

alpha_0 = 20,95 °
h_0 = 42,041 mm
b_0 = 17,470 mm
h_1 = 24,500 mm
b_1 = 24,014 mm
A_0 = 598,79 mm^2
A_1 = 470,94 mm^2
E_a = 21,35 %
f_s = 57,92 %
d_arb = 271,27 mm
v_0 = 4,072 m/s
v_1 = 5,177 m/s

University of Duisburg-Essen

Metal Forming

Roll Pass Design

MIF-Datei: bao_im2_32-5_opt.MIF

Datum: 16.04.2022 18:25:44

User: OVERHAGEN

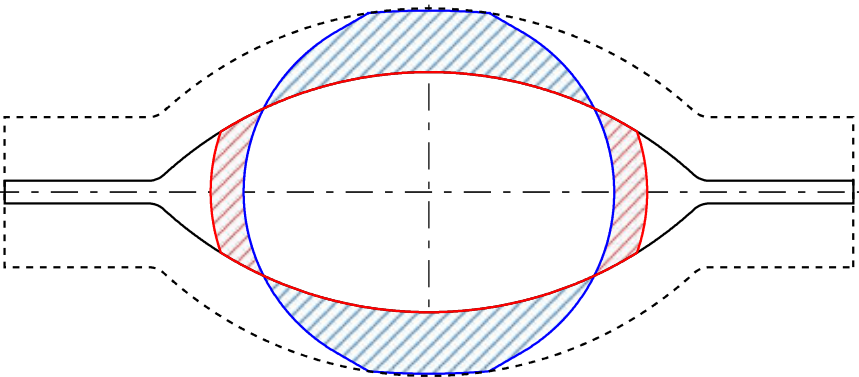
LIS-Datei: BAO_RD_24-5.LIS

Kennwort: BARMILL

Maßstab

2 : 1

Stich 2 von 6



alpha_0 = 16,93 °
h_0 = 24,014 mm
b_0 = 24,500 mm
h_1 = 15,880 mm
b_1 = 28,860 mm
A_0 = 470,94 mm^2
A_1 = 374,26 mm^2
E_a = 20,53 %
f_s = 69,78 %
d_arb = 195,19 mm
v_0 = 5,177 m/s
v_1 = 6,514 m/s

University of Duisburg-Essen

Metal Forming

Roll Pass Design

MIF-Datei: bao_im2_32-5_opt.MIF

Datum: 16.04.2022 18:25:44

User: OVERHAGEN

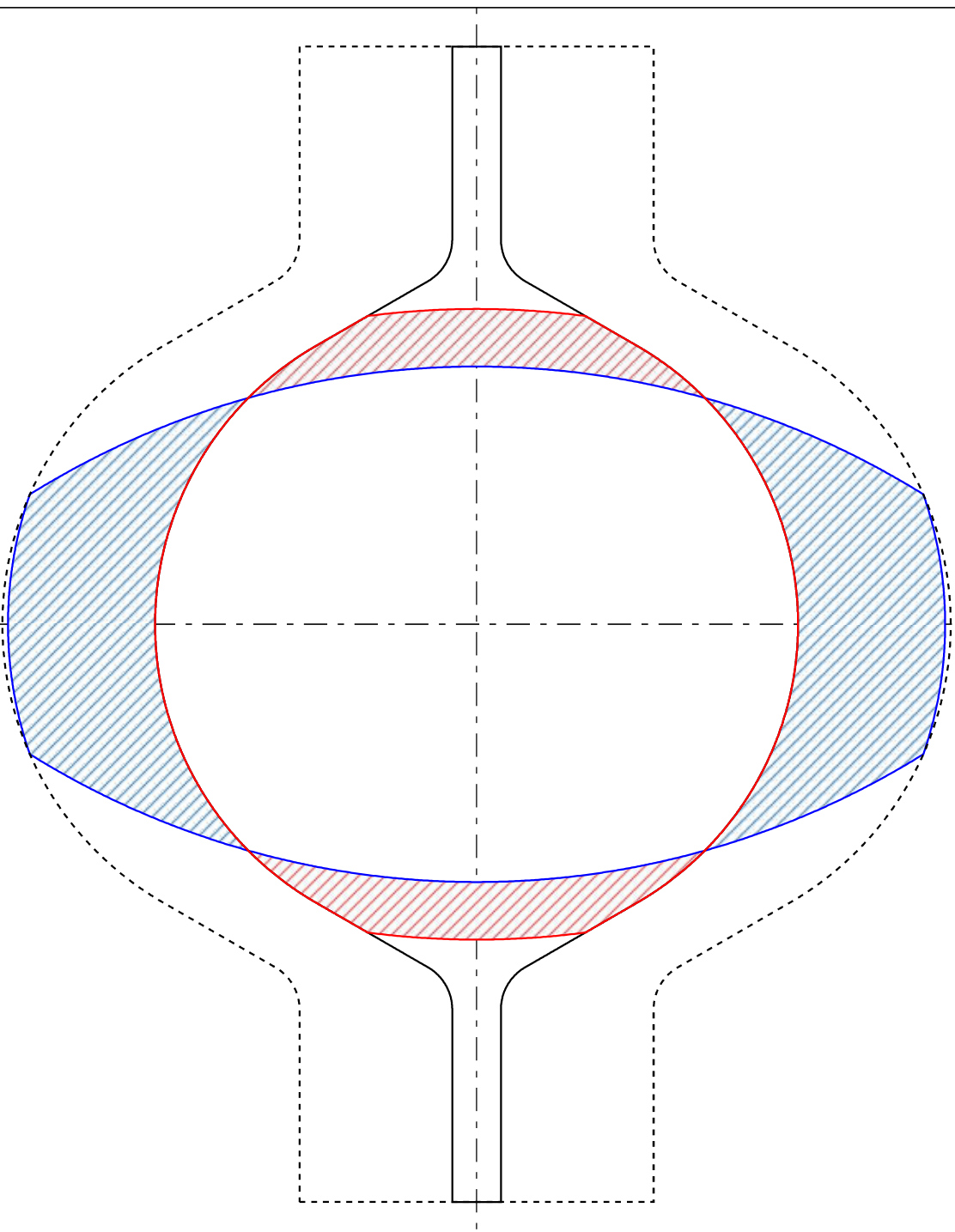
LIS-Datei: BAO_OV_15.LIS

Kennwort: BARMILL

Maßstab

2 : 1

Stich 3 von 6



alpha_0 = 18,04 °
h_0 = 28,860 mm
b_0 = 15,880 mm
h_1 = 19,800 mm
b_1 = 19,428 mm
A_0 = 374,26 mm^2
A_1 = 307,42 mm^2
E_a = 17,86 %
f_s = 63,73 %
d_arb = 191,49 mm
v_0 = 6,514 m/s
v_1 = 7,931 m/s

University of Duisburg-Essen

Metal Forming

Roll Pass Design

MIF-Datei: bao_im2_32-5_opt.MIF

Datum: 16.04.2022 18:25:44

User: OVERHAGEN

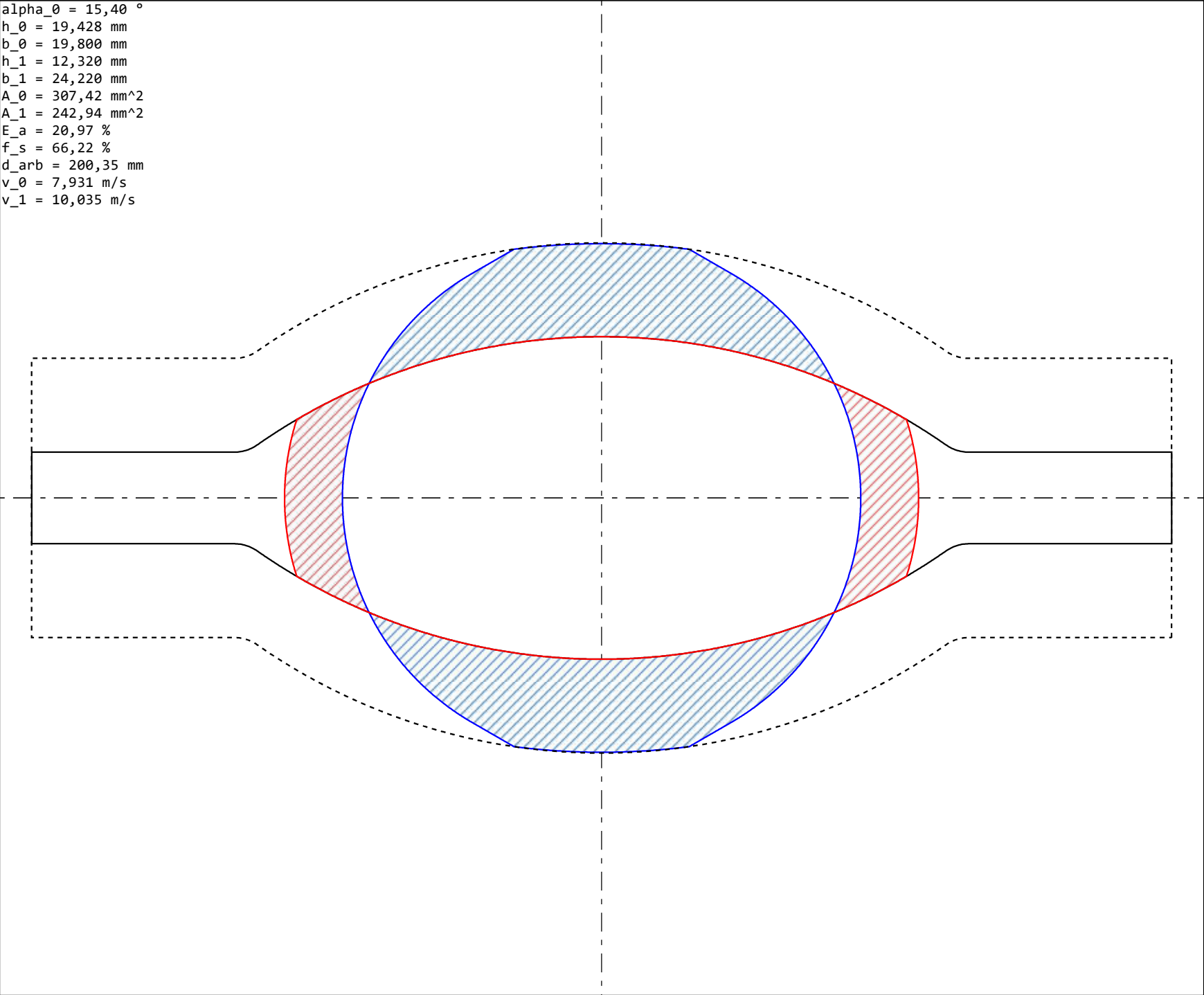
LIS-Datei: BAO_RD_19-8.LIS

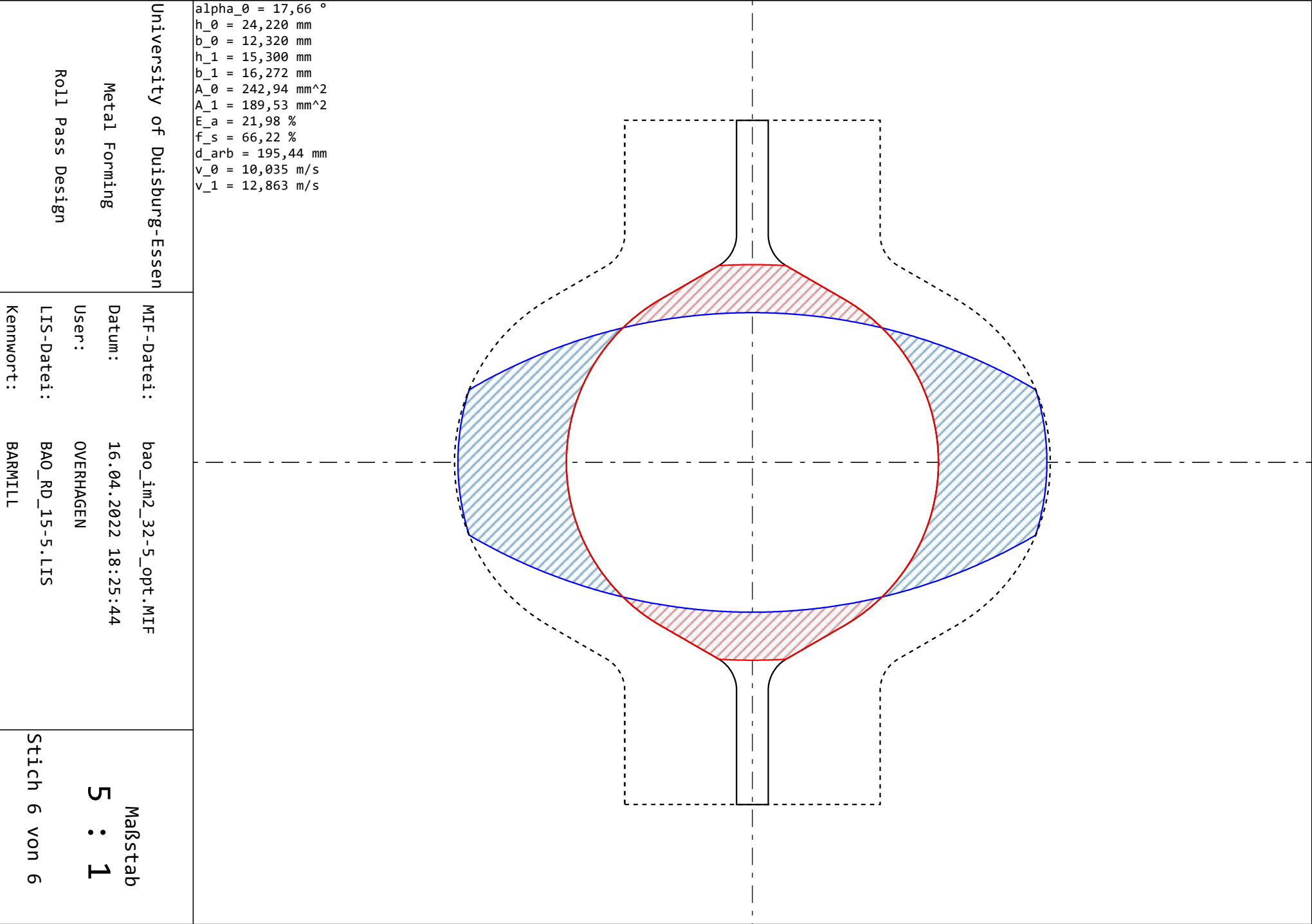
Kennwort: BARMILL

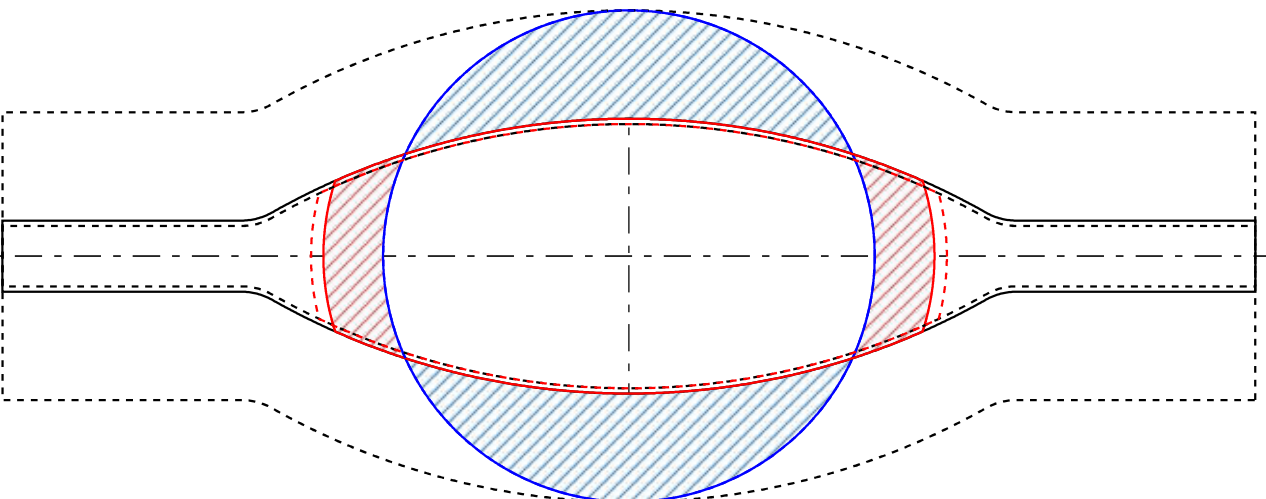
Maßstab

5 : 1

Stich 4 von 6







alpha_0 = 18,53 °
h_0 = 32,500 mm
b_0 = 32,500 mm
h_1 = 18,169 mm
b_1 = 40,406 mm
A_0 = 829,58 mm^2
A_1 = 611,77 mm^2
E_a = 26,26 %
f_s = 69,97 %
d_arb = 278,07 mm
v_0 = 2,939 m/s
v_1 = 3,985 m/s

University of Duisburg-Essen

Metal Forming

Roll Pass Design

MIF-Datei: bao_im2_32-5_opt.MIF

Datum: 16.04.2022 18:25:44

User: OVERHAGEN

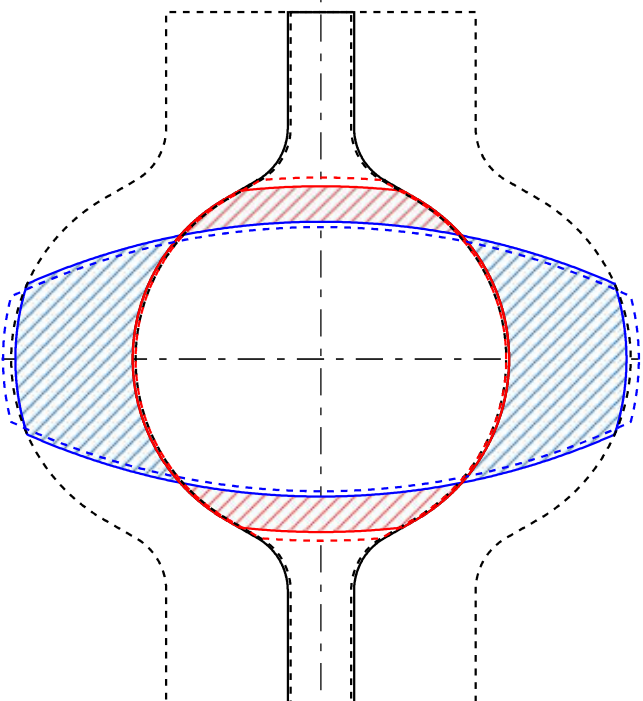
LIS-Datei: BAO_OV_17.LIS

Kennwort: BARMILL

Maßstab

2 : 1

Stich 1e von 6



alpha_0 = 19,81 °
h_0 = 40,406 mm
b_0 = 18,169 mm
h_1 = 24,884 mm
b_1 = 22,864 mm
A_0 = 611,77 mm^2
A_1 = 468,95 mm^2
E_a = 23,35 %
f_s = 66,60 %
d_arb = 271,46 mm
v_0 = 3,985 m/s
v_1 = 5,199 m/s

University of Duisburg-Essen

Metal Forming

Roll Pass Design

MIF-Datei: bao_im2_32-5_opt.MIF

Datum: 16.04.2022 18:25:44

User: OVERHAGEN

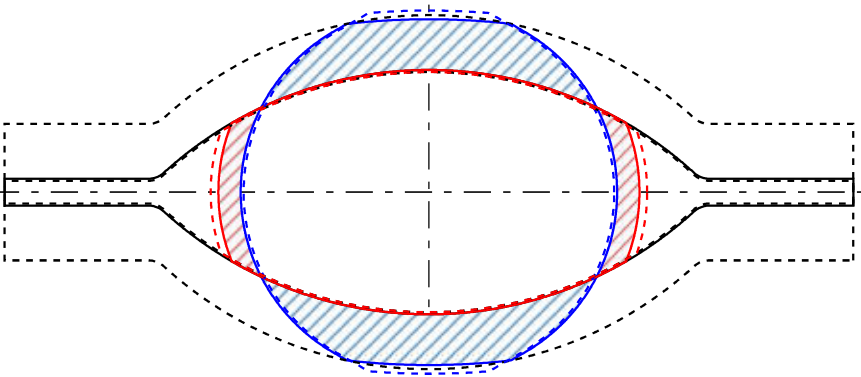
LIS-Datei: BAO_RD_24-5.LIS

Kennwort: BARMILL

Maßstab

2 : 1

Stich 2e von 6



alpha_0 = 15,68 °
h_0 = 22,864 mm
b_0 = 24,884 mm
h_1 = 16,153 mm
b_1 = 27,840 mm
A_0 = 468,95 mm^2
A_1 = 372,83 mm^2
E_a = 20,50 %
f_s = 76,12 %
d_arb = 195,24 mm
v_0 = 5,199 m/s
v_1 = 6,539 m/s

University of Duisburg-Essen

Metal Forming

Roll Pass Design

MIF-Datei: bao_im2_32-5_opt.MIF

Datum: 16.04.2022 18:25:44

User: OVERHAGEN

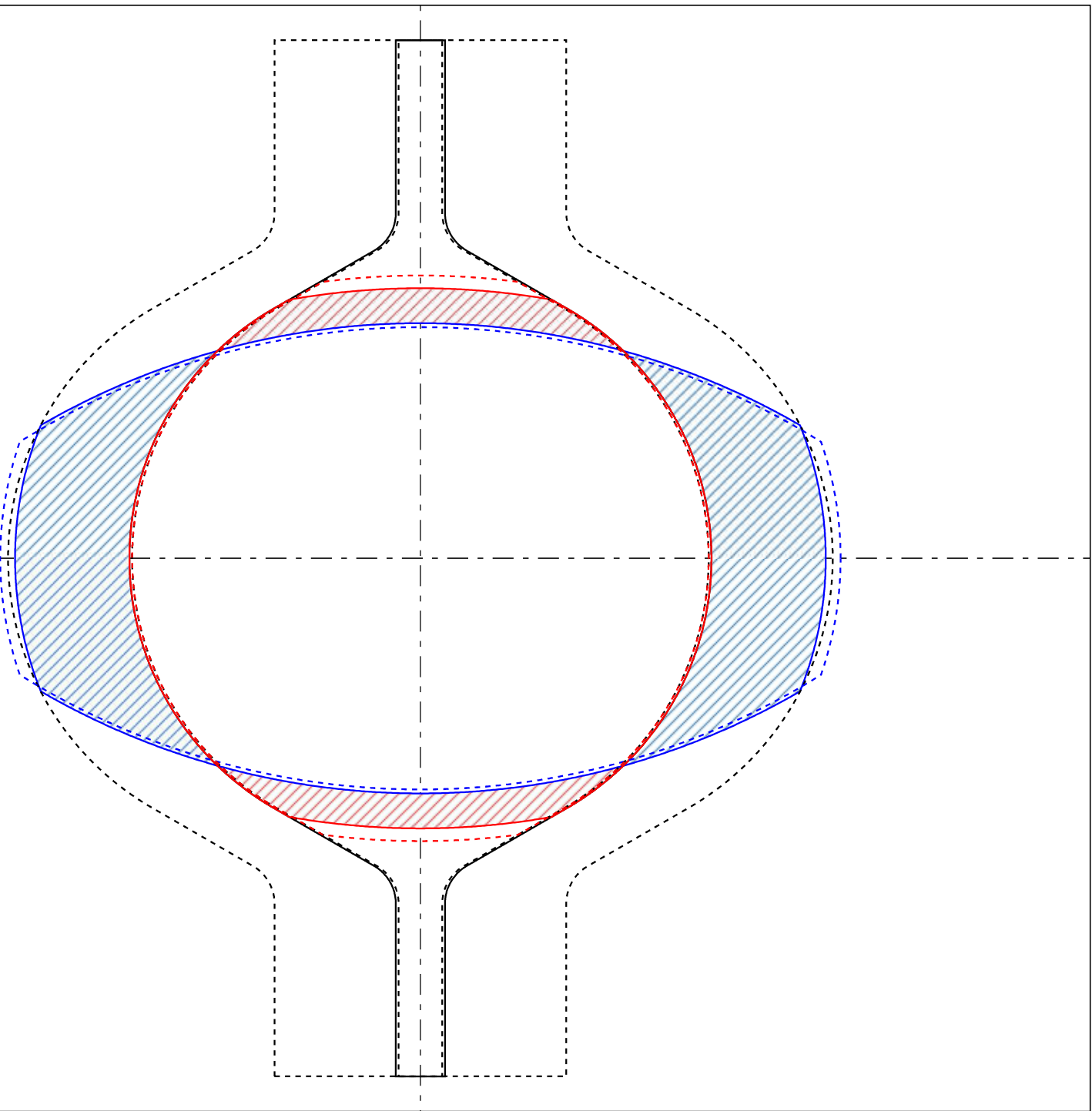
LIS-Datei: BAO_OV_15.LIS

Kennwort: BARMILL

Maßstab

2 : 1

Stich 3e von 6



$\alpha_0 = 16,94^\circ$
 $h_0 = 27,840 \text{ mm}$
 $b_0 = 16,153 \text{ mm}$
 $h_1 = 19,989 \text{ mm}$
 $b_1 = 18,555 \text{ mm}$
 $A_0 = 372,83 \text{ mm}^2$
 $A_1 = 304,06 \text{ mm}^2$
 $E_a = 18,44 \%$
 $f_s = 70,92 \%$
 $d_{arb} = 191,58 \text{ mm}$
 $v_0 = 6,539 \text{ m/s}$
 $v_1 = 8,018 \text{ m/s}$

University of Duisburg-Essen	MIF-Datei:	bao_im2_32-5_opt.MIF	Maßstab 5 : 1 Stich 4e von 6
	Datum:	16.04.2022 18:25:44	
	User:	OVERHAGEN	
	LIS-Datei:	BAO_RD_19-8.LIS	
Roll Pass Design	Kennwort:	BARMILL	

