					9,0	11,0	10,0	141	12,0	15,0	13,0	186	
217	23328	29160	34992	0,810	MBR-6663	2100	900					9,0	11,0	10,0	144	12,0	15,0	13,0	230	
218	23328	29160	34992	0,810	MBR-6735	1620	1500					15,0	14,0	9,0	183	18,0	19,0	11,0	240	
219	23328	29160	34992	0,810	MBR-6753	2700	900					15,0	14,0	9,0	191	18,0	19,0	11,0	250	
220	24192	30240	36288	0,840	MBR-6274	1400	1200									4,0	8,0	11,0	160	
221	24192	30240	36288	0,840	MB-R6447	1200	2100	4,0	9,0	10,0	138	8,0	15,0	13,0	201	11,0	20,0	17,0	265	
222	24192	30240	36288	0,840	MBR-6474	2100	1200	4,0	9,0	10,0	138	8,0	15,0	13,0	201	11,0	20,0	17,0	265	
223	24883	31104	37325	0,864	MBR-6538	1440	2400	13,0	14,0	9,0	186	17,0	20,0	12,0	273	21,0	25,0	15,0	360	
224	24883	31104	37325	0,864	MBR-6546	1920	1800	13,0	14,0	9,0	184	17,0	20,0	12,0	271	21,0	25,0	15,0	358	
225	24883	31104	37325	0,864	MBR-6564	2880	1200	13,0	14,0	9,0	189	17,0	20,0	12,0	277	21,0	25,0	15,0	365	

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
201	5,0	10,0	13,0	186	5,0	12,0	15,0	222	6,0	12,0	21,0	257	6,0	13,0	23,0	294	7,0	17,0	28,0	365	8,0	20,0	33,0	435
202	12,0	25,0	20,0	286	15,0	25,0	27,0	341	17,0	29,0	31,0	396	20,0	32,0	33,0	452								
203	12,0	25,0	20,0	286	15,0	25,0	27,0	341	17,0	29,0	31,0	396	20,0	32,0	33,0	452								
204	26,0	30,0	19,0	378	31,0	31,0	26,0	451	35,0	35,0	26,0	525	39,0	36,0	26,0	598								
205	26,0	30,0	19,0	383	31,0	31,0	26,0	457	35,0	35,0	26,0	531	39,0	36,0	26,0	605								
206	14,0	18,0	16,0	194	16,0	20,0	19,0	232	19,0	21,0	25,0	269	21,0	24,0	29,0	306	26,0	29,0	35,0	381				
207	10,0	16,0	14,0	155	12,0	17,0	19,0	185	14,0	18,0	22,0	214	16,0	21,0	25,0	244	18,0	25,0	30,0	303	20,0	29,0	35,0	362
208	10,0	16,0	14,0	168	12,0	17,0	19,0	201	14,0	18,0	22,0	232	16,0	21,0	25,0	265	18,0	25,0	30,0	329	20,0	29,0	35,0	392
209	16,0	21,0	12,0	214	18,0	20,0	16,0	255	20,0	23,0	19,0	296	22,0	26,0	21,0	337	28,0	31,0	26,0	419	33,0	37,0	30,0	501
210	6,0	17,0	19,0	332	7,0	17,0	25,0	397	8,0	20,0	29,0	462	9,0	22,0	32,0	526								
211	5,0	10,0	13,0	180	5,0	12,0	15,0	215	6,0	12,0	21,0	250	6,0	13,0	23,0	284	7,0	17,0	28,0	353	8,0	20,0	33,0	423
212	12,0	25,0	20,0	295	15,0	25,0	27,0	352	17,0	29,0	31,0	410	20,0	32,0	33,0	466								
213	26,0	30,0	19,0	396	31,0	31,0	26,0	473	35,0	35,0	26,0	549	39,0	36,0	26,0	626								
214	22,0	23,0	14,0	284	25,0	23,0	18,0	339	30,0	26,0	21,0	394	34,0	29,0	24,0	449	41,0	36,0	27,0	559				
215	6,0	17,0	19,0	357	7,0	17,0	25,0	426	8,0	20,0	29,0	495	5,0	19,0	46,0	565								
216	14,0	18,0	16,0	230	16,0	20,0	19,0	273	19,0	21,0	25,0	318	21,0	24,0	29,0	362	26,0	29,0	35,0	450				
217	14,0	18,0	16,0	233	16,0	20,0	19,0	278	19,0	21,0	25,0	323	21,0	24,0	29,0	368	26,0	29,0	35,0	457				
218	22,0	23,0	14,0	298	25,0	23,0	18,0	355	30,0	26,0	21,0	413	34,0	29,0	24,0	470	41,0	36,0	27,0	585				
219	22,0	23,0	14,0	310	25,0	23,0	18,0	369	30,0	26,0	21,0	429	34,0	29,0	24,0	488	41,0	36,0	27,0	608				
220	5,0	10,0	13,0	197	5,0	12,0	15,0	235	6,0	12,0	21,0	274	6,0	13,0	23,0	312	7,0	17,0	28,0	388	8,0	20,0	33,0	464
221	12,0	25,0	20,0	329	15,0	25,0	27,0	392	17,0	29,0	31,0	456	20,0	32,0	33,0	520								
222	12,0	25,0	20,0	329	15,0	25,0	27,0	392	17,0	29,0	31,0	456	20,0	32,0	33,0	520								
223	26,0	30,0	19,0	447	31,0	31,0	26,0	534	35,0	35,0	26,0	620	39,0	36,0	26,0	708								
224	26,0	30,0	19,0	444	31,0	31,0	26,0	530	35,0	35,0	26,0	616	39,0	36,0	26,0	704								
225	26,0	30,0	19,0	453	31,0	31,0	26,0	541	35,0	35,0	26,0	629	39,0	36,0	26,0	717								

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
226	24883	31104	37325	0,864	MBR-6744	2160	1200					15,0	14,0	9,0	195	18,0	19,0	11,0	256
227	24883	31104	37325	0,864	MBR-6926	1200	1800									14,0	16,0	10,0	202
228	24883	31104	37325	0,864	MBR-6934	1800	1200									14,0	16,0	10,0	202
229	25920	32400	38880	0,900	MBR-6006	1500	1800	4,0	8,0	10,0	163	4,0	11,0	13,0	239	5,0	13,0	16,0	315
230	25920	32400	38880	0,900	MBR-6256	1000	1800									4,0	8,0	11,0	181
231	25920	32400	38880	0,900	MBR-6265	1200	1500									4,0	8,0	11,0	179
232	25920	32400	38880	0,900	MBR-6456	1500	1800	4,0	9,0	10,0	145	8,0	15,0	13,0	212	11,0	20,0	17,0	279
233	25920	32400	38880	0,900	MBR-6465	1800	1500	4,0	9,0	10,0	145	8,0	15,0	13,0	212	11,0	20,0	17,0	279
234	25920	32400	38880	0,900	MBR-6555	2400	1500	13,0	14,0	9,0	193	17,0	20,0	12,0	283	21,0	25,0	15,0	373
235	25920	32400	38880	0,900	MBR-6645	1400	1500					9,0	11,0	10,0	153	12,0	15,0	13,0	201
236	25920	32400	38880	0,900	MBR-6654	1750	1200					9,0	11,0	10,0	154	12,0	15,0	13,0	202
237	25920	32400	38880	0,900	MBR-6835	1200	1500									8,0	12,0	11,0	161
238	25920	32400	38880	0,900	MBR-6853	2000	900									8,0	12,0	11,0	166
239	27216	34020	40824	0,945	MBR-6637	1050	2100					9,0	11,0	10,0	162	12,0	15,0	13,0	213
240	27216	34020	40824	0,945	MBR-6673	2450	900					9,0	11,0	10,0	165	12,0	15,0	13,0	217
241	27648	34560	41472	0,960	MBR-6284	1600	1200									4,0	8,0	11,0	189
242	27648	34560	41472	0,960	MBR-6448	1200	2400	4,0	9,0	10,0	155	8,0	15,0	13,0	228	11,0	20,0	17,0	299
243	27648	34560	41472	0,960	MBR-6484	2400	1200	4,0	9,0	10,0	155	8,0	15,0	13,0	228	11,0	20,0	17,0	299
244	27648	34560	41472	0,960	MBR-6844	1600	1200									8,0	12,0	11,0	170
245	27994	34992	41990	0,972	MBR-6539	1440	2700	13,0	14,0	9,0	207	17,0	20,0	12,0	304	21,0	25,0	15,0	401
246	27994	34992	41990	0,972	MBR-6736	1620	1800					15,0	14,0	9,0	213	18,0	19,0	11,0	282
247	29030	36288	43546	1,008	MBR-6547	1920	2100	13,0	14,0	9,0	212	17,0	20,0	12,0	311	21,0	25,0	15,0	411
248	29030	36288	43546	1,008	MBR-6574	3360	1200	13,0	14,0	9,0	218	17,0	20,0	12,0	320	21,0	25,0	15,0	422
249	29030	36288	43546	1,008	MBR-6927	1200	2100									14,0	16,0	10,0	232
250	30240	37800	45360	1,050	MBR-6275	1400	1500									4,0	8,0	11,0	204

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
226	22,0	23,0	14,0	318	25,0	23,0	18,0	380	30,0	26,0	21,0	441	34,0	29,0	24,0	502	41,0	36,0	27,0	626				
227	16,0	21,0	12,0	251	18,0	20,0	16,0	299	20,0	23,0	19,0	347	22,0	26,0	21,0	396	28,0	31,0	26,0	492	33,0	37,0	30,0	588
228	16,0	21,0	12,0	251	18,0	20,0	16,0	299	20,0	23,0	19,0	347	22,0	26,0	21,0	396	28,0	31,0	26,0	492	33,0	37,0	30,0	588
229	6,0	17,0	19,0	391	7,0	17,0	25,0	467	8,0	20,0	29,0	544	9,0	22,0	32,0	620								
230	5,0	10,0	13,0	225	5,0	12,0	15,0	268	6,0	12,0	21,0	311	6,0	13,0	23,0	354	7,0	17,0	28,0	440	8,0	20,0	33,0	527
231	5,0	10,0	13,0	222	5,0	12,0	15,0	265	6,0	12,0	21,0	307	6,0	13,0	23,0	350	7,0	17,0	28,0	436	8,0	20,0	33,0	521
232	12,0	25,0	20,0	346	15,0	25,0	27,0	413	17,0	29,0	31,0	481	20,0	32,0	33,0	548								
233	12,0	25,0	20,0	346	15,0	25,0	27,0	413	17,0	29,0	31,0	481	20,0	32,0	33,0	548								
234	26,0	30,0	19,0	464	31,0	31,0	26,0	553	35,0	35,0	26,0	644	39,0	36,0	26,0	733								
235	14,0	18,0	16,0	248	16,0	20,0	19,0	296	19,0	21,0	25,0	344	21,0	24,0	29,0	392	26,0	29,0	35,0	488				
236	14,0	18,0	16,0	250	16,0	20,0	19,0	298	19,0	21,0	25,0	346	21,0	24,0	29,0	394	26,0	29,0	35,0	490				
237	10,0	16,0	14,0	200	12,0	17,0	19,0	238	14,0	18,0	22,0	276	16,0	21,0	25,0	314	18,0	25,0	30,0	391	20,0	29,0	35,0	467
238	10,0	16,0	14,0	205	12,0	17,0	19,0	244	14,0	18,0	22,0	283	16,0	21,0	25,0	322	18,0	25,0	30,0	400	20,0	29,0	35,0	478
239	14,0	18,0	16,0	264	16,0	20,0	19,0	314	19,0	21,0	25,0	365	21,0	24,0	29,0	415	26,0	29,0	35,0	517				
240	14,0	18,0	16,0	269	16,0	20,0	19,0	320	19,0	21,0	25,0	372	21,0	24,0	29,0	423	26,0	29,0	35,0	527				
241	5,0	10,0	13,0	235	5,0	12,0	15,0	280	6,0	12,0	21,0	325	6,0	13,0	23,0	371	7,0	17,0	28,0	461	8,0	20,0	33,0	551
242	12,0	25,0	20,0	371	15,0	25,0	27,0	444	17,0	29,0	31,0	515	20,0	32,0	33,0	588								
243	12,0	25,0	20,0	371	15,0	25,0	27,0	444	17,0	29,0	31,0	515	20,0	32,0	33,0	588								
244	10,0	16,0	14,0	211	12,0	17,0	19,0	251	14,0	18,0	22,0	292	16,0	21,0	25,0	332	18,0	25,0	30,0	413	20,0	29,0	35,0	494
245	26,0	30,0	19,0	499	31,0	31,0	26,0	596	35,0	35,0	26,0	693	39,0	36,0	26,0	790								
246	22,0	23,0	14,0	349	25,0	23,0	18,0	416	30,0	26,0	21,0	484	34,0	29,0	24,0	551	41,0	36,0	27,0	687				
247	26,0	30,0	19,0	510	31,0	31,0	26,0	609	35,0	35,0	26,0	709	39,0	36,0	26,0	808								
248	26,0	30,0	19,0	523	31,0	31,0	26,0	625	35,0	35,0	26,0	727	39,0	36,0	26,0	829								
249	16,0	21,0	12,0	287	18,0	20,0	16,0	343	20,0	23,0	19,0	398	22,0	26,0	21,0	454	28,0	31,0	26,0	564	33,0	37,0	30,0	675
250	5,0	10,0	13,0	253	5,0	12,0	15,0	302	6,0	12,0	21,0	351	6,0	13,0	23,0	399	7,0	17,0	28,0	496	8,0	20,0	33,0	594

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
251	30240	37800	45360	1,050	MBR-6457	1500	2100	4,0	9,0	10,0	166	8,0	15,0	13,0	244	11,0	20,0	17,0	320
252	30240	37800	45360	1,050	MBR-6475	2100	1500	4,0	9,0	10,0	166	8,0	15,0	13,0	244	11,0	20,0	17,0	320
253	31104	38880	46656	1,080	MBR-6266	1200	1800									4,0	8,0	11,0	210
254	31104	38880	46656	1,080	MBR-6466	1800	1800	4,0	9,0	10,0	170	8,0	15,0	13,0	248	11,0	20,0	17,0	327
255	31104	38880	46656	1,080	MBR-6494	2700	1200	4,0	9,0	10,0	173	8,0	15,0	13,0	253	11,0	20,0	17,0	334
256	31104	38880	46656	1,080	MBR-6556	2400	1800	13,0	14,0	9,0	225	17,0	20,0	12,0	331	21,0	25,0	15,0	438
257	31104	38880	46656	1,080	MBR-6565	2880	1500	13,0	14,0	9,0	228	17,0	20,0	12,0	334	21,0	25,0	15,0	441
258	31104	38880	46656	1,080	MBR-6646	1400	1800					9,0	11,0	10,0	179	12,0	15,0	13,0	235
259	31104	38880	46656	1,080	MBR-6664	2100	1200					9,0	11,0	10,0	181	12,0	15,0	13,0	278
260	31104	38880	46656	1,080	MBR-6745	2160	1500					15,0	14,0	9,0	235	18,0	19,0	11,0	310
261	31104	38880	46656	1,080	MBR-6754	2700	1200					15,0	14,0	9,0	239	18,0	19,0	11,0	315
262	31104	38880	46656	1,080	MBR-6836	1200	1800									8,0	12,0	11,0	189
263	31104	38880	46656	1,080	MBR-6863	2400	900									8,0	12,0	11,0	195
264	31104	38880	46656	1,080	MBR-6935	1800	1500									14,0	16,0	10,0	244
265	32400	40500	48600	1,125	MBR-6655	1750	1500					9,0	11,0	10,0	185	12,0	15,0	13,0	243
266	32659	40824	48989	1,134	MBR-6737	1620	2100					15,0	14,0	9,0	245	18,0	19,0	11,0	322
267	33178	41472	49766	1,152	MBR-6548	1920	2400	13,0	14,0	9,0	238	17,0	20,0	12,0	351	21,0	25,0	15,0	463
268	33178	41472	49766	1,152	MBR-6928	1200	2400									14,0	16,0	10,0	261
269	33178	41472	49766	1,152	MBR-6944	2400	1200									14,0	16,0	10,0	261
270	34560	43200	51840	1,200	MBR-6285	1600	1500									4,0	8,0	11,0	229
271	34560	43200	51840	1,200	MBR-6458	1500	2400	4,0	9,0	10,0	187	8,0	15,0	13,0	274	11,0	20,0	17,0	362
272	34560	43200	51840	1,200	MBR-6485	2400	1500	4,0	9,0	10,0	187	8,0	15,0	13,0	274	11,0	20,0	17,0	362
273	34560	43200	51840	1,200	MBR-6845	1600	1500									8,0	12,0	11,0	205
274	34560	43200	51840	1,200	MBR-6854	2000	1200									8,0	12,0	11,0	207
275	36288	45360	54432	1,260	MBR-6276	1400	1800									4,0	8,0	11,0	239

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000					
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg		
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz			
251	12,0	25,0	20,0	398	15,0	25,0	27,0	475	17,0	29,0	31,0	553	20,0	32,0	33,0	630										
252	12,0	25,0	20,0	398	15,0	25,0	27,0	475	17,0	29,0	31,0	553	20,0	32,0	33,0	630										
253	5,0	10,0	13,0	257	5,0	12,0	15,0	311	6,0	12,0	21,0	361	6,0	13,0	23,0	411	7,0	17,0	28,0	511	8,0	20,0	33,0	612		
254	12,0	25,0	20,0	407	15,0	25,0	27,0	486	17,0	29,0	31,0	565	20,0	32,0	33,0	643										
255	12,0	25,0	20,0	414	15,0	25,0	27,0	495	17,0	29,0	31,0	575	20,0	32,0	33,0	655										
256	26,0	30,0	19,0	544	31,0	31,0	26,0	650	35,0	35,0	26,0	756	39,0	36,0	26,0	862										
257	26,0	30,0	19,0	548	31,0	31,0	26,0	655	35,0	35,0	26,0	762	39,0	36,0	26,0	869										
258	14,0	18,0	16,0	291	16,0	20,0	19,0	347	19,0	21,0	25,0	403	21,0	24,0	29,0	460	26,0	29,0	35,0	572						
259	14,0	18,0	16,0	294	16,0	20,0	19,0	350	19,0	21,0	25,0	407	21,0	24,0	29,0	464	26,0	29,0	35,0	577						
260	22,0	23,0	14,0	384	25,0	23,0	18,0	458	30,0	26,0	21,0	533	34,0	29,0	24,0	607	41,0	36,0	27,0	756						
261	22,0	23,0	14,0	390	25,0	23,0	18,0	466	30,0	26,0	21,0	541	34,0	29,0	24,0	617	41,0	36,0	27,0	768						
262	10,0	16,0	14,0	233	12,0	17,0	19,0	278	14,0	18,0	22,0	323	16,0	21,0	25,0	368	18,0	25,0	30,0	457	20,0	29,0	35,0	547		
263	10,0	16,0	14,0	241	12,0	17,0	19,0	287	14,0	18,0	22,0	333	16,0	21,0	25,0	379	18,0	25,0	30,0	472	20,0	29,0	35,0	564		
264	16,0	21,0	12,0	302	18,0	20,0	16,0	360	20,0	23,0	19,0	419	22,0	26,0	21,0	477	28,0	31,0	26,0	594	33,0	37,0	30,0	710		
265	14,0	18,0	16,0	302	16,0	20,0	19,0	359	19,0	21,0	25,0	418	21,0	24,0	29,0	476	26,0	29,0	35,0	592						
266	22,0	23,0	14,0	401	25,0	23,0	18,0	478	30,0	26,0	21,0	555	34,0	29,0	24,0	633	41,0	36,0	27,0	788						
267	26,0	30,0	19,0	576	31,0	31,0	26,0	689	35,0	35,0	26,0	800	39,0	36,0	26,0	913										
268	16,0	21,0	12,0	324	18,0	20,0	16,0	387	20,0	23,0	19,0	450	22,0	26,0	21,0	511	28,0	31,0	26,0	637	33,0	37,0	30,0	762		
269	16,0	21,0	12,0	324	18,0	20,0	16,0	387	20,0	23,0	19,0	450	22,0	26,0	21,0	511	28,0	31,0	26,0	637	33,0	37,0	30,0	762		
270	5,0	10,0	13,0	284	5,0	12,0	15,0	338	6,0	12,0	21,0	393	6,0	13,0	23,0	448	7,0	17,0	28,0	557	8,0	20,0	33,0	667		
271	12,0	25,0	20,0	449	15,0	25,0	27,0	537	17,0	29,0	31,0	624	20,0	32,0	33,0	711										
272	12,0	25,0	20,0	449	15,0	25,0	27,0	537	17,0	29,0	31,0	624	20,0	32,0	33,0	711										
273	10,0	16,0	14,0	254	12,0	17,0	19,0	302	14,0	18,0	22,0	351	16,0	21,0	25,0	400	18,0	25,0	30,0	497	20,0	29,0	35,0	595		
274	10,0	16,0	14,0	256	12,0	17,0	19,0	305	14,0	18,0	22,0	354	16,0	21,0	25,0	404	18,0	25,0	30,0	502	20,0	29,0	35,0	600		
275	5,0	10,0	13,0	296	5,0	12,0	15,0	354	6,0	12,0	21,0	411	6,0	13,0	23,0	468	7,0	17,0	28,0	582	8,0	20,0	33,0	697		

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
276	36288	45360	54432	1,260	MBR-6467	1800	2100	4,0	9,0	10,0	194	8,0	15,0	13,0	285	11,0	20,0	17,0	375
277	36288	45360	54432	1,260	MBR-6476	2100	1800	4,0	9,0	10,0	194	8,0	15,0	13,0	285	11,0	20,0	17,0	375
278	36288	45360	54432	1,260	MBR-6557	2400	2100	13,0	14,0	9,0	258	17,0	20,0	12,0	381	21,0	25,0	15,0	502
279	36288	45360	54432	1,260	MBR-6575	3360	1500	13,0	14,0	9,0	262	17,0	20,0	12,0	387	21,0	25,0	15,0	510
280	36288	45360	54432	1,260	MBR-6647	1400	2100					9,0	11,0	10,0	205	12,0	15,0	13,0	270
281	36288	45360	54432	1,260	MBR-6674	2450	1200					9,0	11,0	10,0	207	12,0	15,0	13,0	273
282	36288	45360	54432	1,260	MBR-6837	1200	2100									8,0	12,0	11,0	216
283	36288	45360	54432	1,260	MBR-6873	2800	900									8,0	12,0	11,0	224
284	37325	46656	55987	1,296	MBR-6549	1920	2700	13,0	14,0	9,0	266	17,0	20,0	12,0	390	21,0	25,0	15,0	516
285	37325	46656	55987	1,296	MBR-6566	2880	1800	13,0	14,0	9,0	267	17,0	20,0	12,0	391	21,0	25,0	15,0	517
286	37325	46656	55987	1,296	MBR-6738	1620	2400					15,0	14,0	9,0	276	18,0	19,0	11,0	364
287	37325	46656	55987	1,296	MBR-6746	2160	1800					15,0	14,0	9,0	275	18,0	19,0	11,0	363
288	37325	46656	55987	1,296	MBR-6929	1200	2700									14,0	16,0	10,0	292
289	37325	46656	55987	1,296	MBR-6936	1800	1800									14,0	16,0	10,0	285
290	38880	48600	58320	1,350	MBR-6459	1500	2700	4,0	9,0	10,0	208	8,0	15,0	13,0	306	11,0	20,0	17,0	403
291	38880	48600	58320	1,350	MBR-6495	2700	1500	4,0	9,0	10,0	208	8,0	15,0	13,0	306	11,0	20,0	17,0	403
292	38880	48600	58320	1,350	MBR-6656	1750	1800					9,0	11,0	10,0	216	12,0	15,0	13,0	284
293	38880	48600	58320	1,350	MBR-6665	2100	1500					9,0	11,0	10,0	217	12,0	15,0	13,0	327
294	38880	48600	58320	1,350	MBR-6755	2700	1500					15,0	14,0	9,0	288	18,0	19,0	11,0	379
295	41472	51840	62208	1,440	MBR-6286	1600	1800									4,0	8,0	11,0	268
296	41472	51840	62208	1,440	MBR-6486	2400	1800	4,0	9,0	10,0	219	8,0	15,0	13,0	321	11,0	20,0	17,0	425
297	41472	51840	62208	1,440	MBR-6558	2400	2400	13,0	14,0	9,0	291	17,0	20,0	12,0	429	21,0	25,0	15,0	567
298	41472	51840	62208	1,440	MBR-6648	1400	2400					9,0	11,0	10,0	231	12,0	15,0	13,0	303
299	41472	51840	62208	1,440	MBR-6846	1600	1800									8,0	12,0	11,0	239
300	41472	51840	62208	1,440	MBR-6864	2400	1200									8,0	12,0	11,0	243

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000				
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz
276	12,0	25,0	20,0	467	15,0	25,0	27,0	558	17,0	29,0	31,0	648	20,0	32,0	33,0	740									
277	12,0	25,0	20,0	467	15,0	25,0	27,0	558	17,0	29,0	31,0	648	20,0	32,0	33,0	740									
278	26,0	30,0	19,0	625	31,0	31,0	26,0	746	35,0	35,0	26,0	869	39,0	36,0	26,0	990									
279	26,0	30,0	19,0	634	31,0	31,0	26,0	757	35,0	35,0	26,0	881	39,0	36,0	26,0	1004									
280	14,0	18,0	16,0	334	16,0	20,0	19,0	398	19,0	21,0	25,0	463	21,0	24,0	29,0	527	26,0	29,0	35,0	656					
281	14,0	18,0	16,0	338	16,0	20,0	19,0	402	19,0	21,0	25,0	468	21,0	24,0	29,0	533	26,0	29,0	35,0	664					
282	10,0	16,0	14,0	268	12,0	17,0	19,0	319	14,0	18,0	22,0	370	16,0	21,0	25,0	421	18,0	25,0	30,0	524	20,0	29,0	35,0	627	
283	10,0	16,0	14,0	278	12,0	17,0	19,0	331	14,0	18,0	22,0	384	16,0	21,0	25,0	436	18,0	25,0	30,0	543	20,0	29,0	35,0	650	
284	26,0	30,0	19,0	642	31,0	31,0	26,0	767	35,0	35,0	26,0	893	39,0	36,0	26,0	1018									
285	26,0	30,0	19,0	643	31,0	31,0	26,0	769	35,0	35,0	26,0	895	39,0	36,0	26,0	1020									
286	22,0	23,0	14,0	451	25,0	23,0	18,0	539	30,0	26,0	21,0	627	34,0	29,0	24,0	715	41,0	36,0	27,0	890					
287	22,0	23,0	14,0	450	25,0	23,0	18,0	537	30,0	26,0	21,0	625	34,0	29,0	24,0	713	41,0	36,0	27,0	887					
288	16,0	21,0	12,0	361	18,0	20,0	16,0	430	20,0	23,0	19,0	500	22,0	26,0	21,0	570	28,0	31,0	26,0	709	33,0	37,0	30,0	849	
289	16,0	21,0	12,0	353	18,0	20,0	16,0	421	20,0	23,0	19,0	490	22,0	26,0	21,0	558	28,0	31,0	26,0	695	33,0	37,0	30,0	832	
290	12,0	25,0	20,0	501	15,0	25,0	27,0	598	17,0	29,0	31,0	696	20,0	32,0	33,0	793									
291	12,0	25,0	20,0	501	15,0	25,0	27,0	598	17,0	29,0	31,0	696	20,0	32,0	33,0	793									
292	14,0	18,0	16,0	353	16,0	20,0	19,0	421	19,0	21,0	25,0	489	21,0	24,0	29,0	557	26,0	29,0	35,0	694					
293	14,0	18,0	16,0	354	16,0	20,0	19,0	422	19,0	21,0	25,0	491	21,0	24,0	29,0	559	26,0	29,0	35,0	696					
294	22,0	23,0	14,0	471	25,0	23,0	18,0	562	30,0	26,0	21,0	654	34,0	29,0	24,0	745	41,0	36,0	27,0	928					
295	5,0	10,0	13,0	332	5,0	12,0	15,0	396	6,0	12,0	21,0	461	6,0	13,0	23,0	525	7,0	17,0	28,0	654	8,0	20,0	33,0	782	
296	12,0	25,0	20,0	527	15,0	25,0	27,0	629	17,0	29,0	31,0	733	20,0	32,0	33,0	835									
297	26,0	30,0	19,0	705	31,0	31,0	26,0	842	35,0	35,0	26,0	980	39,0	36,0	26,0	1118									
298	14,0	18,0	16,0	376	16,0	20,0	19,0	450	19,0	21,0	25,0	522	21,0	24,0	29,0	595	26,0	29,0	35,0	741					
299	10,0	16,0	14,0	296	12,0	17,0	19,0	353	14,0	18,0	22,0	410	16,0	21,0	25,0	468	18,0	25,0	30,0	582	20,0	29,0	35,0	695	
300	10,0	16,0	14,0	301	12,0	17,0	19,0	359	14,0	18,0	22,0	417	16,0	21,0	25,0	475	18,0	25,0	30,0	591	20,0	29,0	35,0	707	

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
301	41472	51840	62208	1,440	MBR-6945	2400	1500									14,0	16,0	10,0	285
302	41472	51840	62208	1,440	MBR-6954	3000	1200									14,0	16,0	10,0	321
303	41990	52488	62986	1,458	MBR-6739	1620	2700					15,0	14,0	9,0	307	18,0	19,0	11,0	405
304	42336	52920	63504	1,470	MBR-6477	2100	2100	4,0	9,0	10,0	222	8,0	15,0	13,0	327	11,0	20,0	17,0	431
305	43200	54000	64800	1,500	MBR-6405	3000	1500	4,0	9,0	10,0	229	8,0	15,0	13,0	337	11,0	20,0	17,0	444
306	43200	54000	64800	1,500	MBR-6855	2000	1500									8,0	12,0	11,0	248
307	43546	54432	65318	1,512	MBR-6567	2880	2100	13,0	14,0	9,0	305	17,0	20,0	12,0	450	21,0	25,0	15,0	593
308	43546	54432	65318	1,512	MBR-6747	2160	2100					15,0	14,0	9,0	215	18,0	19,0	11,0	416
309	43546	54432	65318	1,512	MBR-6937	1800	2100									14,0	16,0	10,0	326
310	45360	56700	68040	1,575	MBR-6657	1750	2100					9,0	11,0	10,0	248	12,0	15,0	13,0	326
311	45360	56700	68040	1,575	MBR-6675	2450	1500					9,0	11,0	10,0	249	12,0	15,0	13,0	328
312	46656	58320	69984	1,620	MBR-6469	1800	2700	4,0	9,0	10,0	243	8,0	15,0	13,0	358	11,0	20,0	17,0	473
313	46656	58320	69984	1,620	MBR-6496	2700	1800	4,0	9,0	10,0	243	8,0	15,0	13,0	358	11,0	20,0	17,0	473
314	46656	58320	69984	1,620	MBR-6559	2400	2700	13,0	14,0	9,0	324	17,0	20,0	12,0	478	21,0	25,0	15,0	631
315	46656	58320	69984	1,620	MBR-6649	1400	2700					9,0	11,0	10,0	256	12,0	15,0	13,0	338
316	46656	58320	69984	1,620	MBR-6666	2100	1800					9,0	11,0	10,0	253	12,0	15,0	13,0	375
317	46656	58320	69984	1,620	MBR-6756	2700	1800					15,0	14,0	9,0	336	18,0	19,0	11,0	444
318	48384	60480	72576	1,680	MBR-6487	2400	2100	4,0	9,0	10,0	251	8,0	15,0	13,0	368	11,0	20,0	17,0	486
319	48384	60480	72576	1,680	MBR-6847	1600	2100									8,0	12,0	11,0	274
320	48384	60480	72576	1,680	MBR-6874	2800	1200									8,0	12,0	11,0	280
321	49766	62208	74650	1,728	MBR-6568	2880	2400	13,0	14,0	9,0	344	17,0	20,0	12,0	507	21,0	25,0	15,0	671
322	49766	62208	74650	1,728	MBR-6748	2160	2400					15,0	14,0	9,0	355	18,0	19,0	11,0	468
323	49766	62208	74650	1,728	MBR-6938	1800	2400									14,0	16,0	10,0	368
324	49766	62208	74650	1,728	MBR-6946	2400	1800									14,0	16,0	10,0	368
325	51840	64800	77760	1,800	MBR-6406	3000	1800	4,0	9,0	10,0	268	8,0	15,0	13,0	394	11,0	20,0	17,0	521

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
301	16,0	21,0	12,0	390	18,0	20,0	16,0	466	20,0	23,0	19,0	541	22,0	26,0	21,0	617	28,0	31,0	26,0	768	33,0	37,0	30,0	919
302	16,0	21,0	12,0	398	18,0	20,0	16,0	474	20,0	23,0	19,0	551	22,0	26,0	21,0	628	28,0	31,0	26,0	782	33,0	37,0	30,0	936
303	22,0	23,0	14,0	503	25,0	23,0	18,0	601	30,0	26,0	21,0	699	34,0	29,0	24,0	796	41,0	36,0	27,0	992				
304	12,0	25,0	20,0	536	15,0	25,0	27,0	640	17,0	29,0	31,0	745	20,0	32,0	33,0	850								
305	12,0	25,0	20,0	552	15,0	25,0	27,0	660	17,0	29,0	31,0	767	20,0	32,0	33,0	875								
306	10,0	16,0	14,0	308	12,0	17,0	19,0	367	14,0	18,0	22,0	427	16,0	21,0	25,0	485	18,0	25,0	30,0	604	20,0	29,0	35,0	722
307	26,0	30,0	19,0	738	31,0	31,0	26,0	883	35,0	35,0	26,0	1027	39,0	36,0	26,0	1172								
308	22,0	23,0	14,0	516	25,0	23,0	18,0	616	30,0	26,0	21,0	717	34,0	29,0	24,0	817	41,0	36,0	27,0	1018				
309	16,0	21,0	12,0	405	18,0	20,0	16,0	483	20,0	23,0	19,0	561	22,0	26,0	21,0	640	28,0	31,0	26,0	797	33,0	37,0	30,0	954
310	14,0	18,0	16,0	405	16,0	20,0	19,0	482	19,0	21,0	25,0	561	21,0	24,0	29,0	639	26,0	29,0	35,0	796				
311	14,0	18,0	16,0	407	16,0	20,0	19,0	485	19,0	21,0	25,0	565	21,0	24,0	29,0	643	26,0	29,0	35,0	801				
312	12,0	25,0	20,0	587	15,0	25,0	27,0	701	17,0	29,0	31,0	816	20,0	32,0	33,0	931								
313	12,0	25,0	20,0	587	15,0	25,0	27,0	701	17,0	29,0	31,0	816	20,0	32,0	33,0	931								
314	26,0	30,0	19,0	786	31,0	31,0	26,0	939	35,0	35,0	26,0	1093	39,0	36,0	26,0	1247								
315	14,0	18,0	16,0	419	16,0	20,0	19,0	501	19,0	21,0	25,0	582	21,0	24,0	29,0	662	26,0	29,0	35,0	825				
316	14,0	18,0	16,0	414	16,0	20,0	19,0	495	19,0	21,0	25,0	575	21,0	24,0	29,0	655	26,0	29,0	35,0	816				
317	22,0	23,0	14,0	551	25,0	23,0	18,0	658	30,0	26,0	21,0	766	34,0	29,0	24,0	873	41,0	36,0	27,0	1088				
318	12,0	25,0	20,0	605	15,0	25,0	27,0	723	17,0	29,0	31,0	841	20,0	32,0	33,0	958								
319	10,0	16,0	14,0	339	12,0	17,0	19,0	404	14,0	18,0	22,0	470	16,0	21,0	25,0	535	18,0	25,0	30,0	666	20,0	29,0	35,0	797
320	10,0	16,0	14,0	346	12,0	17,0	19,0	413	14,0	18,0	22,0	480	16,0	21,0	25,0	546	18,0	25,0	30,0	680	20,0	29,0	35,0	814
321	26,0	30,0	19,0	833	31,0	31,0	26,0	996	35,0	35,0	26,0	1160	39,0	36,0	26,0	1323								
322	22,0	23,0	14,0	582	25,0	23,0	18,0	696	30,0	26,0	21,0	809	34,0	29,0	24,0	922	41,0	36,0	27,0	1149				
323	16,0	21,0	12,0	456	18,0	20,0	16,0	544	20,0	23,0	19,0	633	22,0	26,0	21,0	722	28,0	31,0	26,0	899	33,0	37,0	30,0	1075
324	16,0	21,0	12,0	456	18,0	20,0	16,0	544	20,0	23,0	19,0	633	22,0	26,0	21,0	722	28,0	31,0	26,0	899	33,0	37,0	30,0	1075
325	12,0	25,0	20,0	647	15,0	25,0	27,0	774	17,0	29,0	31,0	900	20,0	32,0	33,0	1027								

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000			
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
326	51840	64800	77760	1,800	MBR-6658	1750	2400					9,0	11,0	10,0	279	12,0	15,0	13,0	367
327	51840	64800	77760	1,800	MBR-6685	2800	1500					9,0	11,0	10,0	281	12,0	15,0	13,0	370
328	51840	64800	77760	1,800	MBR-6856	2000	1800									8,0	12,0	11,0	290
329	51840	64800	77760	1,800	MBR-6865	2400	1500									8,0	12,0	11,0	292
330	51840	64800	77760	1,800	MBR-6955	3000	1500									14,0	16,0	10,0	385
331	54432	68040	81648	1,890	MBR-6479	2100	2700	4,0	9,0	10,0	279	8,0	15,0	13,0	411	11,0	20,0	17,0	542
332	54432	68040	81648	1,890	MBR-6497	2700	2100	4,0	9,0	10,0	279	8,0	15,0	13,0	411	11,0	20,0	17,0	542
333	54432	68040	81648	1,890	MBR-6667	2100	2100					9,0	11,0	10,0	290	12,0	15,0	13,0	423
334	54432	68040	81648	1,890	MBR-6676	2450	1800					9,0	11,0	10,0	291	12,0	15,0	13,0	383
335	54432	68040	81648	1,890	MBR-6757	2700	2100					15,0	14,0	9,0	386	18,0	19,0	11,0	508
336	55296	69120	82944	1,920	MBR-6488	2400	2400	4,0	9,0	10,0	282	8,0	15,0	13,0	416	11,0	20,0	17,0	549
337	55296	69120	82944	1,920	MBR-6848	1600	2400									8,0	12,0	11,0	307
338	55296	69120	82944	1,920	MBR-6884	3200	1200									8,0	12,0	11,0	316
339	55987	69984	83981	1,944	MBR-6569	2880	2700	13,0	14,0	9,0	382	17,0	20,0	12,0	565	21,0	25,0	15,0	747
340	55987	69984	83981	1,944	MBR-6749	2160	2700					15,0	14,0	9,0	394	18,0	19,0	11,0	521
341	55987	69984	83981	1,944	MBR-6939	1800	2700									14,0	16,0	10,0	408
342	58061	72576	87091	2,016	MBR-6947	2400	2100									14,0	16,0	10,0	421
343	58320	72900	87480	2,025	MBR-6659	1750	2700					9,0	11,0	10,0	310	12,0	15,0	13,0	408
344	60480	75600	90720	2,100	MBR-6857	2000	2100									8,0	12,0	11,0	331
345	60480	75600	90720	2,100	MBR-6875	2800	1500									8,0	12,0	11,0	335
346	62208	77760	93312	2,160	MBR-6498	2700	2400	4,0	9,0	10,0	314	8,0	15,0	13,0	463	11,0	20,0	17,0	611
347	62208	77760	93312	2,160	MBR-6668	2100	2400					9,0	11,0	10,0	326	12,0	15,0	13,0	472
348	62208	77760	93312	2,160	MBR-6686	2800	1800					9,0	11,0	10,0	328	12,0	15,0	13,0	433
349	62208	77760	93312	2,160	MBR-6758	2700	2400					15,0	14,0	9,0	434	18,0	19,0	11,0	573
350	62208	77760	93312	2,160	MBR-6849	1600	2700									8,0	12,0	11,0	342

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
326	14,0	18,0	16,0	455	16,0	20,0	19,0	544	19,0	21,0	25,0	632	21,0	24,0	29,0	721	26,0	29,0	35,0	898				
327	14,0	18,0	16,0	459	16,0	20,0	19,0	548	19,0	21,0	25,0	637	21,0	24,0	29,0	727	26,0	29,0	35,0	905				
328	10,0	16,0	14,0	359	12,0	17,0	19,0	428	14,0	18,0	22,0	498	16,0	21,0	25,0	567	18,0	25,0	30,0	706	20,0	29,0	35,0	844
329	10,0	16,0	14,0	361	12,0	17,0	19,0	431	14,0	18,0	22,0	501	16,0	21,0	25,0	571	18,0	25,0	30,0	710	20,0	29,0	35,0	850
330	16,0	21,0	12,0	479	18,0	20,0	16,0	571	20,0	23,0	19,0	664	22,0	26,0	21,0	756	28,0	31,0	26,0	942	33,0	37,0	30,0	1128
331	12,0	25,0	20,0	674	15,0	25,0	27,0	805	17,0	29,0	31,0	937	20,0	32,0	33,0	1068								
332	12,0	25,0	20,0	674	15,0	25,0	27,0	805	17,0	29,0	31,0	937	20,0	32,0	33,0	1068								
333	14,0	18,0	16,0	474	16,0	20,0	19,0	567	19,0	21,0	25,0	658	21,0	24,0	29,0	751	26,0	29,0	35,0	935				
334	14,0	18,0	16,0	476	16,0	20,0	19,0	568	19,0	21,0	25,0	660	21,0	24,0	29,0	753	26,0	29,0	35,0	938				
335	22,0	23,0	14,0	632	25,0	23,0	18,0	755	30,0	26,0	21,0	879	34,0	29,0	24,0	1001	41,0	36,0	27,0	1248				
336	12,0	25,0	20,0	682	15,0	25,0	27,0	816	17,0	29,0	31,0	949	20,0	32,0	33,0	1083								
337	10,0	16,0	14,0	381	12,0	17,0	19,0	456	14,0	18,0	22,0	529	16,0	21,0	25,0	603	18,0	25,0	30,0	750	20,0	29,0	35,0	898
338	10,0	16,0	14,0	392	12,0	17,0	19,0	467	14,0	18,0	22,0	542	16,0	21,0	25,0	618	18,0	25,0	30,0	769	20,0	29,0	35,0	920
339	26,0	30,0	19,0	929	31,0	31,0	26,0	1111	35,0	35,0	26,0	1293	39,0	36,0	26,0	1476								
340	22,0	23,0	14,0	648	25,0	23,0	18,0	774	30,0	26,0	21,0	901	34,0	29,0	24,0	1027	41,0	36,0	27,0	1280				
341	16,0	21,0	12,0	508	18,0	20,0	16,0	606	20,0	23,0	19,0	705	22,0	26,0	21,0	803	28,0	31,0	26,0	1000	33,0	37,0	30,0	1197
342	16,0	21,0	12,0	522	18,0	20,0	16,0	623	20,0	23,0	19,0	725	22,0	26,0	21,0	826	28,0	31,0	26,0	1030	33,0	37,0	30,0	1233
343	14,0	18,0	16,0	507	16,0	20,0	19,0	605	19,0	21,0	25,0	704	21,0	24,0	29,0	803	26,0	29,0	35,0	1000				
344	10,0	16,0	14,0	411	12,0	17,0	19,0	490	14,0	18,0	22,0	570	16,0	21,0	25,0	649	18,0	25,0	30,0	808	20,0	29,0	35,0	967
345	10,0	16,0	14,0	416	12,0	17,0	19,0	496	14,0	18,0	22,0	577	16,0	21,0	25,0	656	18,0	25,0	30,0	817	20,0	29,0	35,0	978
346	12,0	25,0	20,0	760	15,0	25,0	27,0	909	17,0	29,0	31,0	1058	20,0	32,0	33,0	1207								
347	14,0	18,0	16,0	534	16,0	20,0	19,0	638	19,0	21,0	25,0	743	21,0	24,0	29,0	846	26,0	29,0	35,0	1055				
348	14,0	18,0	16,0	537	16,0	20,0	19,0	641	19,0	21,0	25,0	746	21,0	24,0	29,0	850	26,0	29,0	35,0	1059				
349	22,0	23,0	14,0	712	25,0	23,0	18,0	851	30,0	26,0	21,0	991	34,0	29,0	24,0	1130	41,0	36,0	27,0	1408				
350	10,0	16,0	14,0	424	12,0	17,0	19,0	506	14,0	18,0	22,0	589	16,0	21,0	25,0	670	18,0	25,0	30,0	835	20,0	29,0	35,0	999

Tablica IX - PARAMETRY TŁUMIKÓW TKF-MBR

Lp	WYDAJNOŚĆ m ³ /h			F m ²	TYP TKF	WYMIARY mm		Długość L=500				Długość L=750				Długość L=1000				
	8 m/s	10 m/s	12 m/s			B	H	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	
								125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		
351	62208	77760	93312	2,160	MBR-6866	2400	1800										8,0	12,0	11,0	340
352	62208	77760	93312	2,160	MBR-6930	1800	3000										14,0	16,0	10,0	450
353	63504	79380	95256	2,205	MBR-6677	2450	2100					9,0	11,0	10,0	332	12,0	15,0	13,0	439	
354	66355	82944	99533	2,304	MBR-6948	2400	2400									14,0	16,0	10,0	473	
355	69120	86400	103680	2,400	MBR-6858	2000	2400									8,0	12,0	11,0	372	
356	69984	87480	104976	2,430	MBR-6669	2100	2700					9,0	11,0	10,0	363	12,0	15,0	13,0	520	
357	69984	87480	104976	2,430	MBR-6759	2700	2700					15,0	14,0	9,0	483	18,0	19,0	11,0	638	
358	72576	90720	108864	2,520	MBR-6687	2800	2100					9,0	11,0	10,0	375	12,0	15,0	13,0	495	
359	72576	90720	108864	2,520	MBR-6867	2400	2100									8,0	12,0	11,0	388	
360	72576	90720	108864	2,520	MBR-6876	2800	1800									8,0	12,0	11,0	390	
361	72576	90720	108864	2,520	MBR-6957	3000	2100									14,0	16,0	10,0	515	
362	74650	93312	111974	2,592	MBR-6949	2400	2700									14,0	16,0	10,0	526	
363	77760	97200	116640	2,700	MBR-6660	2100	3000					9,0	11,0	10,0	399	12,0	15,0	13,0	198	
364	77760	97200	116640	2,700	MBR-6859	2000	2700									8,0	12,0	11,0	414	
365	81648	102060	122472	2,835	MBR-6679	2450	2700					9,0	11,0	10,0	416	12,0	15,0	13,0	550	
366	82944	103680	124416	2,880	MBR-6688	2800	2400					9,0	11,0	10,0	422	12,0	15,0	13,0	557	
367	82944	103680	124416	2,880	MBR-6868	2400	2400									8,0	12,0	11,0	437	
368	82944	103680	124416	2,880	MBR-6958	3000	2400									14,0	16,0	10,0	579	
369	84672	105840	127008	2,940	MBR-6877	2800	2100									8,0	12,0	11,0	446	
370	93312	116640	139968	3,240	MBR-6689	2800	2700					9,0	11,0	10,0	469	12,0	15,0	13,0	619	
371	93312	116640	139968	3,240	MBR-6869	2400	2700									8,0	12,0	11,0	485	
372	93312	116640	139968	3,240	MBR-6959	3000	2700									14,0	16,0	10,0	644	
373	96768	120960	145152	3,360	MBR-6878	2800	2400									8,0	12,0	11,0	501	
374	108864	136080	163296	3,780	MBR-6879	2800	2700									8,0	12,0	11,0	557	

Lp	Długość L=1250				Długość L=1500				Długość L=1750				Długość L=2000				Długość L=2500				Długość L=3000			
	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg	TŁUMIENIE w dB			Waga kg
	125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz		125Hz	250Hz	500Hz	
351	10,0	16,0	14,0	422	12,0	17,0	19,0	503	14,0	18,0	22,0	585	16,0	21,0	25,0	666	18,0	25,0	30,0	830	20,0	29,0	35,0	994
352	16,0	21,0	12,0	559	18,0	20,0	16,0	667	20,0	23,0	19,0	776	22,0	26,0	21,0	885	28,0	31,0	26,0	1102	33,0	37,0	30,0	1319
353	14,0	18,0	16,0	545	16,0	20,0	19,0	650	19,0	21,0	25,0	757	21,0	24,0	29,0	863	26,0	29,0	35,0	1075				
354	16,0	21,0	12,0	588	18,0	20,0	16,0	703	20,0	23,0	19,0	817	22,0	26,0	21,0	932	28,0	31,0	26,0	1160	33,0	37,0	30,0	1389
355	10,0	16,0	14,0	462	12,0	17,0	19,0	551	14,0	18,0	22,0	641	16,0	21,0	25,0	730	18,0	25,0	30,0	910	20,0	29,0	35,0	1089
356	14,0	18,0	16,0	595	16,0	20,0	19,0	710	19,0	21,0	25,0	826	21,0	24,0	29,0	943	26,0	29,0	35,0	1174				
357	22,0	23,0	14,0	793	25,0	23,0	18,0	948	30,0	26,0	21,0	1103	34,0	29,0	24,0	1258	41,0	36,0	27,0	1568				
358	14,0	18,0	16,0	615	16,0	20,0	19,0	735	19,0	21,0	25,0	855	21,0	24,0	29,0	974	26,0	29,0	35,0	1214				
359	10,0	16,0	14,0	482	12,0	17,0	19,0	576	14,0	18,0	22,0	669	16,0	21,0	25,0	763	18,0	25,0	30,0	949	20,0	29,0	35,0	1136
360	10,0	16,0	14,0	484	12,0	17,0	19,0	579	14,0	18,0	22,0	672	16,0	21,0	25,0	766	18,0	25,0	30,0	954	20,0	29,0	35,0	1142
361	16,0	21,0	12,0	640	18,0	20,0	16,0	764	20,0	23,0	19,0	889	22,0	26,0	21,0	1013	28,0	31,0	26,0	1262	33,0	37,0	30,0	1511
362	16,0	21,0	12,0	654	18,0	20,0	16,0	782	20,0	23,0	19,0	909	22,0	26,0	21,0	1036	28,0	31,0	26,0	1291	33,0	37,0	30,0	1547
363	14,0	18,0	16,0	655	16,0	20,0	19,0	783	19,0	21,0	25,0	910	21,0	24,0	29,0	1038	26,0	29,0	35,0	1294				
364	10,0	16,0	14,0	514	12,0	17,0	19,0	613	14,0	18,0	22,0	713	16,0	21,0	25,0	812	18,0	25,0	30,0	1011	20,0	29,0	35,0	1211
365	14,0	18,0	16,0	683	16,0	20,0	19,0	815	19,0	21,0	25,0	949	21,0	24,0	29,0	1082	26,0	29,0	35,0	1349				
366	14,0	18,0	16,0	692	16,0	20,0	19,0	827	19,0	21,0	25,0	962	21,0	24,0	29,0	1098	26,0	29,0	35,0	1368				
367	10,0	16,0	14,0	542	12,0	17,0	19,0	647	14,0	18,0	22,0	753	16,0	21,0	25,0	858	18,0	25,0	30,0	1069	20,0	29,0	35,0	1280
368	16,0	21,0	12,0	720	18,0	20,0	16,0	860	20,0	23,0	19,0	1001	22,0	26,0	21,0	1141	28,0	31,0	26,0	1422	33,0	37,0	30,0	1703
369	10,0	16,0	14,0	554	12,0	17,0	19,0	661	14,0	18,0	22,0	769	16,0	21,0	25,0	876	18,0	25,0	30,0	1091	20,0	29,0	35,0	1306
370	14,0	18,0	16,0	770	16,0	20,0	19,0	921	19,0	21,0	25,0	1071	21,0	24,0	29,0	1222	26,0	29,0	35,0	1523				
371	10,0	16,0	14,0	602	12,0	17,0	19,0	719	14,0	18,0	22,0	836	16,0	21,0	25,0	954	18,0	25,0	30,0	1188	20,0	29,0	35,0	1422
372	16,0	21,0	12,0	801	18,0	20,0	16,0	957	20,0	23,0	19,0	1114	22,0	26,0	21,0	1270	28,0	31,0	26,0	1582	33,0	37,0	30,0	1895
373	10,0	16,0	14,0	622	12,0	17,0	19,0	744	14,0	18,0	22,0	865	16,0	21,0	25,0	985	18,0	25,0	30,0	1228	20,0	29,0	35,0	1471
374	10,0	16,0	14,0	692	12,0	17,0	19,0	826	14,0	18,0	22,0	960	16,0	21,0	25,0	1095	18,0	25,0	30,0	1365	20,0	29,0	35,0	1635

OFERUJEMY RÓWNIEŻ WYROBY WYSZCZEGÓLNIONE W KATALOGACH:

- CENTRALE KLIMATYZACYJNE
- PŁASKIE CENTRALE WENTYLACYJNE „MINI”
- KLAPY PRZECIWPOŻAROWE PROSTOKĄTNE I KOŁOWE
- URZĄDZENIA REGULUJĄCE ORAZ ZAKAŃCZAJĄCE UKŁADY WENTYLACYJNE
- REGULATORY ZMIENNEGO PRZEPŁYWU STRUMIENIA OBJĘTOŚCIOWEGO POWIETRZA
- KRATKI WENTYLACYJNE, ŁAPACZE TŁUSZCZU, NAWIEWNIKI STROPOWE
- KANAŁY I KSZTAŁTKI O PRZEKROJU PROSTOKĄTNYM
- KANAŁY I KSZTAŁTKI O PRZEKROJU KOŁOWYM

PONADTO OFERUJEMY:

- FILTRY
- ELEMENTY MONTAŻOWE W SYSTEMIE „METU”
- ZAWORY POWIETRZNE



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