

# LIQUID DISTRIBUTION, SPRAY WIDTH

Flüssigkeitsverteilung, Strahlbreite

ENGINEERING  
YOUR SPRAY SOLUTION



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**Pro. No.:** FLATJET NOZZLE

Erz. Nr.

**Date:** 4/9/2024  
**Datum**

**SINGLE NOZZLE**  
**Einzelmessung**

**Water pressure:** 2.00 bar  
**Druck Wasser**

**Air pressure:** 0.00 bar  
**Druck Luft**

**Water flow rate:** 14.23 l/min  
**Volumenstrom Wasser**

**Air flow rate:** 0.00 m³/h i.N.  
**Volumenstrom Luft**

**Spray height:** 300 mm  
**Spritzhöhe**

**Meas. point pitch:** 16.0  
**Messstellenabstand**

**Average value:** 6.30 ml  
**Mittelwert**

**Threshold:** 5.0 %  
**Schwelle**

**Spray angle, Core:** 61 °  
**Strahlwinkel, Kern**

**Spray width, Total:** 352 mm  
**Strahlbreite, Gesamt**  
**Spray angle, Total :** 61 °  
**Strahlwinkel, Gesamt**

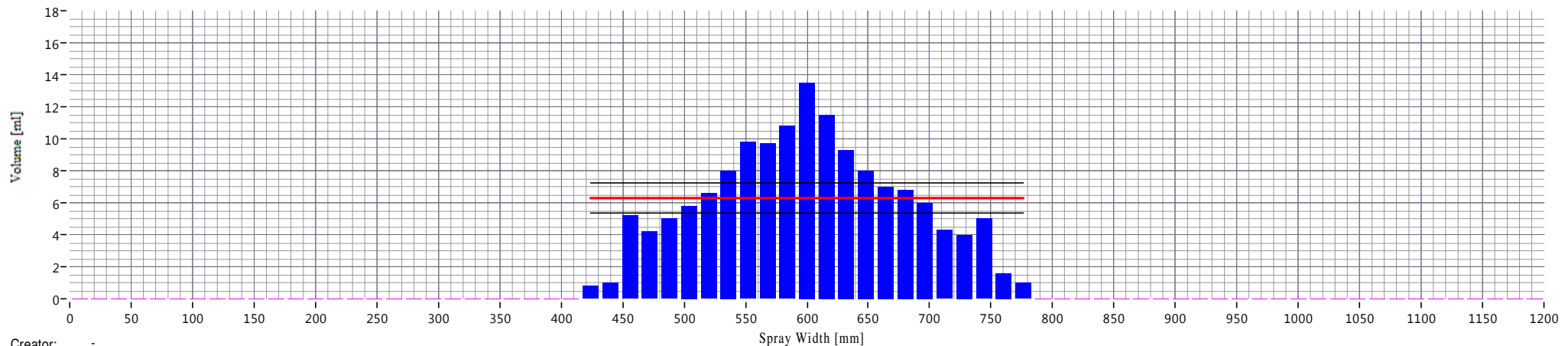
**Remark, internal:** -  
**Bemerkung, intern**

**Remark, external:** -  
**Bemerkung, extern**

Cyl.	Vol [ ml ]	Dev. [%]	Cyl.	Vol [ ml ]	Dev. [%]	Cyl.	Vol [ ml ]	Dev. [%]	Cyl.	Vol [ ml ]	Dev. [%]
1	---	---	31	5.0	-20.6	61	---	---	91	---	---
2	---	---	32	5.8	-7.9	62	---	---	92	---	---
3	---	---	33	6.6	4.8	63	---	---	93	---	---
4	---	---	34	8.0	27.0	64	---	---	94	---	---
5	---	---	35	9.8	55.6	65	---	---	95	---	---
6	---	---	36	9.7	54.0	66	---	---	96	---	---
7	---	---	37	10.8	71.4	67	---	---	97	---	---
8	---	---	38	13.5	114.3	68	---	---	98	---	---
9	---	---	39	11.5	82.5	69	---	---	99	---	---
10	---	---	40	9.3	47.6	70	---	---	100	---	---
11	---	---	41	8.0	27.0	71	---	---	101	---	---
12	---	---	42	7.0	11.1	72	---	---	102	---	---
13	---	---	43	6.8	7.9	73	---	---	103	---	---
14	---	---	44	6.0	-4.8	74	---	---	104	---	---
15	---	---	45	4.3	-31.7	75	---	---	105	---	---
16	---	---	46	4.0	-36.5	76	---	---	106	---	---
17	---	---	47	5.0	-20.6	77	---	---	107	---	---
18	---	---	48	1.6	-74.6	78	---	---	108	---	---
19	---	---	49	1.0	-84.1	79	---	---	109	---	---
20	---	---	50	---	---	80	---	---	110	---	---
21	---	---	51	---	---	81	---	---	111	---	---
22	---	---	52	---	---	82	---	---	112	---	---
23	---	---	53	---	---	83	---	---	113	---	---
24	---	---	54	---	---	84	---	---	114	---	---
25	---	---	55	---	---	85	---	---	115	---	---
26	---	---	56	---	---	86	---	---	116	---	---
27	0.8	-87.3	57	---	---	87	---	---	117	---	---
28	1.0	-84.1	58	---	---	88	---	---	118	---	---
29	5.2	-17.5	59	---	---	89	---	---	119	---	---
30	4.2	-33.3	60	---	---	90	---	---	120	---	---

**Deviation over +15.0% : 8 Cyl.**  
**Abweichung über**

**Deviation under -15.0% : 10 Cyl.**  
**Abweichung unter**



Creator: -

Messung Nr.: 0

VA-Nr.: -

FA-Nr.: -

DutyCycle [%] 0

Frequency [Hz] 0

Y-Amplitude: 0 mm

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