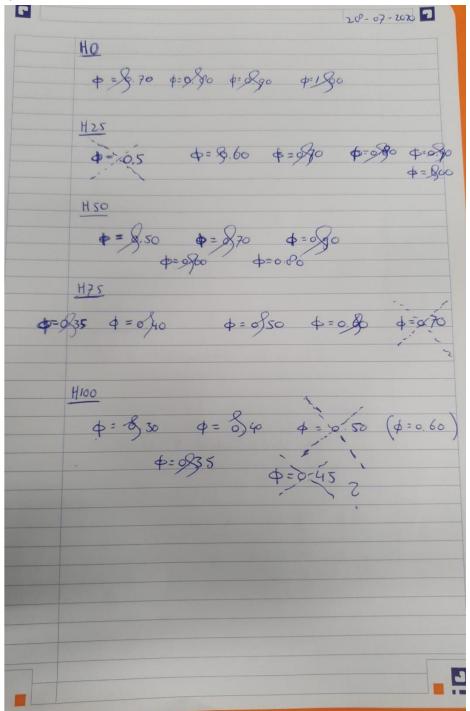
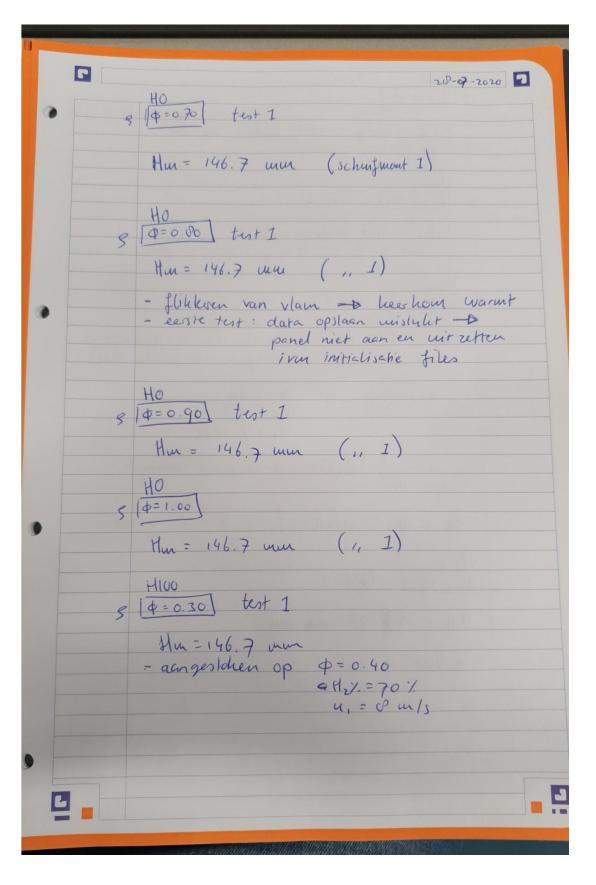
## Steel liner set 1: 2020 28 July - 31 July

### First complete flashback map scaled FlameSheet combustor with steel liner

#### **IMPORTANT NOTES:**

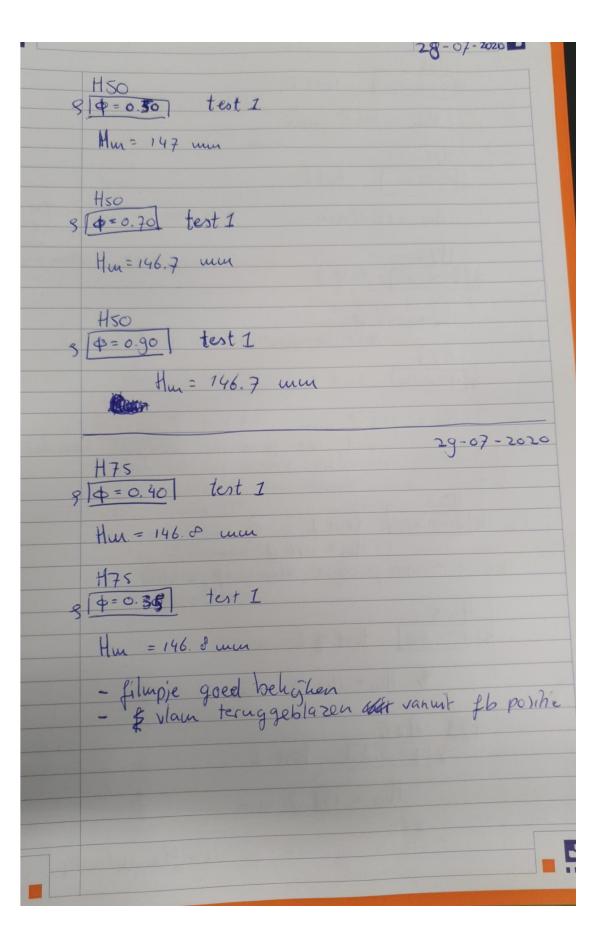
- Note that Hm is measured from the inner part of the gasket support ring
- H\_gap is assumed to be 0 mm throughout all experiments
- SCHUIFMAAT 1 was used to measure dimensions and distances

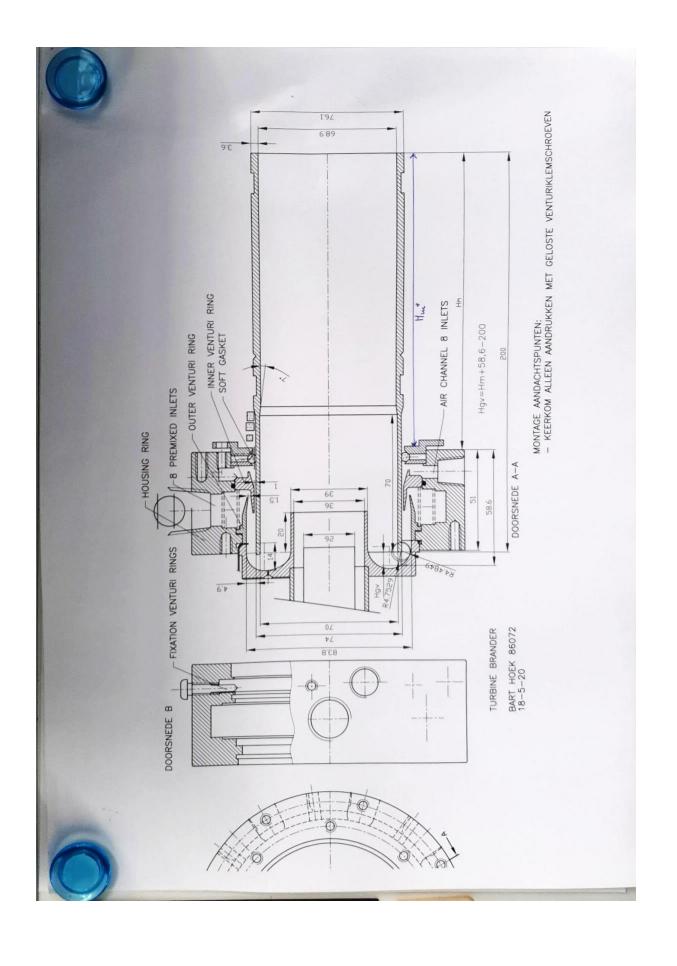




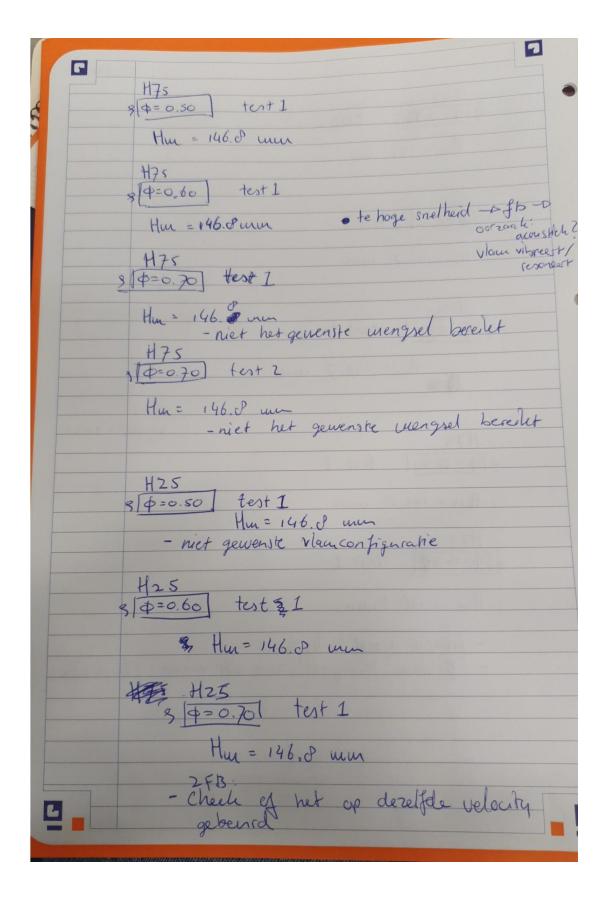
H100 test 2 - FB velocity = lastst gegges with r H100 \$ 10 = 0.40 test I Hun = niet gemeten - phi lang - D ke hoog (generste phi) \$ \( \phi = 0.50 \) test 1 Hun = 146.7 min (geweter nor 2 bovenstounde metingen -> zelfde thur) 6 aangestohen op \$=0.40 H27. = Por. u, = 7 m/s · mengsel beseilt & startend vanuit lage phi Has a Niet geluht! - te lage sneheid H100 \$ 10=0.50 1 test 2 Hu = 147 Att mu · Niet gelulet

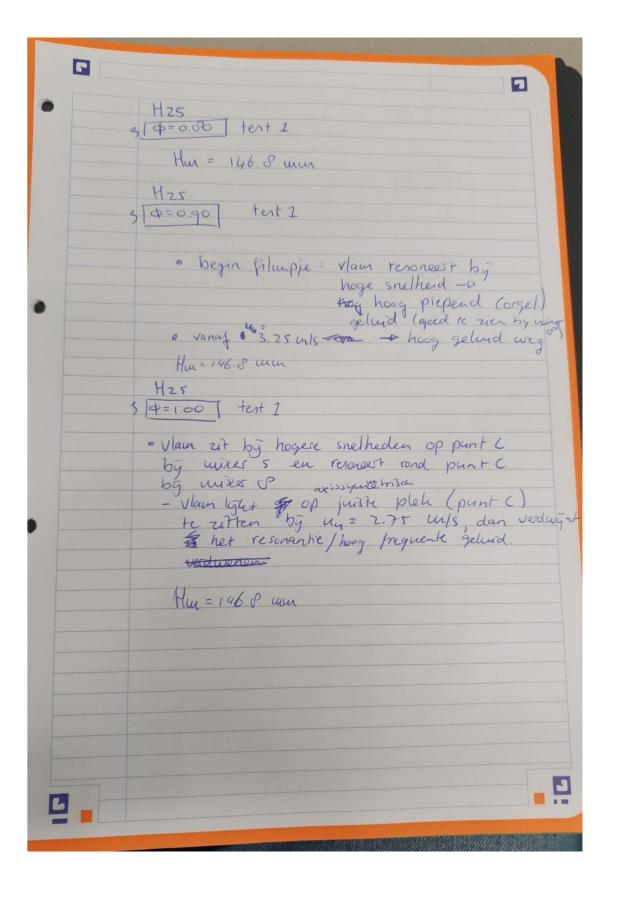
Notes oflow is a symmetrisch - premises! · vlam in punt C: - hoe verifièren we dat de 100%. Hz Vlam in punt C zit? · age flows

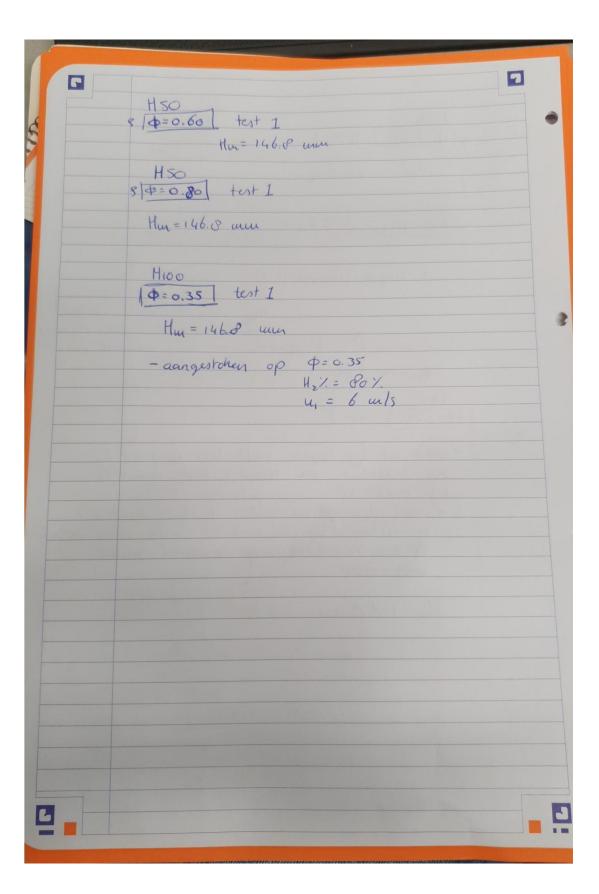




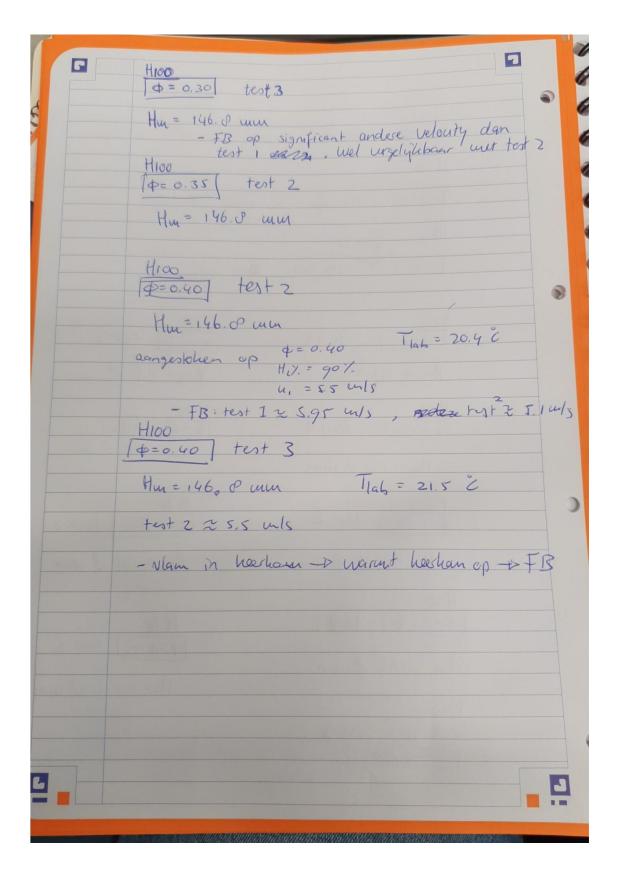
```
28-01-2020
H50
8 ($=0.30) test 1
  Mun = 147 mm
Hso s ($=0.70) test 1
Hu=146.7 mm
H50
3 ($=0.90) test 1
  Hu = 146.7 mm
                                   29-07-2020
H75
9 10=0.40 test 1
  Hur. = 146.00 min
H75
 Hu = 146. 8 mm
  - filmpje goed behøhen
- & vlam teruggebleren det vanuit fb positie
```

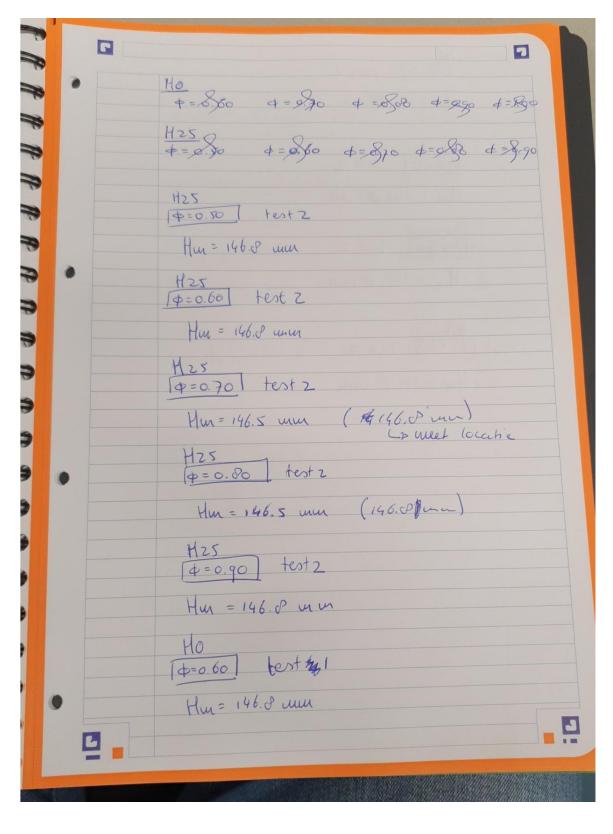






	30-07-2020
	H50 \$\phi = 0.80 \phi = 0.80 \phi = 0.80 \phi = 0.80
	H75
	φ=835 φ=080 φ=080 φ=080
	H100 \$\phi = \partial 3  \$\partial
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	Hun = 148.0 mm Hun = 146.0 mm
	H50 10=0601 test 2 [0=040] test 2 Hon = 146.0 cmm
	Hy = 146.8 mm  H50  \$\psi = 0.70  \text 2  \psi = 0.50  \text 2
	Hun = 146.0 min Hun = 146.0 min
	H50   \$\phi = 0.00   \text{ test 2}
	Hun = 146. Dun Hun = 146. Dun
	HS0 10=0.90 ) test 2 Hun = 146.0 mm
<b>.</b>	Hu = 146.0 mm





HO (\$0.70) test Z Hm = 146. 65 mm HO 10=0.201 test 2 Hu = 146.08 mm Ho A=0.gol test 2 Hun = 146, 8 mm 40 (\$=1.00) test 2 Hu = 146 8 mm

	31-07-2020
H75	
φ=0335 φ=0340 φ=	850 p=860
4100	
φ=83 φ=0.835	5 \$ = 940
H75	11100
1 (p=0.35) test 3	φ=0.30] test 4
Hu = 146.0 mm	Hu = 146. \$6 m
	uangusichen #=000
H75	H100
φ=0.40 test 3	100.35 test
Hu= 146.8 um	Hun = 146,6 U
H75	H100
H75 [\$=0.50] test 3	(\$=0.40) tes
Hu = 146.3 mm	Mu= 146.65
H75	
19=0.60 test 3	
Hm=146.0 mm	