

LIQUID DISTRIBUTION, SPRAY WIDTH

Flüssigkeitsverteilung, Strahlbreite



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Pro. No.: HOLLOW CONE

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: 3.72 l/min
Volumenstrom Wasser

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

Spray height: 200 mm
Spritzhöhe

Meas. point pitch: 16.0
Messstellenabstand

Average value: 5.96 ml
Mittelwert

Threshold: 5.0 %
Schwelle

Spray angle, Core: 77 °
Strahlwinkel, Kern

Spray width, Total: 320 mm
Strahlbreite, Gesamt

Spray angle, Total : 77 °
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	1.3	-78.2	61	---	---	91	---	---
2	---	---	32	3.0	-49.6	62	---	---	92	---	---
3	---	---	33	7.5	25.9	63	---	---	93	---	---
4	---	---	34	12.5	109.8	64	---	---	94	---	---
5	---	---	35	11.5	93.0	65	---	---	95	---	---
6	---	---	36	8.0	34.3	66	---	---	96	---	---
7	---	---	37	8.5	42.7	67	---	---	97	---	---
8	---	---	38	7.8	30.9	68	---	---	98	---	---
9	---	---	39	5.6	-6.0	69	---	---	99	---	---
10	---	---	40	5.6	-6.0	70	---	---	100	---	---
11	---	---	41	6.5	9.1	71	---	---	101	---	---
12	---	---	42	7.2	20.9	72	---	---	102	---	---
13	---	---	43	8.5	42.7	73	---	---	103	---	---
14	---	---	44	12.0	101.4	74	---	---	104	---	---
15	---	---	45	9.2	54.4	75	---	---	105	---	---
16	---	---	46	4.2	-29.5	76	---	---	106	---	---
17	---	---	47	2.2	-63.1	77	---	---	107	---	---
18	---	---	48	1.2	-79.9	78	---	---	108	---	---
19	---	---	49	1.0	-83.2	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	---	---	57	---	---	87	---	---	117	---	---
28	---	---	58	---	---	88	---	---	118	---	---
29	0.8	-86.6	59	---	---	89	---	---	119	---	---
30	1.0	-83.2	60	---	---	90	---	---	120	---	---

Deviation over +15.0%: 10 Cyl.
Abweichung über

Deviation under -15.0%: 8 Cyl.
Abweichung unter

