

Eléments des Filtres de séparation

Tih					
Finh	17	Hz	kfi	0.6	
Qih1	0.529		Fih	10.2	Hz
Qih2	0.7		ωih	64.1	rd/s
Cih	1	μF	C10,11,12,13 R14,15,18,19 R17 R16 R21 R20		
Rih	15.6	kΩ			
Rqih1	1	kΩ			
Rqih2	8.1	kΩ			
Rqih3	4.75	kΩ			
Rqih4	3.56	kΩ			
TBM					
Fbm	50	Hz	ωbm	314.2	rd/s
Qbm	0.707				
Cbm	0.47	μF	C16,17 R31,32 R34 R33		
Rbm	6.77	kΩ			
Rqbm1	5.11	kΩ			
Rqbm2	3.62	kΩ			
TBh					
Dayton RSS390HF-4					
Fbh	15	Hz	ωbh	94.25	rd/s
Qbh	0.53				
Cbh	1	uF	C20,21 R39,40 R42 R41		
Rbm	10.61	kΩ			
RqBh1	1	kΩ			
Rqbh2	7.83	kΩ			
TMh					
B&C 12CXn76					
Fmh	12	Hz	ωmh	75.4	rd/s
Qmh	0.59				
Cmh	1	uF	C32,30		

Til					
Fil	40	kHz	ωil	251327	rd/s
Qil	0.577				
Cil	1	nF	C14,15 R22,23 R25 R24		
Ril	3.98	kΩ			
Rqil1	2.74	kΩ			
Rqil2	7.53	kΩ			

TMT					
Fmt	1	kHz	ωmt	6283.2	rd/s
Qmt	0.707				
Cmt	22	nF	C18,19 R35,36 R38 R37		
Rmt	7.23	kΩ			
Rqmt1	5.11	kΩ			
Rqmt2	3.62	kΩ			

Rmh	13.26	k Ω	R57,58
Rqmh1	2.74	kΩ	R60
Rqmh2	6.24	k Ω	R59

TTh			B&C 12CXn76		
Fth	630	Hz	ω th	3958	rd/s
Qth	0.7				
Cth	47	nF	C34,33 R62,63 R65 R64		
Rth	5.38	k Ω			
Rqth1	5.11	kΩ			
Rqth2	3.83	k Ω			

P	10	kΩ	R94,95,108,109,112,116,+, R96,97,98,99,100,105
Ro	10	kΩ	

EQ0_1					
F0h	5	Hz	ω 0h	31.4	rd/s
Coh	3.18	μ F	C47		
F0bp	800	Hz	ω 0bp	5027	rd/s
Q0bp	1				
k0bp	0.2				
C0bp	22	nF	C50,51 R110,111 R117		
R0bp	9.04	k Ω			
Roa	45.0	k Ω			

Eq1_1					
Feq1	0.6	KHz	ω eq1	3770	rd/s
Qeq1	1.2				
Cea	47	nF	C45 R90,91,92,93		
Rea	10	kΩ			
Ceb	15.0	nF	C44		
Reqa + PQ1	4.7	k Ω	R89=0+ dosage PQ1		

TTI			B&C 12CXn76		
Ftl	22	kHz	ω th	138230	rd/s
Qtl	0.7				
Ctl	1	nF	C36,37 R71,72 R74 R73		
Rtl	7.23	k Ω			
Rqtl1	5.11	kΩ			
Rqtl2	3.83	k Ω			

Eq0_2					
F0b	2.2	KHz	ω 0b	13823	rd/s
Q0b	1				
k0b	0.18				
Cob	10	nF	C48,49 R101,104		
R0b	7.23	k Ω			
Rok+PG3/2	55.6	k Ω			

Eq1_2					
Feq2	2	kHz	ω eq2	12566	rd/s
Qeq2	2				
Aeq2	2.2				
Reb	10	kΩ	R83,84,85, (82+PF2/2) C41 C42 R88=0 + dosage PQ2 R86=0 + dosage PG2		
Cec	10	nF			
Ced	6.3	nF			
Reqb+PQ2/2	3.98	k Ω			
Rea+PG2/2	4.77	k Ω			