

U5 3

Vorbereitung:

$$\Theta_1 = 15^\circ$$

$$\rightarrow \alpha_1 = 80,6^\circ$$

$$\Theta_2 = 30^\circ$$

$$\rightarrow \alpha_2 = 70,5^\circ$$

$$\Theta_3 = 60^\circ$$

$$\rightarrow \alpha_3 = 54,7^\circ$$

70% RPM
45% RPM

6020
3870

8600 rpm

15° rpm	f_{min} [Hz]	f_{max} [Hz]
2020	61	97
3060	73	146
4380	146	290
5180	190	470
8400	220	586

30° rpm	f_{min} [Hz]	f_{max} [Hz]
2020	61	-96
3060	-110	-200
4380	-208	-389
5180	-305	-600
8400	-305	-765

45° rpm	f_{min} [Hz]	f_{max} [Hz]
2020	73	124
3060	159	288
4380	330	603
5180	513	927
8400	500 1000	1160

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