

118、202、432系列喷 SCHLICK Models 118, 202, 432

Mod. 118, 202, 432

压力式喷嘴/空心锥喷嘴/硬质合金喷嘴
Pressure Nozzles / Hollow-Cone / Carbide



SCHLICK 硬质合金喷嘴非常适用于含研磨介质的雾化, 无论流体压力高还是低。

SCHLICK carbide nozzles are very well suited for the atomisation of abrasive media at low and high pressures

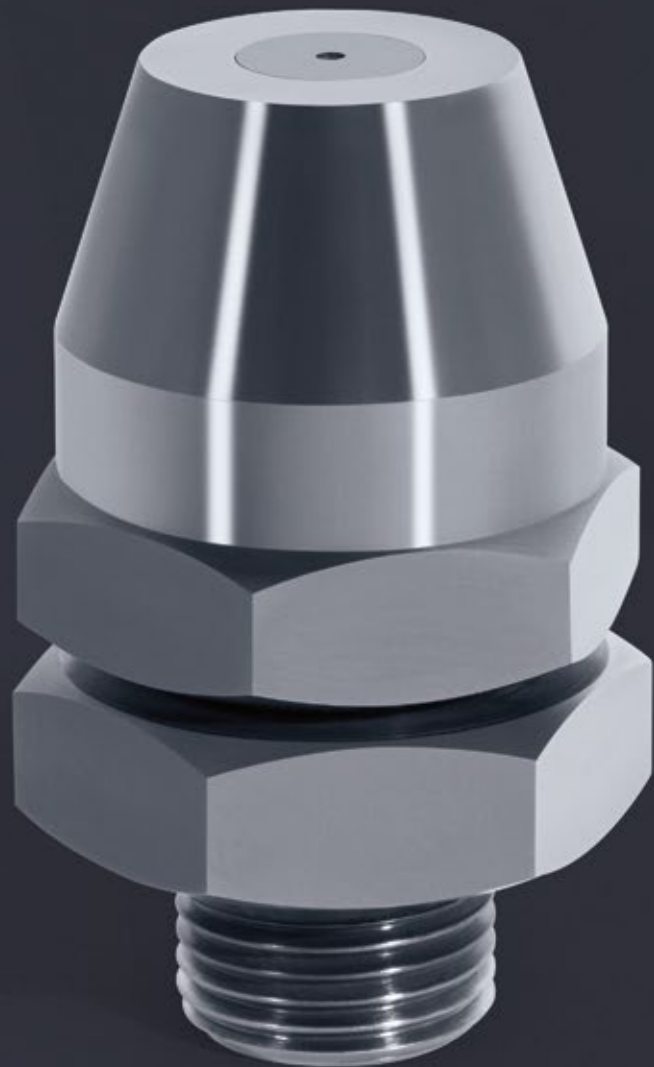
由于内部采用特殊结构, 流道截面大且畅通, 使得此系列喷嘴极为耐磨。

They are extremely resistant through a special construction with large free cross-sections

可通过更换喷芯, 获得不同雾化流量和雾化角度。

Variable air flow and spray cone through very easily exchangeable nozzle exit units

为雾化解决方案而生 SCHLICK 雾化技术



材质

喷嘴本体

- 耐酸抗腐蚀不锈钢
- 耐高温不锈钢
- 黄铜
- 哈氏合金

喷芯、旋转体、涡流腔：
- 其他客户指定材料

Materials

Nozzle body:

- Acid resistant and noncorrosive stainless steel
- Heat resistant stainless steel
- Brass
- Hastelloy

Orifice insert, swirl insert and chamber: Carbide

- Custom materials available on request

产品目录
Product Overview

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ABC/PCA Technique

三/四液体喷嘴
Three-/Four-
Substance Nozzles

多喷头技术
Multispray

喷射杆
Insertion Pipes

喷嘴头
Nozzle Heads

实心锥喷嘴
Full Cone Nozzles

空心锥喷嘴
Hollow Cone Nozzles

硬质合金喷嘴
Carbide Nozzles

扁平喷嘴
Flat Spray Nozzles

喷射喷嘴
Smooth-Jet Nozzles

混合喷嘴
Mixing Nozzles

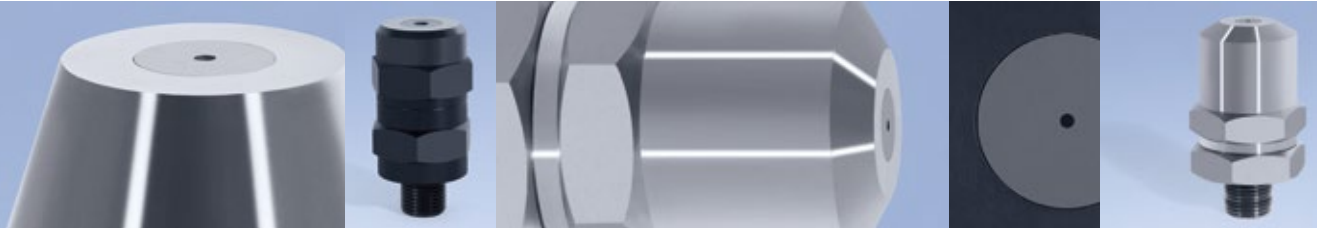
拉瓦尔喷嘴
Laval Nozzles

清洗喷嘴
Cleaning Nozzles

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118、202、432系列喷嘴 SCHLICK Models 118, 202, 432



持久耐用— 适用于含研磨介质的雾化

SCHLICK硬质合金喷嘴雾化形状为空心锥,雾化面积大、雾化液滴细小,尤其适合含研磨介质的雾化,无论流体压力高还是低。

雾化流量、液滴分布等取决于喷孔的大小、流体压力、雾化角度、流体粘度和流体密度以及表面张力等因素。

当然,如需获得很小的雾化液滴,流体压力要尽量大些、流体粘度和表面张力尽量小一些,同时,喷孔直径尽量小些、雾化角度尽量大些。

由于流道截面大且畅通,喷嘴极不容易堵塞,工作压力可达150bar以上。

Extremely durable – also for abrasive media

SCHLICK hard metal nozzles with a hollow cone spray image atomize static liquids into very fine droplets with a large specific surface and are very well suited to atomizing **abrasive media** at high and low pressures.

The quality of the atomized spray and the droplet spectrum are related to the diameter of the hole, the pressure, the scatter cone, the density, the viscosity, and the surface tension.

In order to achieve fine atomisation high liquid pressures, low viscosities and surface tensions, small bore holes and a large spray cone should be aimed for.

There is a low blockage risk due to a large, free cross-section. We guarantee operating safety up to 150 bar.



雾化形状: 空心锥



雾化角度 (118和432系列喷嘴):
40° - 100°

雾化角度 (202系列喷嘴):
15°, 30°, 45°, 60°, 75°, 90°



处理量 (118和432系列喷嘴):
大致0.1-14升/分钟 (3bar时)

处理量 (202系列喷嘴):
大致0.1-7升/分钟 (3bar时)



118和432系列喷嘴的常规孔径:
0.5 mm - 6.0 mm
202系列喷嘴的常规孔径:
0,5 mm - 4,2 mm



Spray pattern: circular hollow-cone



Spray angle model 118 and 432:
40° - 100°

Spray angle model 202:
15°, 30°, 45°, 60°, 75°, 90°



Capacity model 118 and 432:
approx. 0.1 - 14 l/min at 3 bar

Capacity model 202:
approx. 0.1 - 7 l/min at 3 bar



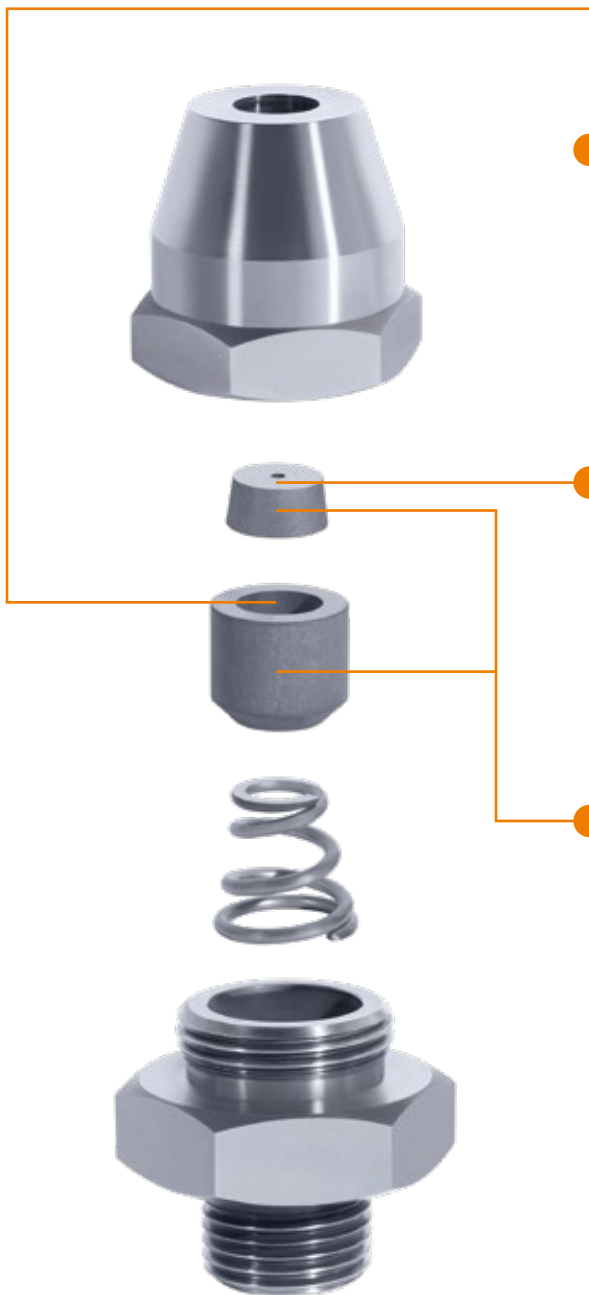
Standard orifices Mod. 118 und 432:
0,5 mm - 6,0 mm
Standard orifices Mod. 202:
0,5 mm - 4,2 mm

创新性产品设计造就了完美的雾化效果:

- 拆装极其简单
- 适用于各种流量
- 防堵设计
- 应用范围非常广泛
- 终身售后服务保障
- 免费产品设计和技术支持

Innovative product design for perfect spraying:

- Extremely easy installation/de-installation
- Designed for low and high air flow rates
- Blockage-resistant
- Very wide range of applications
- Long-term after-sales warranty
- Engineering free of charge



流体在自身压力作用下, 通过喷孔或圆环进入涡流腔中, 在涡流腔中, 压力转换为动能或者旋转动能。

The liquid is fed under pressure and enters the swirl chamber through tangential slits or holes. In the swirl chamber, the energy in the pressurised liquid is converted into rotational energy or kinetic energy.

在喷嘴出口处, 旋转的液膜与周围的空气发生碰撞, 分解成细小液滴, 这些液滴沿轴向和径向远离喷嘴, 呈空心锥体状。

A rotating film of liquid forms around an air core and emerges through the hole as a hollow cone jet. After overcoming the surface tension, the cone disperses into a myriad of fine droplets.

此系列喷嘴的喷芯和涡流腔材质为硬质合金或者碳化硅, 更换很容易, 如需改变流量或者雾化角度, 更换喷芯和涡流腔即可, 这使得此系列的喷嘴能够满足不同客户的各种需求。

The nozzle exit, and swirl chambers are made of hard metal or silicon carbide. The hard metal units can be easily replaced. Air flow rate and spray cone can be varied by replacing the hard metal units. This makes it easy to adapt the system to customer-specific requirements by hand.

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Three-/Four-
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多喷头技术
Multispray

喷枪杆
Insertion Pipes

喷嘴头
Nozzle Heads

空心锥喷嘴
Full-Cone Nozzles

空心锥喷嘴
Hollow-Cone Nozzles

硬质合金喷嘴
Carbide Nozzles

扁平喷嘴
Flat-Spray Nozzles

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Mod. 118, 202, 432

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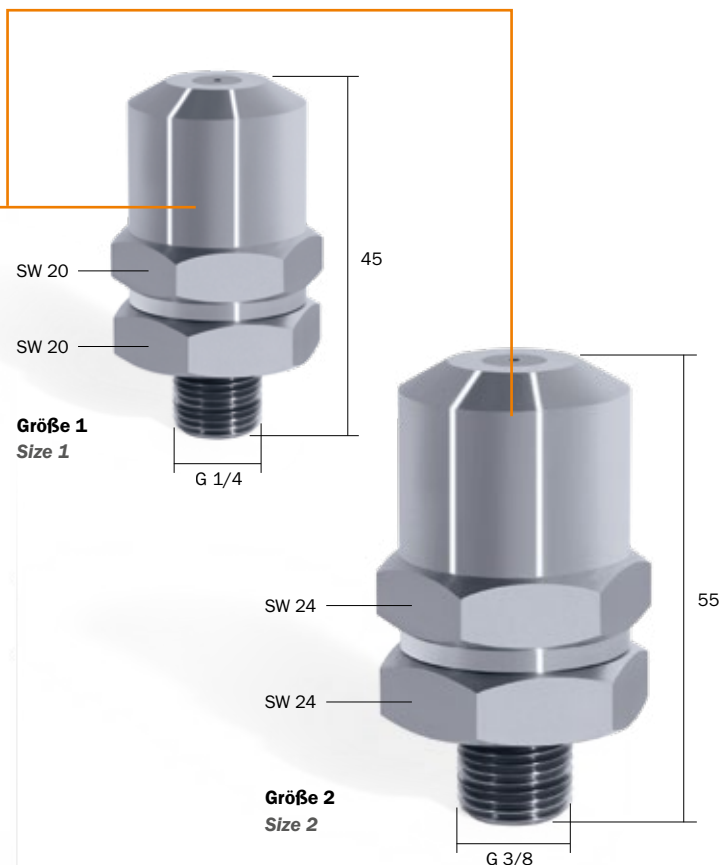


118系列喷嘴材质为硬质合金, 雾化形状为空心锥, 特别适用于要求雾化液滴小的场合, 喷芯和涡流腔也是由硬质合金制成(可选光面或者雾面), 通过更换喷芯, 可获得不同流量和雾化角度。
孔径: \varnothing 0.5- \varnothing 6.0 mm (以0.1mm递增)

SCHLICK model 118 with hard metal for especially fine hollow cone atomisation. The nozzle exit and the swirl chamber are manufactured from hard metal (smoothed or unsmoothed). By easily exchanging the nozzle exit manually, many variations are possible, even in the spray cone.
 \varnothing -bore hole: 0.5-6.0 mm (0.1 mm intervals).

202系列喷嘴材质也是硬质合金, 处理量大小和空心锥喷嘴**100**系列以及**200**系列相似, 常规雾化角度为**75°**, 也可选择**15°**、**30°**、**45°**、**60°**、**90°**的雾化角度。
孔径 (118 Size 1喷嘴): \varnothing 0.5- \varnothing 2.3mm
孔径 (118 Size 2喷嘴): \varnothing 2.5- \varnothing 4.2mm (也是以0.1mm递增)。

SCHLICK model 202 with hard metal. The air flow performance of model 202 is comparable with the hollow cone jet model 100 and 200. The normal spray cone is 75°. The nozzle is however also available with 15°, 30°, 45°, 60° and 90° spray cones.
 \varnothing -bore hole **size 1**: 0.5-2.3 mm,
 \varnothing -bore hole **size 2**: 2.5 - 4.2 mm (always in intervals of 0.1 mm).



信任和质量是合作成功的基础,这不仅仅指我们的产品,也适用于我们的服务。如有需要,我们可向您提供喷嘴相关文件,如技术手册(包括图纸、流量图、安装和操作说明)、SCHLICK公司的相关证书以及喷嘴的材质说明。

Reliability and quality are the basis for successful cooperation with our international customers. This applies both to our products and to our service. If you wish, we will supply you with all necessary documentation such as technical handbooks for the nozzles (drawings, flow diagrams, installation and operating instructions) together with factory and material specifications.



432系列喷嘴材质为硬质合金,一般用于喷雾干燥,喷芯和涡流腔也是由硬质合金制成(可选光面或者雾面),**432**系列喷嘴流量特别大,是通过涡流腔中相切的两个圆孔来实现的,喷芯孔径可选: $\varnothing 0.5$ - $\varnothing 6.0$ mm (以 0.1 mm递增)。为防止物料在喷嘴前端堆积,**432**系列有前端圆弧处理的定制款。

SCHLICK model 432 with hard metal standard fittings for spray drying. The nozzle exit and the swirl chamber are manufactured from hard metal (smoothed or unsmoothed). Especially large air flow rates can be achieved through two tangential bore holes in the swirl chamber. \varnothing -bore hole: 0.5–6.0 mm (0.1 mm intervals). Also available as an special design with rounded upper part to avoid build-ups.

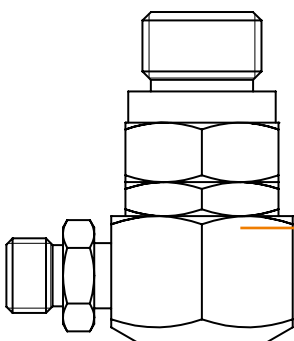
432R系列喷嘴材质为硬质合金,喷嘴的右侧带有螺纹,可以将喷嘴直角安装到管道或类似物体上,安装孔的标称宽度最小为DN 50。

SCHLICK model 432 R with hard metal for right-angled installation. For insertion into pipes, supports or similar. Required nominal width of the installation hole min. DN 50.



客户定制款:**118 S3**喷嘴,增加了一路辅助雾化气,以获得更小的雾化液滴

Custom model: SCHLICK model 118 S3 with additional air supply to influence the relevant droplet size.



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Mod. 118, 202, 432

压力式喷嘴/空心锥喷嘴/硬质合金喷嘴
Pressure Nozzles / Hollow-Cone / Carbide



应用

含研磨介质的雾化, 以及以下物料的喷雾干燥:

- 陶瓷
- 化学制品
- 鸡蛋液
- 萃取物
- 食品
- 奶制品
- 油漆
- 肥皂
- 洗衣粉

Applications

Atomisation of abrasive media, spray drying of:

- Ceramic bulk
- Chemicals
- Eggs
- Extracts
- Foodstuffs
- Milk
- Paints
- Soaps
- Washing powder



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空心锥喷嘴
Hollow Cone Nozzles

硬质合金喷嘴
Carbide Nozzles

扁平喷嘴
Flat Spray Nozzles

喷射喷嘴
Smooth-Jet Nozzles

混合喷嘴
Mixing Nozzles

拉瓦尔喷嘴
Laval Nozzles

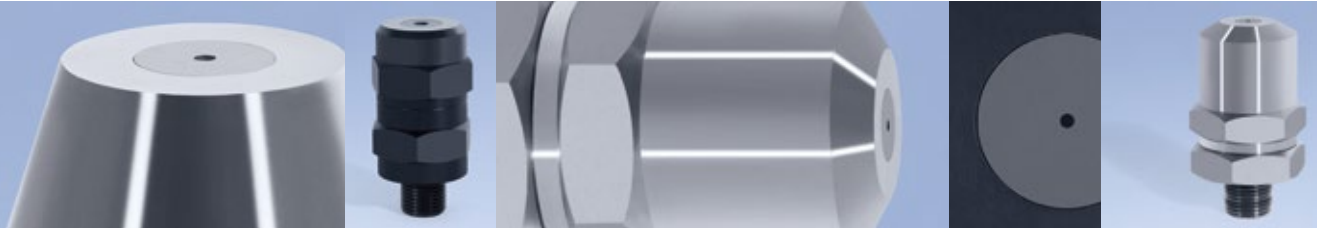
清洗喷嘴
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118、202、432 系列喷嘴的具体技术参数

Technical Details SCHLICK Models 118, 202, 432



118系列喷嘴的性能数据

Performance data of model 118

孔径 ø (mm) Orifice ø in mm	旋转体 编号 Swirl insert No.	流量 (l/min) Flow rate in l/min at								雾化角度 Orifice spray angle
		3 bar	8 bar	10 bar	20 bar	40 bar	60 bar	80 bar	100 bar	
2.0	150	1.13	1.83	2.05	2.90	4.10	5.00	5.80	6.50	86°
	200	1.37	2.27	2.50	3.60	5.05	6.20	7.20	8.00	74°
	250	1.26	2.60	2.80	4.15	5.90	7.20	8.30	9.30	70°
	300	1.86	3.00	3.40	4.80	6.80	8.40	9.60	10.70	66°
	350	2.10	3.40	3.80	5.40	7.70	9.50	11.00	12.20	63°
	400	2.35	3.80	4.25	6.10	8.60	10.50	12.10	13.50	53°
	450	2.60	4.25	4.75	6.80	9.50	11.60	13.50	15.00	45°
	500	2.82	4.70	5.20	7.40	10.40	12.70	14.70	16.40	40°
2.5	150	1.42	2.30	2.60	3.70	5.20	6.40	7.30	8.20	92°
	200	1.84	3.00	3.35	4.75	6.70	8.30	9.50	10.50	82°
	250	2.24	3.65	4.10	5.80	8.20	10.00	11.50	13.00	75°
	300	2.65	4.35	4.90	6.90	9.70	12.00	13.80	15.40	72°
	350	3.05	5.00	5.60	8.00	11.10	13.60	15.70	17.50	69°
	400	3.45	5.70	6.40	9.00	12.60	15.50	18.00	20.00	60°
	450	3.85	6.40	7.00	10.00	14.00	17.30	20.00	22.00	54°
	500	4.25	7.00	7.80	11.00	15.50	19.00	22.00	24.70	48°
3.0	150	1.60	2.65	2.95	4.20	5.90	7.20	8.30	9.30	100°
	200	2.18	3.55	4.00	5.60	7.90	9.70	11.20	12.50	88°
	250	2.74	4.50	5.00	7.10	9.90	12.20	14.10	15.80	82°
	300	3.30	5.40	6.00	8.50	12.00	14.90	17.00	19.00	78°
	350	3.85	6.30	7.00	9.90	14.00	17.20	20.00	22.00	75°
	400	4.40	7.20	8.00	11.40	16.00	20.00	23.00	25.50	65°
	450	5.00	8.10	9.00	12.70	18.10	22.50	26.00	29.00	58°
	500	5.50	9.00	10.00	14.00	20.00	25.00	28.70	32.00	53°
3.5	150	1.82	3.00	3.50	4.70	6.60	8.20	9.50	10.50	103°
	200	2.55	4.15	4.60	6.50	9.30	11.40	13.20	14.70	94°
	250	3.30	5.40	6.00	8.50	12.10	15.00	17.00	19.00	85°
	300	4.00	6.60	7.40	10.40	14.80	18.00	20.80	23.00	80°
	350	4.70	7.80	8.70	12.30	17.50	21.50	24.80	27.50	77°
	400	5.45	9.00	10.00	14.00	20.00	24.80	28.50	31.50	69°
	450	6.20	10.20	10.40	16.00	23.00	28.00	32.00	36.00	67°
	500	6.90	11.40	12.70	17.90	25.40	31.00	36.00	40.00	61°

如有技术变更, 恕不另行通知。

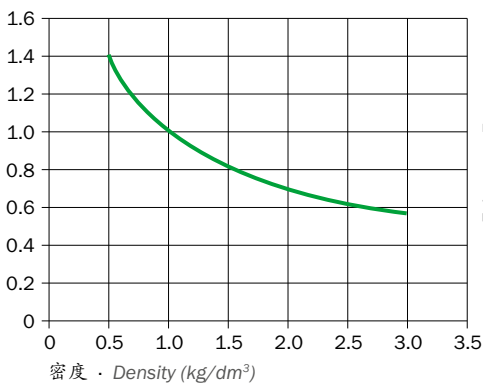
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118型喷嘴的性能数据 Performance data of model 118

孔径 Ø (mm) Orifice Ø in mm	旋转体 编号 Swirl insert No.	流量 (l/min) Flow rate in l/min at								雾化角度 Orifice spray angle
		3 bar	8 bar	10 bar	20 bar	40 bar	60 bar	80 bar	100 bar	
4.0	150	1.95	3.20	3.60	5.00	7.10	8.70	10.00	11.30	110°
	200	2.85	4.65	5.20	7.40	10.50	13.00	15.00	16.60	96°
	250	3.75	6.20	6.90	9.80	14.00	17.00	19.60	22.00	88°
	300	4.70	7.60	8.60	12.00	17.00	21.00	24.30	27.00	84°
	350	5.60	9.20	10.20	14.40	20.40	25.00	29.00	32.50	79°
	400	6.50	10.60	11.90	16.60	23.70	29.00	34.00	37.50	73°
	450	7.50	12.10	13.60	18.90	27.00	33.00	38.00	43.00	67°
4.5	150	2.30	3.80	4.25	6.00	8.40	10.40	12.00	13.40	112°
	200	3.35	5.50	6.20	8.70	12.30	15.20	17.50	19.50	98°
	250	4.40	7.30	8.00	11.50	16.20	20.00	23.00	25.50	91°
	300	5.50	9.00	10.00	14.30	20.00	25.00	28.70	32.00	87°
	350	6.60	10.70	12.00	17.00	24.00	29.50	34.00	38.00	83°
	400	7.60	12.50	14.00	19.50	28.00	34.00	40.00	40.00	76°
	450	8.60	14.00	16.00	22.00	31.50	38.50	45.00	50.00	70°
5.0	150	2.60	4.25	4.75	6.70	9.50	11.60	13.50	15.00	104°
	200	3.80	6.30	7.10	10.00	14.00	17.50	20.00	22.50	97°
	250	5.10	8.40	9.40	13.00	18.70	23.00	26.80	30.00	92°
	300	6.40	10.50	10.60	16.30	23.30	28.50	33.00	37.00	88°
	350	7.60	12.40	13.90	19.50	27.80	34.00	39.50	44.00	87°
	400	8.90	14.50	16.00	23.00	32.00	39.50	46.00	52.00	80°
	450	10.20	16.50	18.40	26.00	37.00	46.00	53.00	58.00	76°
500	11.40	18.50	21.00	29.00	42.00	51.00	59.00	66.00	70°	

密度系数换算表 Conversion factor for density



流量数据是以16°C的水测得的,不同密度的流体流量系数参照上侧图表,喷嘴的孔径是以0.1递增。

The air flow performance is based on water at 16°C – liquids of different thickness can be calculated using the conversion table on the left. The bore hole diameter is marked on the nozzle in 1/10 mm.

T118、202、432系列喷嘴的具体技术参数

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432系列喷嘴的性能数据

Performance data of model 432

孔径 ø (mm) Orifice ø in mm	旋转体 编号 Swirl insert No.	流量 (l/min) Flow rate in l/min at								雾化角度 Orifice spray angle
		3 bar	8 bar	10 bar	20 bar	40 bar	60 bar	80 bar	100 bar	
2.0	150	0.85	1.40	1.55	2.20	3.10	3.80	4.40	5.00	84°
	200	1.15	1.90	2.10	2.95	4.20	5.10	5.90	6.60	80°
	250	1.40	2.30	2.55	3.60	5.10	6.30	7.30	8.10	74°
	300	1.65	2.70	3.00	4.20	6.00	7.40	8.60	9.50	69°
	350	1.95	3.15	3.50	5.00	7.00	8.50	10.00	11.20	64°
	400	2.30	3.75	4.20	6.00	8.40	10.40	12.00	13.20	50°
	450	2.65	4.35	4.90	7.00	9.80	12.00	14.00	15.50	46°
	500	3.20	5.30	5.90	8.40	11.80	14.50	16.50	18.50	40°
2.5	150	1.05	1.70	1.90	2.70	3.80	4.70	5.40	6.10	86°
	200	1.35	2.20	2.45	3.50	5.00	6.10	7.00	7.80	83°
	250	1.75	2.85	3.20	4.50	6.40	7.80	9.00	10.00	76°
	300	2.10	3.40	3.80	5.40	7.70	9.40	11.00	12.00	74°
	350	2.50	4.20	4.70	6.70	9.50	11.70	13.50	15.00	66°
	400	3.10	5.10	5.60	8.00	11.30	14.00	16.00	17.80	57°
	450	3.65	6.00	6.70	9.50	13.40	16.00	19.00	21.00	52°
	500	4.50	7.40	8.20	11.50	16.40	20.00	23.20	26.00	47°
3.0	150	1.20	1.95	2.20	3.10	4.40	5.40	6.20	7.00	96°
	200	1.60	2.65	2.95	4.15	5.80	7.20	8.20	9.20	93°
	250	2.10	3.50	3.85	5.40	7.60	9.40	10.80	12.00	83°
	300	2.55	4.20	4.70	6.60	9.20	11.40	13.10	14.60	80°
	350	3.10	5.10	5.70	8.00	11.30	14.00	16.00	17.90	75°
	400	3.85	6.40	7.10	10.00	14.20	17.50	20.00	22.50	63°
	450	4.60	7.50	8.40	11.80	16.90	20.70	23.90	26.50	60°
	500	5.80	9.40	10.50	14.60	21.00	26.00	30.00	33.00	53°
3.5	150	1.40	2.30	2.60	3.60	5.10	6.30	7.30	8.10	101°
	200	1.85	3.00	3.35	4.75	6.80	8.30	9.60	10.50	95°
	250	2.45	4.00	4.45	6.30	8.90	11.00	12.60	14.00	92°
	300	3.00	5.00	5.50	7.80	11.00	13.50	15.50	17.30	86°
	350	3.80	6.20	7.00	9.80	14.00	17.00	19.50	22.00	80°
	400	4.75	7.80	8.70	12.30	17.50	21.50	24.70	27.50	73°
	450	5.70	9.20	10.30	14.50	20.80	25.40	29.50	32.50	66°
	500	7.00	11.50	12.90	18.00	26.00	31.50	36.50	41.00	58°

如有技术变更, 恕不另行通知。

作为全球技术领先的喷嘴制造商,我们不仅能提供标准的高质量解决方案,也能根据客户的要求进行定制,即使项目时间短、需求量少。

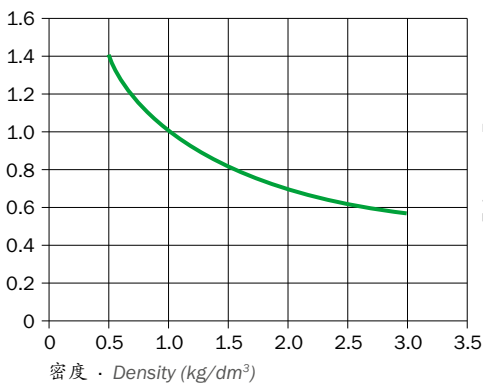
As one of the leading spray nozzle manufacturers in Europe, we can offer both high quality standard solutions and are in the position of developing customised products for individual tasks as fast as possible, even for small production runs.

432系列喷嘴的性能数据 Performance data of model 432

孔径 Ø (mm) Orifice Ø in mm	旋转体 编号 Swirl insert No.	流量 (l/min) Flow rate in l/min at								雾化角度 Orifice spray angle
		3 bar	8 bar	10 bar	20 bar	40 bar	60 bar	80 bar	100 bar	
4.0	150	1,55	2,50	2,80	4,00	5,60	7,00	8,00	9,00	105°
	200	2,10	3,40	3,80	5,40	7,70	9,40	11,00	12,00	98°
	250	2,80	4,60	5,10	7,20	10,20	12,50	14,50	16,00	95°
	300	3,50	5,70	6,40	9,00	12,80	15,80	18,50	20,00	92°
	350	4,25	7,00	7,80	11,00	15,70	19,00	22,00	24,50	87°
	400	5,40	8,80	9,80	14,00	19,50	24,50	28,00	31,50	77°
	450	6,60	10,80	12,00	16,80	24,00	29,80	34,00	38,00	70°
4.5	150	1,70	2,80	3,10	4,40	6,30	7,70	8,80	9,80	104°
	200	2,30	3,80	4,30	6,00	8,50	10,40	12,00	23,25	100°
	250	3,15	5,20	5,40	8,20	11,50	14,00	16,20	18,00	97°
	300	4,00	6,60	7,40	10,30	14,50	18,00	20,70	23,00	94°
	350	4,85	8,00	8,90	12,50	17,50	22,00	25,50	28,00	87°
	400	6,20	10,00	11,30	15,70	22,80	28,00	32,00	36,00	78°
	450	7,60	12,40	13,80	19,50	28,00	34,50	40,00	44,00	72°
5.0	150	1,85	3,00	3,90	4,80	6,80	8,30	9,50	10,60	107°
	200	2,50	4,10	4,60	6,40	9,10	11,20	13,00	15,40	102°
	250	3,40	5,60	6,20	8,70	12,40	15,20	17,50	19,50	97°
	300	4,30	7,00	7,90	11,00	15,80	19,50	22,50	25,00	93°
	350	5,40	8,80	9,80	13,70	20,00	24,50	28,00	31,50	89°
	400	7,00	11,50	12,90	18,00	26,00	32,00	37,00	41,00	87°
	450	8,60	14,00	15,90	22,00	32,00	39,00	45,00	50,00	78°
500	10,80	18,00	20,00	28,00	39,50	48,50	56,50	63,00	72°	

密度系数换算表

Conversion factor for density

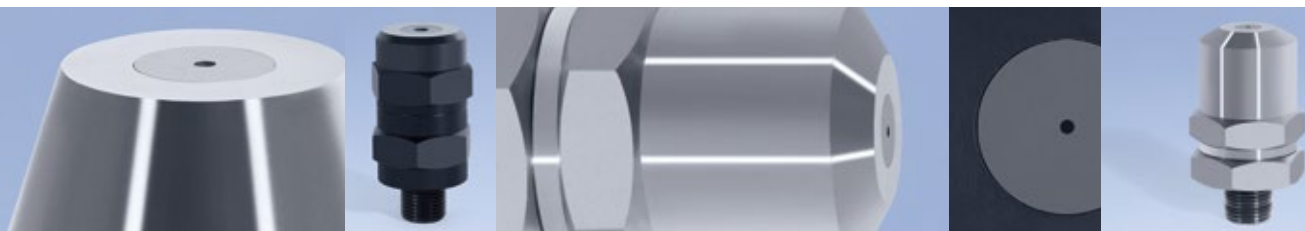


流量数据是以16°C的水测得的,不同密度的流体流量系数参照上侧图表,喷嘴的孔径是以0.1递增

The air flow performance is based on water at 16°C – liquids of different thickness can be calculated using the conversion table on the left. The bore hole diameter is marked on the nozzle in 1/10 mm.

118、202、432 系列喷嘴的具体技术参数

Technical Details SCHLICK Models 118, 202, 432



202系列喷嘴的性能数据

Performance data of model 202

孔径 ø (mm) Orifice ø in mm	流量 (l/min)								
	Flow rate in l/min at								
	0.25 bar	0.5 bar	1 bar	2 bar	3 bar	4 bar	6 bar	8 bar	10 bar
0.5				0.80	0.097	0.111	0.138	0.159	0.178
0.8				0.204	0.250	0.288	0.354	0.408	0.457
1.1			0.270	0.380	0.470	0.540	0.660	0.770	0.860
1.6		0.41	0.580	0.81	1.00	1.16	1.43	1.64	1.83
2.3	0.60	0.84	1.19	1.68	2.06	2.38	2.92	3.37	3.76
2.8	0.88	1.24	1.76	2.48	3.05	3.52	4.32	4.98	5.57
3.2	1.15	1.63	2.30	3.26	4.00	4.62	5.65	6.52	7.30
3.6	1.45	2.06	2.92	4.12	5.05	5.83	7.15	8.25	9.20
3.9	1.70	2.41	3.40	4.80	5.90	6.82	8.35	9.63	10.75
4.2	1.98	2.82	3.98	5.63	6.90	7.95	9.75	11.30	12.60

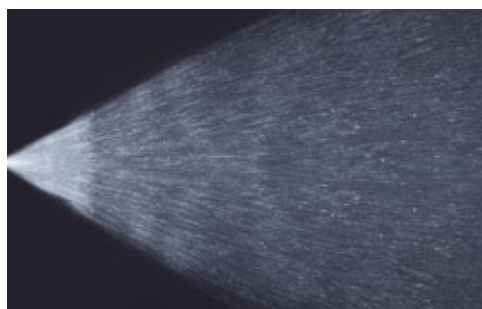
118系列喷嘴雾化图

Spray model 118



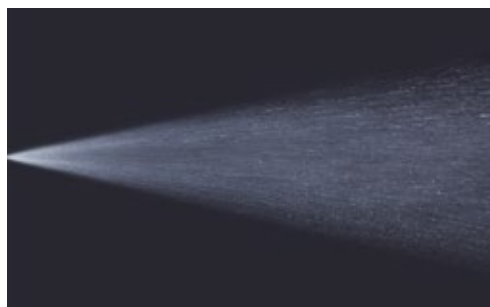
432系列喷嘴雾化图

Spray model 432



202系列喷嘴雾化图

Spray model 202



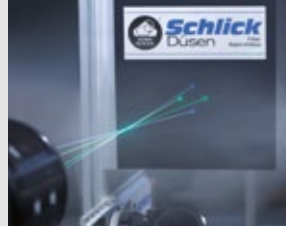
如有技术变更,恕不另行通知。

相位多普勒测量技术 PDA measurement technology

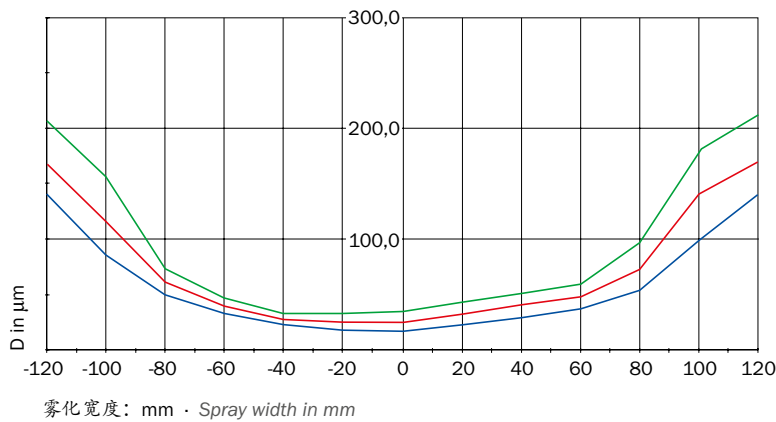
雾化效果可测量

Measurable success

SCHLICK测量系统采用双相位激光多普勒测试原理(5瓦氩离子激光器), 精准测量雾化液滴颗粒和其流动特性。



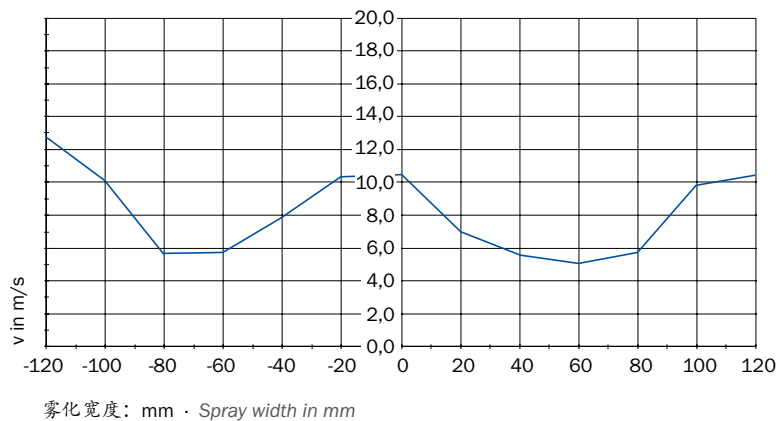
The SCHLICK measurement system, a drop measurement device designed according to the dual PDA principle (PDA = Phase-Doppler Anemometry), uses a 5-watt (argon-ionic) continuous wave laser.



202/1系列喷嘴液滴大小
孔径: 1.6 mm/60°, 雾化宽度: 240mm,
距离: 200 mm, 液体流量: 129.6 l/h,
液体压力: 14 bar (Δp)

Droplet size of Mod. 202/1

Bore diameter: 1.6 mm/60°, spray width: 240 mm,
distance: 200 mm, liquid throughput: 129.6 l/h,
liquid pressure: 14 bar (Δp)

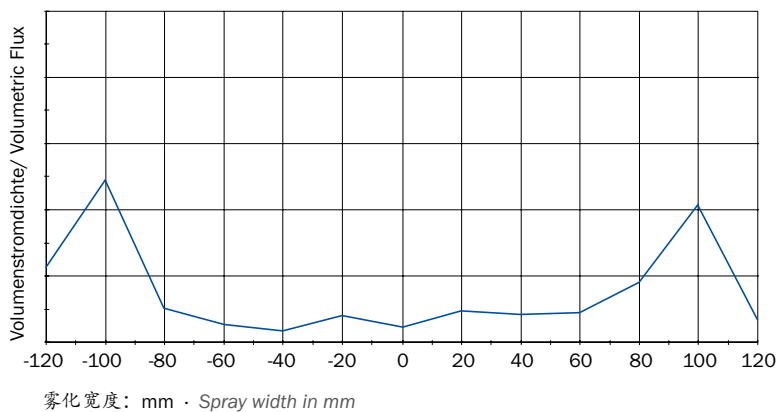


202/1系列喷嘴水平雾化速度

孔径: 1.6 mm/60°, 雾化宽度: 240mm,
距离: 200 mm, 液体流量: 129.6 l/h,
液体压力: 14 bar (Δp)

Horizontal velocities of Mod. 202/1

Bore diameter: 1.6 mm/60°, spray width: 240 mm,
distance: 200 mm, liquid throughput: 129.6 l/h,
liquid pressure: 14 bar (Δp)



202/1系列喷嘴的体积密度

孔径: 1.6 mm/60°, 雾化宽度: 240mm,
距离: 200 mm, 液体流量: 129.6 l/h,
液体压力: 14 bar (Δp)

Volume density of Mod. 202/1

Bore diameter: 1.6 mm/60°, spray width: 240 mm,
distance: 200 mm, liquid throughput: 129.6 l/h,
liquid pressure: 14 bar (Δp)