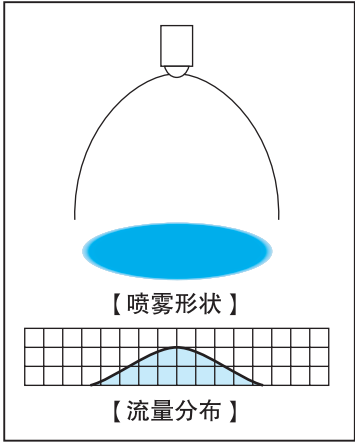


DOVVA-G系列 细雾·中雾扇形喷嘴



【特 性】

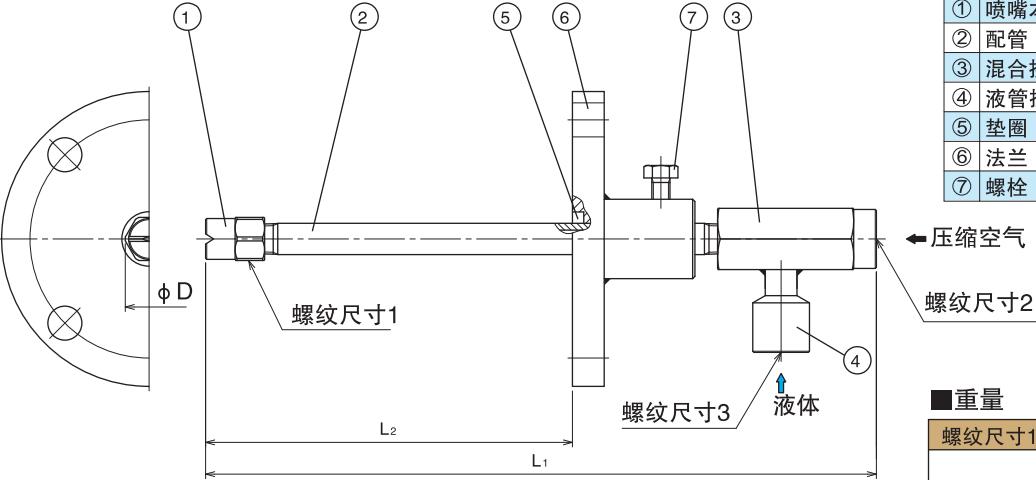
- 异物通过径大，不易堵塞，最适用于废液及污水喷雾的2流体喷嘴。
- 可以产生平均粒径80 μ m以上细雾的二流体扇形喷嘴。
- 简易的构造更便于维护。



【主要用途】

- 脱硝：烟气冷却。

【构造及尺寸、材质、螺纹规范】



■ 各部品名称

| No | 名称 | 标准材质 |
|----|-------|-----------|
| ① | 喷嘴本体 | S316L |
| ② | 配管 | S316LTP |
| ③ | 混合接合器 | S304 |
| ④ | 液管接口 | S304 |
| ⑤ | 垫圈 | 陶瓷纤维+不锈钢线 |
| ⑥ | 法兰 | S304 |
| ⑦ | 螺栓 | S304 |

■ 重量

| 螺纹尺寸1 | 尺寸类型 | 重量 (g) ※ |
|-------|------|----------|
| 1/4F | A | 750 |
| | B | 900 |
| | C | 1,100 |
| | D | 1,250 |
| 3/8F | A | 900 |
| | B | 1,100 |
| | C | 1,350 |
| | D | 1,550 |
| 1/2F | A | 1,350 |
| | B | 1,700 |
| | C | 2,000 |
| | D | 2,350 |

■ 喷嘴尺寸

| 型式 | 喷嘴全长 L ₁ (mm) | 长度 L ₂ (mm) |
|----|--------------------------|------------------------|
| A | 560 | 300~400 |
| B | 760 | 400~600 |
| C | 960 | 600~800 |
| D | 1160 | 800~1000 |

※ 质量是指标准尺寸下的重量，不包含法兰的重量。
喷嘴全长加长100mm时，
螺纹尺寸为1/4F的重量增加80g，
螺纹尺寸为3/8F的重量增加110g，
螺纹尺寸为1/2F的重量增加170g。

| 喷角 区分 | 喷量 区分 | 螺纹尺寸1 | 螺纹尺寸2・3 | | 外径尺寸 φ d (mm) | 异物通过径(mm) | | | |
|----------|----------|-------|---------|----|------------------|-----------|-----|-----|-----|
| | | | | | | 喷口 | | 接合器 | |
| | | | 压缩空气 | 液体 | | 70° | 55° | 空气 | 液体 |
| 70・55° | 82 | 1/4 F | 1/2 F | | 21 | 2.5 | 2.8 | 3.4 | 2.4 |
| | 110 | | | | | 2.9 | 3.3 | 3.9 | 2.7 |
| | 180 | 3/8 F | | | 23 | 3.6 | 4.1 | 4.9 | 3.4 |
| | 230 | | | | | 4.1 | 4.9 | 5.7 | 3.8 |
| | 300 | 1/2 F | | | 29 | 5.2 | 5.6 | 6.5 | 4.4 |
| | 400 | | | | | 5.9 | 6.3 | 7.4 | 5.0 |

DOVVA-G系列 细雾·中雾标准扇形喷嘴

流量线图

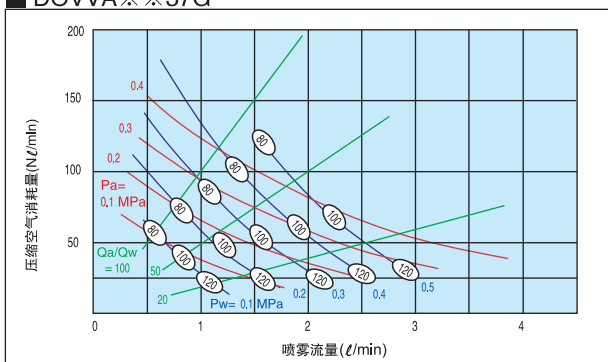
■ 流量线图的读法

- ① 表示一个喷嘴的喷雾量(ℓ/min)。
- ② 红色的线表示空气压力 P_a (MPa)、蓝色的线表示液压 P_w (MPa)、绿色的线表示 Q_a/Q_w 气水比。
- ③ ○ 内的数值表示用脱普勒法测定的SAUDER平均粒子径(μm)。
- ④ ※※表示喷嘴区分。

注) 下图是喷枪全长560mm的条件下的流量线图。

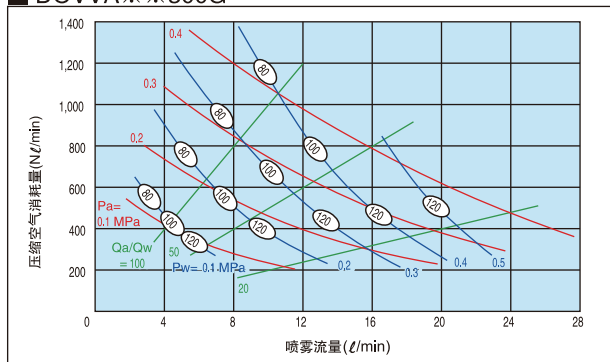
管长若超过560mm、由于会产生压损、因此建议将标准压力提高0.03MPa左右。

■ DOVVA※※37G

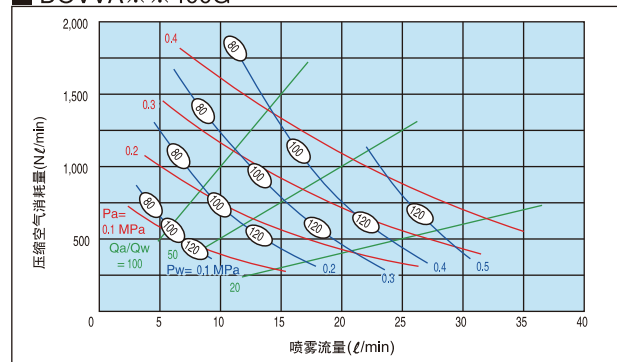


DOVVA-G系列 细雾·中雾标准扇形喷嘴

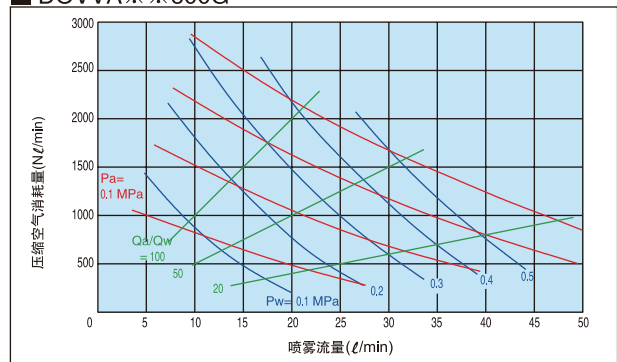
■ DOVVA※※300G



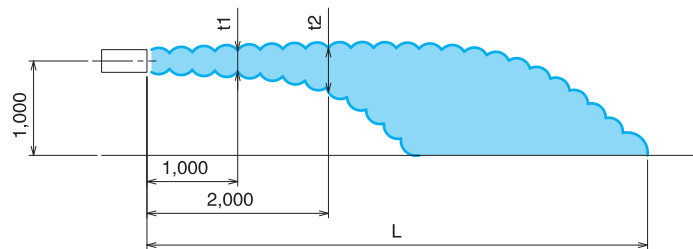
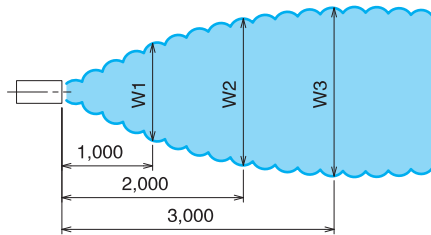
■ DOVVA※※400G



■ DOVVA※※600G



喷雾形状之尺寸资料



| 喷雾角 区分 | 流量 区分 | 气压 (MPa) | 液压 (MPa) | 喷雾形状的尺寸 (mm) | | | | | |
|-----------|----------|-------------|-------------|--------------|-------|-------|-----|-----|-------|
| | | | | W1 | W2 | W3 | t1 | t2 | L |
| 55 | 37 | 0.2 | 0.2 | 550 | 700 | 800 | 250 | 500 | 4,000 |
| | | 0.3 | 0.3 | 600 | 750 | 900 | 250 | 550 | 5,000 |
| | | 0.4 | 0.4 | 700 | 950 | 1,200 | 250 | 550 | 5,000 |
| | | 0.4 | 0.4 | 650 | 850 | 1,000 | 250 | 600 | 6,000 |
| | | 0.5 | 0.5 | 700 | 1,000 | 1,250 | 250 | 600 | 6,000 |
| | 55 | 0.2 | 0.2 | 700 | 1,000 | 1,200 | 400 | 600 | 5,000 |
| | | 0.3 | 0.3 | 750 | 1,100 | 1,300 | 400 | 700 | 6,000 |
| | | 0.4 | 0.4 | 800 | 1,200 | 1,400 | 400 | 700 | 6,000 |
| | | 0.4 | 0.4 | 750 | 1,100 | 1,300 | 400 | 800 | 7,000 |
| | | 0.5 | 0.5 | 800 | 1,300 | 1,500 | 400 | 800 | 7,000 |
| | 82 | 0.2 | 0.2 | 400 | 550 | 700 | 450 | 700 | 5,000 |
| | | 0.3 | 0.3 | 500 | 650 | 800 | 450 | 800 | 6,000 |
| | | 0.4 | 0.4 | 600 | 900 | 1,100 | 450 | 800 | 6,000 |
| | | 0.4 | 0.4 | 500 | 750 | 900 | 450 | 900 | 7,000 |
| | | 0.5 | 0.5 | 600 | 900 | 1,100 | 450 | 900 | 7,000 |

| 喷雾角 区分 | 流量 区分 | 气压 (MPa) | 液压 (MPa) | 喷雾形状的尺寸 (mm) | | | | | |
|-----------|----------|-------------|-------------|--------------|-------|-------|-----|-----|--------|
| | | | | W1 | W2 | W3 | t1 | t2 | L |
| 55 | 110 | 0.2 | 0.2 | 400 | 600 | 800 | 450 | 700 | 6,000 |
| | | 0.3 | 0.3 | 500 | 700 | 900 | 450 | 800 | 7,000 |
| | | 0.4 | 0.4 | 600 | 900 | 1,100 | 450 | 800 | 7,000 |
| | | 0.4 | 0.4 | 500 | 800 | 1,000 | 450 | 900 | 8,000 |
| | | 0.5 | 0.5 | 600 | 900 | 1,100 | 450 | 900 | 8,000 |
| | 180 | 0.2 | 0.2 | 500 | 700 | 900 | 450 | 700 | 7,000 |
| | | 0.3 | 0.3 | 550 | 800 | 1,000 | 450 | 800 | 8,000 |
| | | 0.4 | 0.4 | 700 | 1,000 | 1,250 | 450 | 800 | 8,000 |
| | | 0.4 | 0.4 | 600 | 900 | 1,150 | 450 | 900 | 9,000 |
| | | 0.5 | 0.5 | 700 | 1,050 | 1,350 | 450 | 900 | 9,000 |
| | 230 | 0.2 | 0.2 | 550 | 800 | 1,000 | 450 | 700 | 8,000 |
| | | 0.3 | 0.3 | 600 | 900 | 1,100 | 450 | 800 | 9,000 |
| | | 0.4 | 0.4 | 750 | 1,100 | 1,400 | 450 | 800 | 9,000 |
| | | 0.4 | 0.4 | 650 | 1,000 | 1,300 | 450 | 900 | 10,000 |
| | | 0.5 | 0.5 | 750 | 1,200 | 1,600 | 450 | 900 | 10,000 |

DOVVA-G系列 细雾·中雾标准扇形喷嘴

| 喷雾角 区分 | 流量 区分 | 气压 (MPa) | 液压 (MPa) | 喷雾形状的尺寸 (mm) | | | | | |
|-----------|----------|-------------|-------------|--------------|-------|-------|-----|-----|-------|
| | | | | W1 | W2 | W3 | t1 | t2 | L |
| 70 | 37 | 0.2 | 0.2 | 700 | 900 | 1,000 | 200 | 450 | 3,000 |
| | | | 0.3 | 800 | 1,000 | 1,100 | 200 | 500 | 4,000 |
| | | 0.3 | 0.4 | 1,000 | 1,200 | 1,400 | 200 | 500 | 4,000 |
| | | | 0.4 | 850 | 1,000 | 1,200 | 200 | 550 | 5,000 |
| | | 0.4 | 0.5 | 1,200 | 1,400 | 1,600 | 200 | 550 | 5,000 |
| | 55 | 0.2 | 0.2 | 800 | 1,050 | 1,200 | 350 | 500 | 4,000 |
| | | | 0.3 | 900 | 1,100 | 1,300 | 350 | 600 | 5,000 |
| | | 0.3 | 0.4 | 1,000 | 1,400 | 1,600 | 350 | 600 | 5,000 |
| | | | 0.4 | 950 | 1,200 | 1,400 | 350 | 700 | 6,000 |
| | | 0.4 | 0.5 | 1,000 | 1,400 | 1,700 | 350 | 700 | 6,000 |
| | 82 | 0.2 | 0.2 | 500 | 700 | 900 | 400 | 600 | 4,000 |
| | | | 0.3 | 600 | 800 | 1,000 | 400 | 700 | 5,000 |
| | | 0.3 | 0.4 | 700 | 1,000 | 1,200 | 400 | 700 | 5,000 |
| | | | 0.4 | 600 | 900 | 1,100 | 400 | 800 | 6,000 |
| | | 0.4 | 0.5 | 700 | 1,000 | 1,300 | 400 | 800 | 6,000 |
| | 110 | 0.2 | 0.2 | 500 | 700 | 900 | 400 | 600 | 5,000 |
| | | | 0.3 | 600 | 800 | 1,000 | 400 | 700 | 6,000 |
| | | 0.3 | 0.4 | 700 | 1,000 | 1,200 | 400 | 700 | 6,000 |
| | | | 0.4 | 600 | 900 | 1,100 | 400 | 800 | 7,000 |
| | | 0.4 | 0.5 | 700 | 1,000 | 1,300 | 400 | 800 | 7,000 |
| | 180 | 0.2 | 0.2 | 600 | 850 | 1,050 | 400 | 600 | 6,000 |
| | | | 0.3 | 650 | 900 | 1,150 | 400 | 700 | 7,000 |
| | | 0.3 | 0.4 | 800 | 1,150 | 1,450 | 400 | 700 | 7,000 |
| | | | 0.4 | 700 | 1,050 | 1,350 | 400 | 800 | 8,000 |
| | | 0.4 | 0.5 | 800 | 1,200 | 1,600 | 400 | 800 | 8,000 |
| | 230 | 0.2 | 0.2 | 700 | 1,000 | 1,200 | 400 | 600 | 7,000 |
| | | | 0.3 | 700 | 1,000 | 1,300 | 400 | 700 | 8,000 |
| | | 0.3 | 0.4 | 900 | 1,300 | 1,700 | 400 | 700 | 8,000 |
| | | | 0.4 | 800 | 1,200 | 1,600 | 400 | 800 | 9,000 |
| | | 0.4 | 0.5 | 900 | 1,400 | 1,900 | 400 | 800 | 9,000 |
| 110 | 37 | 0.2 | 0.2 | 800 | 1,000 | 1,100 | 200 | 450 | 3,000 |
| | | | 0.3 | 900 | 1,100 | 1,200 | 200 | 450 | 4,000 |
| | | 0.3 | 0.4 | 1,200 | 1,400 | 1,600 | 200 | 450 | 4,000 |
| | | | 0.4 | 950 | 1,150 | 1,250 | 200 | 550 | 5,000 |
| | | 0.4 | 0.5 | 1,300 | 1,500 | 1,700 | 200 | 550 | 5,000 |
| | 55 | 0.2 | 0.2 | 850 | 1,100 | 1,300 | 350 | 500 | 4,000 |
| | | | 0.3 | 1,000 | 1,200 | 1,400 | 350 | 600 | 5,000 |
| | | 0.3 | 0.4 | 1,400 | 1,600 | 1,700 | 350 | 600 | 5,000 |
| | | | 0.4 | 1,050 | 1,300 | 1,400 | 350 | 700 | 6,000 |
| | | 0.4 | 0.5 | 1,400 | 1,600 | 1,800 | 350 | 700 | 6,000 |
| | 82 | 0.2 | 0.2 | 700 | 1,000 | 1,300 | 300 | 400 | 4,000 |
| | | | 0.3 | 800 | 1,100 | 1,400 | 300 | 500 | 5,000 |
| | | 0.3 | 0.4 | 1,200 | 1,500 | 1,700 | 300 | 500 | 5,000 |
| | | | 0.4 | 800 | 1,300 | 1,600 | 300 | 600 | 6,000 |
| | | 0.4 | 0.5 | 1,300 | 1,600 | 1,800 | 300 | 600 | 6,000 |
| | 110 | 0.2 | 0.2 | 800 | 1,200 | 1,500 | 400 | 550 | 5,000 |
| | | | 0.3 | 1,000 | 1,500 | 1,800 | 400 | 650 | 6,000 |
| | | 0.3 | 0.4 | 1,500 | 1,900 | 2,200 | 400 | 650 | 6,000 |
| | | | 0.4 | 1,100 | 1,600 | 1,900 | 400 | 750 | 7,000 |
| | | 0.4 | 0.5 | 1,600 | 2,000 | 2,300 | 400 | 750 | 7,000 |
| | 180 | 0.2 | 0.2 | 900 | 1,400 | 1,800 | 400 | 600 | 6,000 |
| | | | 0.3 | 1,200 | 1,800 | 2,100 | 400 | 700 | 7,000 |
| | | 0.3 | 0.4 | 2,000 | 2,400 | 2,600 | 400 | 700 | 7,000 |
| | | | 0.4 | 1,300 | 1,800 | 2,200 | 400 | 800 | 8,000 |
| | | 0.4 | 0.5 | 2,000 | 2,500 | 2,800 | 400 | 800 | 8,000 |
| | 230 | 0.2 | 0.2 | 1,000 | 1,600 | 2,000 | 400 | 600 | 6,000 |
| | | | 0.3 | 1,500 | 2,100 | 2,500 | 400 | 700 | 7,000 |
| | | 0.3 | 0.4 | 2,200 | 2,800 | 3,200 | 400 | 700 | 7,000 |
| | | | 0.4 | 1,500 | 2,100 | 2,600 | 400 | 800 | 8,000 |
| | | 0.4 | 0.5 | 2,200 | 2,800 | 3,300 | 400 | 800 | 8,000 |

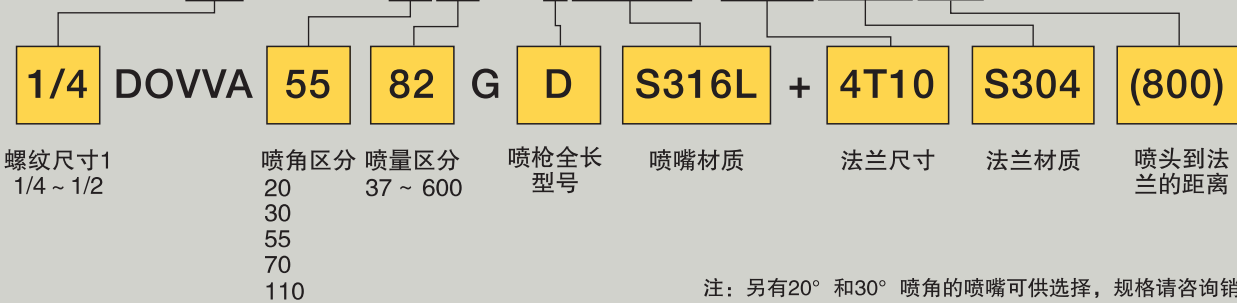
注：1) 上述为净水喷雾时的数据
2) 无风状态下测定

构成及洽谈要领

型号请参阅图表并以下列方式表示。

<例>

1/4DOVVA5582G DS316L+4T10S304(L2)



注：另有20°和30°喷雾角的喷嘴可供选择，规格请咨询销售。