

SECCIÓN C – BOQUILLAS DE ASPERSIÓN PLANA

C

BOQUILLAS DE
ASPERSIÓN PLANA

RESUMEN

Nuestras boquillas de aspersión plana están disponibles en varios estilos.

Boquillas Estándar: Boquillas roscadas tradicionales fabricadas en metal, polipropileno y Kynar®.

Boquillas de Conexión Rápida: Consisten en un cuerpo de boquilla y una punta de aspersión, las boquillas de conexión rápida pueden reducir el tiempo de mantenimiento y bajar los costos. Las puntas de aspersión se pueden remover para su limpieza y/o reemplazo mientras el cuerpo permanece en la tubería o en el cabezal. Ofrecemos dos líneas de boquillas de conexión rápida:

• **Boquillas Quick VeeJet®:**

- Con un cuarto de giro de la mano remueva la punta sin necesidad de utilizar herramientas.
- Un sello que permanece fijo en la punta para evitar que se coloque de manera equivocada.
- Disponibles en metal, ProMax® (un grado reforzado de polipropileno acoplado químicamente), y material Kynar (Ver Sección K, Boquillas de Aspersión para Aplicaciones Especiales).

• **Boquillas UniJet®:**

- Simplemente quite la tuerca retenedora y remueva la punta de aspersión con la mano. Después, instale la nueva punta y coloque la tuerca apretándola para asegurar la punta en su lugar.
- Disponibles en metal.

Muchas de nuestras boquillas están disponibles en versión de conexión rápida. Busque las designaciones Quick VeeJet, Quick FloodJet®, Quick FlatJet®, Quick WashJet® y UniJet en las próximas páginas. Estas boquillas están disponibles con una gran variedad de cuerpos, opciones de montaje, adaptadores, tapones, filtros, válvulas check, platos, conexiones y más. Vea la Sección L de Accesorios para mayor información.

QuickJet®



Cuerpo Hembra



Cuerpo macho



Punta de aspersión con sello

UniJet



Cuerpo hembra para alta presión



Empaque



Filtro



Empaque de punta de aspersión



Punta de Aspersión



Tuerca retenedora para alta presión



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BOQUILLAS DE ASPERSIÓN PLANA

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BOQUILLAS DE ASPERSIÓN PLANA

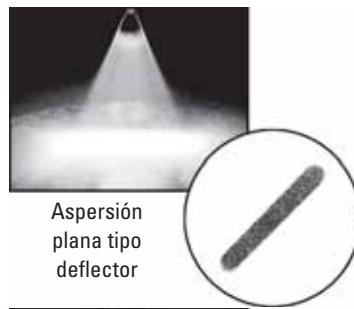
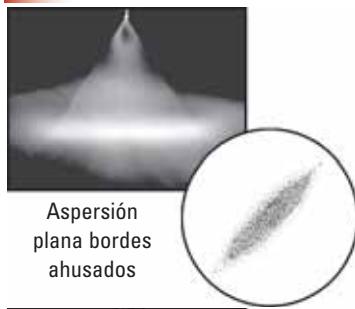
CONSEJOS DE OPTIMIZACIÓN

- Reduzca costos de operación y tiempos de mantenimiento utilizando boquillas de conexión rápida. Los cuerpos permanecen en la tubería – únicamente se reemplazan las puntas.
- Utilice filtros para reducir el taponamiento en las boquillas y asegurar un desempeño óptimo.
- Utilice conectores de bola ajustables para una orientación rápida y precisa de las boquillas.
- Evalúe su aplicación de aspersión e implemente un plan de mantenimiento a las boquillas.

Aspectos esenciales del mantenimiento:

- Inspección visual del patrón de aspersión. En boquillas de aspersión plana, el desgaste de la boquilla causa rayas o flujos más gruesos en el centro del patrón de aspersión. Una disminución en la efectividad de la cobertura del ángulo de aspersión también es típico del deterioro del orificio.
- Monitoree el gasto y la presión para detectar cambios provocados por el desgaste del orificio o la vena.
- Asegúrese de utilizar el mejor tipo de boquilla de aspersión plana para su aplicación.
- Las boquillas de aspersión plana de bordes ahusados fueron diseñadas para utilizarse en cabezales o manifolds. Estas boquillas proporcionan una distribución uniforme y pareja a lo largo del área de impacto como resultado del traslape.
- Las boquillas de aspersión de bordes rectos producen un patrón rectangular delgado que ofrece una cobertura uniforme. Cuando se utilizan en cabezales, las boquillas se colocan de forma que haya contacto entre los bordes de los patrones de aspersión. Las boquillas son utilizadas principalmente en aplicaciones de alto impacto.
- Las boquillas de aspersión plana tipo deflector producen un patrón de aspersión de bordes rectos con gotas medianas. El patrón de aspersión se forma al chocar el flujo del líquido con una superficie deflectora después de salir por un orificio redondo.
- Las boquillas de aspersión plana de 0° producen un chorro sólido. Estas boquillas proporcionan el mayor impacto por unidad de área.

Inspección del Patrón de Aspersión



Boquilla ProMax® Miniatura Quick VeeJet® con Puntas Reemplazables



Cuerpo de boquilla QPPM



Filtro opcional en Kynar para punta



O-ring externo opcional (CP7717-2/13-VI)



Punta de Aspersión

Filtros



Filtro en Kynar para punta



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BOQUILLAS DE
ASPERSIÓN PLANA

CARACTERÍSTICAS Y BENEFICIOS

- El patrón de aspersión plano distribuye el líquido en forma de cortina o abanico.
- Gotas de pequeñas a medianas.
- Distribución uniforme en una amplia gama de capacidades y presiones.
- Ángulos de aspersión desde 0° (chorro sólido) hasta 110° a 40 psi (2.8 bar).
- Diseño especial de bordes ahusados ideal para aplicaciones con cabezales y manifolds.
- Chorro sólido de alto impacto que proporciona el mayor impacto por unidad de área.
- Pasos internos sin obstrucciones para minimizar taponamientos.

H-DT



Abajo de 1 gpm (3.9 l/min) a
40 psi (2.8 bar)
1/8" a 1/4" NPT o BSPT (H)

H-DU



1 gpm (3.9 l/min) o mayor a
40 psi (2.8 bar)
1/8" a 1/4" NPT o BSPT (H)

H-U



1 gpm (3.9 l/min) o mayor a
40 psi (2.8 bar)
1/8" a 3/4" NPT o BSPT (M)

H-VV



Abajo de 1 gpm (3.9 l/min) a
40 psi (2.8 bar)
1/8" a 1/4" NPT o BSPT (M)

H-VVL



Filtro integrado
1/8" a 1/4" NPT o BSPT (M)

U



40 gpm (152 l/min) o mayor a
40 psi (2.8 bar)
1" a 2" NPT o BSPT (M)

CONSEJOS DE OPTIMIZACIÓN



- Ver página C2 para consejos de optimización.

APLICACIONES



- Lavado de aire
- Enfriamiento y extinción
- Control de polvos
- Supresión/prevención de incendios
- Lavado de gases
- Lavadores de licor
- Depuradores
- Lavado/enjuague
- Enfriamiento de agua

VER TAMBién

- Accesorios
 - Conectores de bola ajustables
 - Válvulas check
 - Estabilizadores de chorro para reducir la turbulencia
 - Manómetros
 - Válvulas de alivio de presión
 - Puntas robóticas para aplicaciones de alta precisión
 - Para resistencia a los químicos y a la corrosión, vea boquillas VeeJet en Kynar®
- Conectores split-eyelet
- Filtros para H1/8VV (ordenar filtro 12686) y H1/4VV (ordenar filtro 12687)
- Filtros para otras boquillas VeeJet
- Conectores giratorios

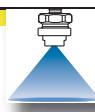


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DATOS DE DESEMPEÑO

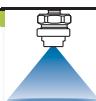
Boquillas de Aspersión Plana

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Tipo de Boquilla/ Conexión Entrada (pulg.) | | | | | | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | | | Ángulo de Aspersión (°)* | | | | |
|-----------------------------|---|-----|-------|-----|------|-----|--------|-------------------------------------|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|--------------------------|-----|-----|--|--|
| | H-VV | | H-VVL | | H-DT | | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 | | |
| | 1/8 | 1/4 | 1/8 | 1/4 | 1/8 | 1/4 | | | | | | | | | | | | | | | | | | | |
| 110° | ● | ● | ● | ● | | | 01 | .66 | .14 | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 94 | 110 | 121 | 124 | | |
| | ● | ● | ● | ● | ● | | 015 | .81 | .22 | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 97 | 110 | 121 | 124 | | |
| | ● | ● | ● | ● | ● | ● | 02 | .89 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 98 | 110 | 120 | 123 | | |
| | ● | ● | ● | ● | ● | ● | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 99 | 110 | 120 | 123 | | |
| | ● | ● | ● | ● | ● | ● | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 100 | 110 | 119 | 122 | | |
| | ● | ● | ● | ● | ● | ● | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 100 | 110 | 118 | 122 | | |
| | ● | ● | ● | ● | ● | ● | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 101 | 110 | 117 | 122 | | |
| | ● | ● | ● | ● | ● | ● | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 102 | 110 | 117 | 121 | | |
| | ● | ● | ● | ● | ● | ● | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 103 | 110 | 117 | 119 | | |
| | ● | ● | ● | ● | ● | ● | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 104 | 110 | 117 | 118 | | |
| 95° | ● | ● | ● | ● | ● | ● | 0050 | .46 | — | — | .14 | .16 | .20 | .23 | .28 | .30 | .44 | .51 | .67 | 81 | 95 | 105 | 113 | | |
| | ● | ● | ● | ● | ● | ● | 01 | .66 | .14 | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 81 | 95 | 105 | 113 | | |
| | ● | ● | ● | ● | ● | ● | 015 | .81 | .22 | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 82 | 95 | 105 | 113 | | |
| | ● | ● | ● | ● | ● | ● | 02 | .89 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 82 | 95 | 105 | 113 | | |
| | ● | ● | ● | ● | ● | ● | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 83 | 95 | 104 | 111 | | |
| | ● | ● | ● | ● | ● | ● | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 84 | 95 | 103 | 108 | | |
| | ● | ● | ● | ● | ● | ● | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 84 | 95 | 102 | 107 | | |
| | ● | ● | ● | ● | ● | ● | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 86 | 95 | 101 | 106 | | |
| | ● | ● | ● | ● | ● | ● | 065 | 1.6 | .94 | 1.2 | 1.8 | 2.1 | 2.6 | 3.0 | 3.6 | 3.9 | 5.7 | 6.6 | 8.8 | 86 | 95 | 101 | 106 | | |
| | ● | ● | ● | ● | ● | ● | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 87 | 95 | 100 | 105 | | |
| 80° | ● | ● | ● | ● | ● | ● | 0050 | .46 | — | — | .14 | .16 | .20 | .23 | .28 | .30 | .44 | .51 | .67 | 61 | 80 | 95 | 101 | | |
| | ● | ● | ● | ● | ● | ● | 0067 | .53 | — | .13 | .19 | .22 | .26 | .31 | .37 | .40 | .59 | .68 | .90 | 67 | 80 | 94 | 99 | | |
| | ● | ● | ● | ● | ● | ● | 01 | .66 | — | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 68 | 80 | 89 | 92 | | |
| | ● | ● | ● | ● | ● | ● | 015 | .81 | .22 | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 68 | 80 | 89 | 92 | | |
| | ● | ● | ● | ● | ● | ● | 02 | .89 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 69 | 80 | 88 | 91 | | |
| | ● | ● | ● | ● | ● | ● | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 70 | 80 | 87 | 90 | | |
| | ● | ● | ● | ● | ● | ● | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 71 | 80 | 86 | 89 | | |
| | ● | ● | ● | ● | ● | ● | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 71 | 80 | 86 | 89 | | |
| | ● | ● | ● | ● | ● | ● | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 72 | 80 | 85 | 88 | | |
| | ● | ● | ● | ● | ● | ● | 07 | 1.7 | 1.0 | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 72 | 80 | 85 | 88 | | |
| 73° | ● | ● | ● | ● | ● | ● | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 72 | 80 | 84 | 87 | | |
| | ● | ● | ● | ● | ● | ● | 09 | 1.9 | 1.3 | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 73 | 80 | 84 | 87 | | |
| | ● | ● | ● | ● | ● | ● | 0077 | .58 | — | .15 | .21 | .25 | .30 | .35 | .43 | .46 | .68 | .78 | 1.0 | 53 | 73 | 86 | 92 | | |
| | ● | ● | ● | ● | ● | ● | 0154 | .81 | .22 | .29 | .43 | .50 | .61 | .70 | .86 | .93 | 1.4 | 1.6 | 2.1 | 55 | 73 | 84 | 88 | | |
| | ● | ● | ● | ● | ● | ● | 0231 | .97 | .33 | .44 | .64 | .74 | .91 | 1.1 | 1.3 | 1.4 | 2.0 | 2.4 | 3.1 | 56 | 73 | 83 | 87 | | |
| | ● | ● | ● | ● | ● | ● | 0308 | 1.2 | .44 | .59 | .86 | .99 | 1.2 | 1.4 | 1.7 | 1.9 | 2.7 | 3.1 | 4.2 | 58 | 73 | 82 | 86 | | |
| | ● | ● | ● | ● | ● | ● | 0462 | 1.4 | .67 | .88 | 1.3 | 1.5 | 1.8 | 2.1 | 2.6 | 2.8 | 4.1 | 4.7 | 6.2 | 60 | 73 | 80 | 84 | | |
| | ● | ● | ● | ● | ● | ● | 0770 | 1.8 | 1.1 | 1.5 | 2.1 | 2.5 | 3.0 | 3.5 | 4.3 | 4.6 | 6.8 | 7.8 | 10.4 | 64 | 73 | 77 | 82 | | |



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Boquillas **VeeJet®** ASPERSIÓN ESTÁNDAR



DATOS DE DESEMPEÑO

*A la presión indicada en bar.

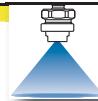
| Ángulo de Aspersión a 3 bar | Tipo de Boquilla/ Conexión Entrada (pulg.) | | | | | | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | | | Ángulo de Aspersión (°)* | | | | |
|-----------------------------|---|-----|-------|-----|------|-----|--------|-------------------------------------|-----------------------------------|-----|------|------|------|------|------|-----|-----|-----|------|-----|--------------------------|----|----|--|--|
| | H-VV | | H-VVL | | H-DT | | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 | | |
| | 1/8 | 1/4 | 1/8 | 1/4 | 1/8 | 1/4 | | | | | | | | | | | | | | | | | | | |
| 65° | ● | ● | | | | | 0017 | .28 | — | — | .047 | .055 | .067 | .078 | .095 | .10 | .15 | .17 | .23 | 44 | 65 | 77 | 86 | | |
| | ● | | ● | | | | 0033 | .38 | — | — | .092 | .11 | .13 | .15 | .18 | .20 | .29 | .34 | .45 | 47 | 65 | 76 | 83 | | |
| | ● | ● | ● | ● | ● | ● | 0067 | .53 | — | .13 | .19 | .22 | .26 | .31 | .37 | .40 | .59 | .68 | .90 | 50 | 65 | 75 | 81 | | |
| | ● | ● | ● | ● | ● | ● | 01 | .66 | — | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 51 | 65 | 74 | 80 | | |
| | ● | ● | ● | ● | ● | ● | 015 | .81 | — | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 51 | 65 | 74 | 80 | | |
| | ● | ● | ● | ● | ● | ● | 02 | .89 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 52 | 65 | 73 | 79 | | |
| | ● | ● | ● | ● | ● | ● | 025 | .99 | .36 | .48 | .70 | .81 | .99 | 1.1 | 1.4 | 1.5 | 2.2 | 2.5 | 3.4 | 52 | 65 | 73 | 79 | | |
| | ● | ● | ● | ● | ● | ● | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 53 | 65 | 72 | 78 | | |
| | ● | ● | ● | ● | ● | ● | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 53 | 65 | 72 | 76 | | |
| | ● | ● | ● | ● | ● | ● | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 53 | 65 | 72 | 76 | | |
| | ● | ● | | | ● | ● | 055 | 1.5 | .79 | 1.0 | 1.5 | 1.8 | 2.2 | 2.5 | 3.1 | 3.3 | 4.9 | 5.6 | 7.4 | 53 | 65 | 72 | 76 | | |
| | ● | ● | | | ● | ● | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 54 | 65 | 72 | 75 | | |
| | ● | ● | | | ● | ● | 07 | 1.7 | 1.0 | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 54 | 65 | 71 | 75 | | |
| | ● | ● | ● | ● | ● | ● | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 55 | 65 | 71 | 74 | | |
| | ● | ● | | | ● | ● | 09 | 1.9 | 1.3 | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 55 | 65 | 71 | 74 | | |
| 50° | ● | ● | ● | ● | | | 01 | .66 | — | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 37 | 50 | 59 | 65 | | |
| | ● | ● | ● | ● | | | 02 | .89 | — | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 39 | 50 | 57 | 63 | | |
| | ● | ● | ● | ● | | ● | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 40 | 50 | 56 | 62 | | |
| | ● | ● | ● | ● | | ● | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 42 | 50 | 56 | 61 | | |
| | ● | ● | ● | ● | | ● | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 44 | 50 | 56 | 61 | | |
| | ● | ● | | | | ● | 055 | 1.5 | .79 | 1.0 | 1.5 | 1.8 | 2.2 | 2.5 | 3.1 | 3.3 | 4.9 | 5.6 | 7.4 | 44 | 50 | 56 | 61 | | |
| | ● | ● | | | | ● | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 45 | 50 | 56 | 60 | | |
| | ● | ● | | | | ● | 07 | 1.7 | 1.0 | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 45 | 50 | 56 | 60 | | |
| | ● | ● | ● | ● | | ● | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 45 | 50 | 55 | 60 | | |
| | ● | ● | | | | ● | 09 | 1.9 | 1.3 | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 45 | 50 | 55 | 59 | | |
| 40° | ● | ● | ● | ● | ● | ● | 01 | .66 | — | — | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 26 | 40 | 52 | 59 | | |
| | ● | ● | ● | ● | ● | ● | 015 | .81 | — | — | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 27 | 40 | 52 | 59 | | |
| | ● | ● | ● | ● | ● | ● | 02 | .89 | — | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 29 | 40 | 51 | 58 | | |
| | ● | ● | ● | ● | ● | ● | 03 | 1.1 | — | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 30 | 40 | 50 | 57 | | |
| | ● | ● | ● | ● | ● | ● | 04 | 1.3 | — | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 30 | 40 | 50 | 56 | | |
| | ● | ● | ● | ● | ● | ● | 05 | 1.4 | — | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 31 | 40 | 49 | 55 | | |
| | ● | ● | ● | ● | ● | ● | 055 | 1.5 | — | 1.0 | 1.5 | 1.8 | 2.2 | 2.5 | 3.1 | 3.3 | 4.9 | 5.6 | 7.4 | 31 | 40 | 49 | 55 | | |
| | ● | ● | ● | ● | ● | ● | 06 | 1.5 | — | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 31 | 40 | 49 | 55 | | |
| | ● | ● | | | ● | ● | 065 | 1.6 | — | 1.2 | 1.8 | 2.1 | 2.6 | 3.0 | 3.6 | 3.9 | 5.7 | 6.6 | 8.8 | 31 | 40 | 48 | 54 | | |
| | ● | ● | | | ● | ● | 07 | 1.7 | — | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 31 | 40 | 48 | 54 | | |
| | ● | ● | ● | ● | ● | ● | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 31 | 40 | 47 | 53 | | |
| | ● | ● | | | | ● | 085 | 1.8 | 1.2 | 1.6 | 2.4 | 2.7 | 3.4 | 3.9 | 4.7 | 5.1 | 7.5 | 8.7 | 11.5 | 32 | 40 | 46 | 50 | | |
| | ● | ● | | | | ● | 09 | 1.9 | 1.3 | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 32 | 40 | 46 | 50 | | |





C

BOQUILLAS *VeeJet®* ASPERSIÓN ESTÁNDAR

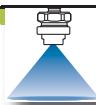


DATOS DE DESEMPEÑO

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Tipo de Boquilla/ Conexión Entrada (pulg.) | | | | | | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | | | Ángulo de Aspersión (°)* | | | | |
|-----------------------------|---|-----|-------|-----|------|-----|--------|-------------------------------------|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|--------------------------|----|----|--|--|
| | H-VV | | H-VVL | | H-DT | | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 | | |
| | 1/8 | 1/4 | 1/8 | 1/4 | 1/8 | 1/4 | | | | | | | | | | | | | | | | | | | |
| 25° | ● | ● | ● | ● | ● | ● | 01 | .66 | — | — | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 14 | 25 | 34 | 42 | | |
| | ● | ● | ● | ● | ● | ● | 02 | .89 | — | — | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 15 | 25 | 33 | 40 | | |
| | ● | ● | ● | ● | ● | ● | 03 | 1.1 | — | — | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 15 | 25 | 33 | 40 | | |
| | ● | ● | ● | ● | ● | ● | 04 | 1.3 | — | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 16 | 25 | 32 | 39 | | |
| | ● | ● | ● | ● | ● | ● | 045 | 1.3 | — | .86 | 1.3 | 1.5 | 1.8 | 2.1 | 2.5 | 2.7 | 4.0 | 4.6 | 6.1 | 16 | 25 | 32 | 39 | | |
| | ● | ● | ● | ● | ● | ● | 05 | 1.4 | — | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 16 | 25 | 32 | 39 | | |
| | ● | ● | ● | ● | ● | ● | 055 | 1.5 | — | 1.0 | 1.5 | 1.8 | 2.2 | 2.5 | 3.1 | 3.3 | 4.9 | 5.6 | 7.4 | 16 | 25 | 31 | 38 | | |
| | ● | ● | ● | ● | ● | ● | 06 | 1.5 | — | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 17 | 25 | 31 | 38 | | |
| | ● | ● | ● | ● | ● | ● | 065 | 1.6 | — | 1.2 | 1.8 | 2.1 | 2.6 | 3.0 | 3.6 | 3.9 | 5.7 | 6.6 | 8.8 | 17 | 25 | 31 | 38 | | |
| | ● | ● | ● | ● | ● | ● | 07 | 1.7 | — | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 17 | 25 | 31 | 38 | | |
| | ● | ● | ● | ● | ● | ● | 075 | 1.7 | — | 1.4 | 2.1 | 2.4 | 3.0 | 3.4 | 4.2 | 4.5 | 6.6 | 7.6 | 10.1 | 17 | 25 | 31 | 38 | | |
| | ● | ● | ● | ● | ● | ● | 08 | 1.8 | — | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 17 | 25 | 31 | 38 | | |
| | ● | ● | ● | ● | ● | ● | 085 | 1.8 | — | 1.6 | 2.4 | 2.7 | 3.4 | 3.9 | 4.7 | 5.1 | 7.5 | 8.7 | 11.5 | 18 | 25 | 31 | 37 | | |
| | ● | ● | ● | ● | ● | ● | 09 | 1.9 | — | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 17 | 25 | 31 | 37 | | |
| | ● | ● | ● | ● | ● | ● | 15 | 2.4 | — | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 18 | 25 | 31 | 37 | | |
| 15° | ● | ● | ● | ● | ● | ● | 01 | .66 | — | — | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | — | 15 | 24 | 28 | | |
| | ● | ● | ● | ● | ● | ● | 02 | .89 | — | — | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 6 | 15 | 22 | 27 | | |
| | ● | ● | ● | ● | ● | ● | 03 | 1.1 | — | — | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 6 | 15 | 22 | 27 | | |
| | ● | ● | ● | ● | ● | ● | 04 | 1.3 | — | — | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 7 | 15 | 21 | 26 | | |
| | ● | ● | ● | ● | ● | ● | 05 | 1.4 | — | — | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 7 | 15 | 21 | 26 | | |
| | ● | ● | ● | ● | ● | ● | 055 | 1.5 | — | 1.0 | 1.5 | 1.8 | 2.2 | 2.5 | 3.1 | 3.3 | 4.9 | 5.6 | 7.4 | 7 | 15 | 21 | 26 | | |
| | ● | ● | ● | ● | ● | ● | 06 | 1.5 | — | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 8 | 15 | 21 | 26 | | |
| | ● | ● | ● | ● | ● | ● | 065 | 1.6 | — | 1.2 | 1.8 | 2.1 | 2.6 | 3.0 | 3.6 | 3.9 | 5.7 | 6.6 | 8.8 | 8 | 15 | 20 | 25 | | |
| | ● | ● | ● | ● | ● | ● | 07 | 1.7 | — | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 8 | 15 | 20 | 25 | | |
| | ● | ● | ● | ● | ● | ● | 08 | 1.8 | — | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 9 | 15 | 20 | 25 | | |
| | ● | ● | ● | ● | ● | ● | 085 | 1.8 | — | 1.6 | 2.4 | 2.7 | 3.4 | 3.9 | 4.7 | 5.1 | 7.5 | 8.7 | 11.5 | 9 | 15 | 19 | 24 | | |
| | ● | ● | ● | ● | ● | ● | 09 | 1.9 | — | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 9 | 15 | 19 | 24 | | |





Boquillas **VeeJet®** ASPERSIÓN ESTÁNDAR



DATOS DE DESEMPEÑO

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Tipo de Boquilla/ Conexión Entrada (pulg.) | | | | | | | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | | | Ángulo de Aspersión (°)* | | | |
|-----------------------------|---|-----|-----|------|-----|-----|-----|--------|-------------------------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|-----|--------------------------|-----|-----|--|
| | H-U | | | H-DU | | U | | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 | |
| | 1/8 | 1/4 | 3/8 | 1/2 | 3/4 | 1/8 | 1/4 | 1 | 1-1/4 | 2 | | | | | | | | | | | | | | | |
| 110° | | | | | | | | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 105 | 110 | 117 | 118 | |
| 95° | ● | ● | ● | ● | ● | ● | ● | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 89 | 95 | 100 | 105 | |
| | ● | ● | ● | ● | ● | ● | ● | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 90 | 95 | 100 | 105 | |
| | ● | ● | ● | ● | ● | ● | ● | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 90 | 95 | 100 | 105 | |
| | ● | ● | ● | ● | ● | ● | ● | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 91 | 95 | 101 | 105 | |
| | ● | ● | ● | ● | ● | ● | ● | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 92 | 95 | 100 | 105 | |
| | ● | ● | ● | ● | ● | ● | ● | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 93 | 95 | 99 | 103 | |
| | ● | ● | ● | ● | ● | ● | ● | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 93 | 95 | 99 | 103 | |
| | ● | ● | ● | ● | ● | ● | ● | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 93 | 95 | 99 | 103 | |
| | ● | ● | ● | ● | ● | ● | ● | 80 | 5.5 | 11.5 | 15.3 | 22 | 26 | 32 | 36 | 45 | 48 | 71 | 82 | 108 | 93 | 95 | 99 | 102 | |
| | ● | ● | ● | ● | ● | ● | ● | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | 88 | 102 | 135 | 93 | 95 | 99 | 102 | |
| | ● | ● | ● | ● | ● | ● | ● | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | 132 | 153 | 202 | 93 | 95 | 99 | 102 | |
| | ● | ● | ● | ● | ● | ● | ● | 400 | 12.0 | 58 | 76 | 112 | 129 | 158 | 182 | 223 | 241 | 353 | 408 | 539 | 93 | 95 | 99 | 102 | |
| 80° | ● | ● | ● | ● | ● | ● | ● | 015 | .81 | .22 | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 68 | 80 | 89 | 92 | |
| | ● | ● | ● | ● | ● | ● | ● | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 73 | 80 | 84 | 87 | |
| | ● | ● | ● | ● | ● | ● | ● | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 74 | 80 | 83 | 86 | |
| | ● | ● | ● | ● | ● | ● | ● | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 74 | 80 | 83 | 86 | |
| | ● | ● | ● | ● | ● | ● | ● | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 74 | 80 | 83 | 86 | |
| | ● | ● | ● | ● | ● | ● | ● | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 74 | 80 | 83 | 86 | |
| | ● | ● | ● | ● | ● | ● | ● | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 74 | 80 | 83 | 85 | |
| | ● | ● | ● | ● | ● | ● | ● | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 75 | 80 | 83 | 85 | |
| | ● | ● | ● | ● | ● | ● | ● | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 75 | 80 | 83 | 86 | |
| | ● | ● | ● | ● | ● | ● | ● | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | 88 | 102 | 135 | 75 | 80 | 83 | 86 | |
| | ● | ● | ● | ● | ● | ● | ● | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | 132 | 153 | 202 | 73 | 80 | 84 | 86 | |
| | ● | ● | ● | ● | ● | ● | ● | 200 | 8.7 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | 177 | 204 | 270 | 74 | 80 | 82 | 85 | |
| | ● | ● | ● | ● | ● | ● | ● | 400 | 12.0 | 58 | 76 | 112 | 129 | 158 | 182 | 223 | 241 | 353 | 408 | 539 | 78 | 80 | 81 | 83 | |
| | ● | ● | ● | ● | ● | ● | ● | 500 | 13.4 | 72 | 95 | 140 | 161 | 197 | 228 | 279 | 302 | 441 | 510 | 674 | 78 | 80 | 81 | 83 | |
| | ● | ● | ● | ● | ● | ● | ● | 580 | 14.5 | 84 | 111 | 162 | 187 | 229 | 264 | 324 | 350 | 512 | 591 | 782 | 78 | 80 | 81 | 83 | |
| 65° | ● | ● | ● | ● | ● | ● | ● | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 56 | 65 | 71 | 74 | |
| | ● | ● | ● | ● | ● | ● | ● | 12 | 2.1 | 1.7 | 2.3 | 3.4 | 3.9 | 4.7 | 5.5 | 6.7 | 7.2 | 10.6 | 12.2 | 16.2 | 56 | 65 | 71 | 73 | |
| | ● | ● | ● | ● | ● | ● | ● | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 56 | 65 | 70 | 73 | |
| | ● | ● | ● | ● | ● | ● | ● | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 57 | 65 | 70 | 73 | |
| | ● | ● | ● | ● | ● | ● | ● | 25 | 3.1 | 3.6 | 4.8 | 7.0 | 8.1 | 9.9 | 11.4 | 14.0 | 15.1 | 22 | 25 | 34 | 57 | 65 | 69 | 73 | |
| | ● | ● | ● | ● | ● | ● | ● | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 58 | 65 | 69 | 72 | |
| | ● | ● | ● | ● | ● | ● | ● | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 59 | 65 | 68 | 72 | |
| | ● | ● | ● | ● | ● | ● | ● | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 60 | 65 | 68 | 71 | |
| | ● | ● | ● | ● | ● | ● | ● | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 60 | 65 | 68 | 71 | |
| | ● | ● | ● | ● | ● | ● | ● | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 60 | 65 | 68 | 71 | |
| | ● | ● | ● | ● | ● | ● | ● | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | 88 | 102 | 135 | 58 | 65 | 69 | 70 | |
| | ● | ● | ● | ● | ● | ● | ● | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | 132 | 153 | 202 | 59 | 65 | 68 | 70 | |



Spraying Systems Co.®
Experts in Spray Technology



BOQUILLAS *VeeJet*® ASPERSIÓN ESTÁNDAR



DATOS DE DESEMPEÑO

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Tipo de Boquilla/Conexión Entrada (pulg.) | | | | | | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | | | Ángulo de Aspersión (º)* | | | |
|-----------------------------|---|-----|------|-----|-----|-----|--------|----------------------------|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------|----|----|----|
| | H-U | | H-DU | | U | | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 | |
| | 1/8 | 1/4 | 3/8 | 1/2 | 3/4 | 1/8 | 1/4 | 1 | 1-1/4 | 2 | | | | | | | | | | | | | | |
| 65° | | | ● | ● | | | | 200 | 8.7 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | 177 | 204 | 270 | 60 | 65 | 67 | 69 |
| | | | | ● | | | | 250 | 9.5 | 36 | 48 | 70 | 81 | 99 | 114 | 140 | 151 | 221 | 255 | 337 | 60 | 65 | 67 | 69 |
| | | | | ● | | | | 300 | 10.4 | 43 | 57 | 84 | 97 | 118 | 137 | 168 | 181 | 265 | 306 | 405 | 60 | 65 | 67 | 69 |
| | | | | ● | | | | 400 | 12.0 | 58 | 76 | 112 | 129 | 158 | 182 | 223 | 241 | 353 | 408 | 539 | 60 | 65 | 67 | 69 |
| | | | | | ● | ● | | 500 | 13.4 | 72 | 95 | 140 | 161 | 197 | 228 | 279 | 302 | 441 | 510 | 674 | 60 | 65 | 66 | 68 |
| | | | | | | ● | | 580 | 14.5 | 84 | 111 | 162 | 187 | 229 | 264 | 324 | 350 | 512 | 591 | 782 | 61 | 65 | 66 | 68 |
| | | | | | | | | 62 | .89 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 39 | 50 | 57 | 63 |
| | | | | | | | | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 40 | 50 | 56 | 62 |
| | | | | | | | | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 42 | 50 | 56 | 61 |
| | | | | | | | | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 44 | 50 | 56 | 61 |
| 50° | | | | | | | | 055 | 1.5 | .79 | 1.0 | 1.5 | 1.8 | 2.2 | 2.5 | 3.1 | 3.3 | 4.9 | 5.6 | 7.4 | 44 | 50 | 56 | 61 |
| | | | | | | | | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 45 | 50 | 56 | 60 |
| | | | | | | | | 07 | 1.7 | 1.0 | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 45 | 50 | 56 | 60 |
| | | | | | | | | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 45 | 50 | 55 | 60 |
| | | | ● | ● | ● | | | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 45 | 50 | 55 | 59 |
| | | | ● | ● | ● | ● | | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 45 | 50 | 55 | 59 |
| | | | ● | ● | ● | ● | | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 45 | 50 | 55 | 59 |
| | | | ● | ● | ● | ● | | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 45 | 50 | 55 | 59 |
| | | | ● | ● | ● | ● | | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 46 | 50 | 54 | 59 |
| | | | ● | ● | ● | ● | | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 46 | 50 | 54 | 59 |
| | | | ● | ● | ● | ● | | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 46 | 50 | 54 | 59 |
| | | | ● | ● | ● | ● | | 70 | 5.1 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 46 | 50 | 54 | 59 |
| | | | ● | ● | ● | ● | | 80 | 5.5 | 11.5 | 15.3 | 22 | 26 | 32 | 36 | 45 | 48 | 71 | 82 | 108 | 45 | 50 | 53 | 58 |
| | | | ● | ● | ● | ● | | 85 | 5.7 | 12.3 | 16.2 | 24 | 27 | 34 | 39 | 47 | 51 | 75 | 87 | 115 | 45 | 50 | 53 | 57 |
| | | | ● | ● | ● | ● | | 90 | 5.8 | 13.0 | 17.2 | 25 | 29 | 36 | 41 | 50 | 54 | 79 | 92 | 121 | 45 | 50 | 53 | 56 |
| | | | ● | ● | ● | ● | | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | 88 | 102 | 135 | 44 | 50 | 52 | 54 |
| | | | ● | ● | ● | ● | | 110 | 6.5 | 15.9 | 21 | 31 | 35 | 43 | 50 | 61 | 66 | 97 | 112 | 148 | 45 | 50 | 53 | 54 |
| | | | ● | ● | ● | ● | | 120 | 6.7 | 17.3 | 23 | 34 | 39 | 47 | 55 | 67 | 72 | 106 | 122 | 162 | 44 | 50 | 53 | 55 |
| | | | ● | ● | ● | ● | | 135 | 7.2 | 19.5 | 26 | 38 | 44 | 53 | 62 | 75 | 81 | 119 | 138 | 182 | 45 | 50 | 52 | 55 |
| | | | ● | ● | ● | ● | | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | 132 | 153 | 202 | 45 | 50 | 52 | 55 |
| | | | ● | ● | ● | ● | | 200 | 8.7 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | 177 | 204 | 270 | 46 | 50 | 52 | 55 |
| | | | ● | ● | ● | ● | | 250 | 9.7 | 36 | 48 | 70 | 81 | 99 | 114 | 140 | 151 | 221 | 255 | 337 | 46 | 50 | 52 | 55 |
| | | | ● | ● | ● | ● | | 400 | 12.0 | 58 | 76 | 112 | 129 | 158 | 182 | 223 | 241 | 353 | 408 | 539 | 46 | 50 | 52 | 55 |
| | | | ● | ● | ● | ● | | 500 | 13.4 | 72 | 95 | 140 | 161 | 197 | 228 | 279 | 302 | 441 | 510 | 674 | 49 | 50 | 51 | 54 |
| | | | ● | ● | ● | ● | | 580 | 14.5 | 84 | 111 | 162 | 187 | 229 | 264 | 324 | 350 | 512 | 591 | 782 | 49 | 50 | 51 | 53 |
| | | | ● | ● | ● | ● | | 750 | 16.4 | 108 | 143 | 209 | 242 | 296 | 342 | 419 | 452 | 662 | 765 | 1011 | 49 | 50 | 51 | 53 |
| | | | ● | ● | ● | ● | | 1000 | 19.0 | 144 | 191 | 279 | 322 | 395 | 456 | 558 | 603 | 883 | 1019 | 1349 | 49 | 50 | 51 | 53 |
| | | | ● | ● | ● | ● | | 1500 | 23.2 | 216 | 286 | 419 | 484 | 592 | 684 | 838 | 905 | 1324 | 1529 | 2023 | 49 | 50 | 51 | 52 |
| | | | ● | ● | ● | ● | | 2000 | 26.8 | 288 | 381 | 558 | 645 | 790 | 912 | 1117 | 1206 | 1766 | 2039 | 2697 | 49 | 50 | 51 | 52 |



Spraying Systems Co.[®]
Experts in Spray Technology



Boquillas **VeeJet®** ASPERSIÓN ESTÁNDAR

C

DATOS DE DESEMPEÑO

*A la presión indicada en bar.

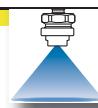
| Ángulo de Aspersión a 3 bar | Tipo de Boquilla/ Conexión Entrada (pulg.) | | | | | | | | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | | | Ángulo de Aspersión (°)* | | | | |
|-----------------------------|---|-----|-----|-----|------|------|------|------|--------|-------------------------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|-----|--------------------------|----|----|--|--|
| | H-U | | | | H-DU | | | | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 | | |
| | 1/8 | 1/4 | 3/8 | 1/2 | 3/4 | 1/8 | 1/4 | 1 | | | | | | | | | | | | | | | | | | | |
| 40° | ● | ● | ● | | | ● | ● | | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 32 | 40 | 45 | 48 | | |
| | ● | ● | ● | ● | | ● | ● | | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 32 | 40 | 45 | 48 | | |
| | ● | ● | ● | ● | | ● | ● | | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 32 | 40 | 45 | 48 | | |
| | ● | ● | ● | | | ● | ● | | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 33 | 40 | 45 | 48 | | |
| | ● | ● | ● | | | ● | ● | | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 34 | 40 | 45 | 48 | | |
| | ● | ● | ● | ● | | | ● | | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 35 | 40 | 45 | 48 | | |
| | | ● | ● | ● | | | ● | | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 35 | 40 | 45 | 48 | | |
| | | ● | ● | ● | | | ● | | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 35 | 40 | 45 | 48 | | |
| | | ● | ● | | | | ● | | 80 | 5.5 | 11.5 | 15.3 | 22 | 26 | 32 | 36 | 45 | 48 | 71 | 82 | 108 | 35 | 40 | 44 | 47 | | |
| | | ● | ● | ● | | | | | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | 88 | 102 | 135 | 34 | 40 | 43 | 46 | | |
| | | ● | ● | ● | | | | | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | 132 | 153 | 202 | 35 | 40 | 43 | 44 | | |
| | | ● | ● | | | | | | 200 | 8.7 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | 177 | 204 | 270 | 36 | 40 | 42 | 44 | | |
| | | ● | ● | | | | | | 500 | 13.4 | 72 | 95 | 140 | 161 | 197 | 228 | 279 | 302 | 441 | 510 | 674 | 38 | 40 | 41 | 45 | | |
| 25° | ● | ● | | | ● | ● | | | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 18 | 25 | 31 | 37 | | |
| | ● | ● | ● | | | ● | ● | | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 18 | 25 | 31 | 37 | | |
| | ● | ● | ● | | | ● | ● | | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 19 | 25 | 31 | 37 | | |
| | ● | ● | ● | | | ● | ● | | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 20 | 25 | 30 | 36 | | |
| | ● | ● | ● | | | ● | ● | | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 21 | 25 | 29 | 35 | | |
| | ● | ● | ● | | | | ● | | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 21 | 25 | 29 | 35 | | |
| | ● | ● | ● | | | | ● | | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 22 | 25 | 29 | 35 | | |
| | ● | ● | ● | | | | ● | | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 22 | 25 | 29 | 35 | | |
| | | ● | ● | | | | ● | | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | 88 | 102 | 135 | 23 | 25 | 28 | 32 | | |
| | | ● | ● | | | | ● | | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | 132 | 153 | 202 | 24 | 25 | 28 | 30 | | |
| | | ● | ● | | | | ● | | 200 | 8.7 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | 177 | 204 | 270 | 24 | 25 | 26 | 29 | | |
| | | ● | ● | | | | ● | | 500 | 13.4 | 72 | 95 | 140 | 161 | 197 | 228 | 279 | 302 | 441 | 510 | 674 | 24 | 25 | 26 | 29 | | |
| 15° | ● | ● | | | | 01 | .66 | .14 | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | — | 15 | 24 | 28 | | | | | |
| | ● | ● | ● | | | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 10 | 15 | 19 | 24 | | | | | |
| | ● | ● | ● | | | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 10 | 15 | 19 | 24 | | | | | |
| | ● | ● | ● | | | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 10 | 15 | 19 | 23 | | | | | |
| | ● | ● | ● | | | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 10 | 15 | 19 | 21 | | | | | |
| | ● | ● | ● | | | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 10 | 15 | 18 | 21 | | | | | |
| | ● | ● | ● | | | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 11 | 15 | 18 | 21 | | | | | |
| | ● | ● | ● | | | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 11 | 15 | 18 | 21 | | | | | |
| | ● | ● | ● | | | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 11 | 15 | 18 | 21 | | | | | |
| | | ● | ● | | | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | 88 | 102 | 135 | 13 | 15 | 17 | 18 | | | | | |
| | | ● | ● | | | 120 | 6.7 | 17.3 | 23 | 34 | 39 | 47 | 55 | 67 | 72 | 106 | 122 | 162 | 13 | 15 | 17 | 18 | | | | | |
| | | ● | ● | | | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | 132 | 153 | 202 | 14 | 15 | 17 | 18 | | | | | |
| | | ● | ● | | | 200 | 8.7 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | 177 | 204 | 270 | 14 | 15 | 17 | 18 | | | | | |
| | | ● | ● | | | 500 | 13.4 | 72 | 95 | 140 | 161 | 197 | 228 | 279 | 302 | 441 | 510 | 674 | 14 | 15 | 16 | 17 | | | | | |
| | | ● | ● | | | 1000 | 19.0 | 144 | 191 | 279 | 322 | 395 | 456 | 558 | 603 | 883 | 1019 | 1349 | 14 | 15 | 16 | 17 | | | | | |





C

Boquillas *VeeJet®* ASPERSIÓN ESTÁNDAR



Boquillas de Aspersión Plana

DATOS DE DESEMPEÑO

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Tipo de Boquilla/ Conexión Entrada (pulg.) | | | | | | | | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | Ángulo de Aspersión (°)* | | | | | | |
|-----------------------------|---|-----|-----|-----|------|-----|-----|---|--------|-------------------------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|--------------------------|------|---|---|----|--|--|
| | H-U | | | | H-DU | | U | | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 | | |
| | 1/8 | 1/4 | 3/8 | 1/2 | 3/4 | 1/8 | 1/4 | 1 | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 | | |
| 0° | ● ● | | | | | ● | | | 03 | 1.2 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | | | | | | |
| | ● ● | | | | | ● ● | | | 04 | 1.4 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | | | | | | |
| | ● ● | | | | | ● ● | | | 05 | 1.6 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | | | | | | |
| | ● ● | | | | | ● ● | | | 055 | 1.7 | .79 | 1.0 | 1.5 | 1.8 | 2.2 | 2.5 | 3.1 | 3.3 | 4.9 | 5.6 | 7.4 | | | | | | |
| | ● ● | | | | | ● ● | | | 06 | 1.7 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | | | | | | |
| | ● ● | | | | | ● ● | | | 065 | 1.8 | .94 | 1.2 | 1.8 | 2.1 | 2.6 | 3.0 | 3.6 | 3.9 | 5.7 | 6.6 | 8.8 | | | | | | |
| | | ● | | | | ● ● | | | 07 | 1.9 | 1.0 | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | | | | | | |
| | ● ● | | | | | ● ● | | | 08 | 2.0 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | | | | | | |
| | | | | | | | | | 085 | 2.0 | 1.2 | 1.6 | 2.4 | 2.7 | 3.4 | 3.9 | 4.7 | 5.1 | 7.5 | 8.7 | 11.5 | | | | | | |
| | ● ● | | | | | ● ● | | | 09 | 2.1 | 1.3 | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | | | | | | |
| | ● ● | | | | | ● ● | | | 10 | 2.2 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | | | | | | |
| | | | | | | ● | | | 12 | 2.4 | 1.7 | 2.3 | 3.4 | 3.9 | 4.7 | 5.5 | 6.7 | 7.2 | 10.6 | 12.2 | 16.2 | | | | | | |
| | ● ● | | | | | ● ● | | | 15 | 2.7 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | | | | | | |
| | ● ● | | | | | ● ● | | | 20 | 3.1 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | | | | | | |
| | ● ● | | | | | ● ● | | | 30 | 3.6 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | | | | | | |
| | ● ● | | | | | ● ● | | | 40 | 4.1 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | | | | | | |
| | | | | | | ● | | | 50 | 4.2 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | | | | | | |
| | ● ● | | | | | ● | | | 60 | 4.6 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | | | | | | |
| | ● ● | | | | | ● | | | 70 | 5.0 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | | | | | | |
| | ● ● | | | | | | | | 80 | 5.3 | 11.5 | 15.3 | 22 | 26 | 32 | 36 | 45 | 48 | 71 | 82 | 108 | | | | | | |
| | | | | | | ● | | | 100 | 6.0 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | 88 | 102 | 135 | | | | | | |
| | ● ● | | | | | | | | 120 | 6.8 | 17.3 | 23 | 34 | 39 | 47 | 55 | 67 | 72 | 106 | 122 | 162 | | | | | | |
| | ● ● | ● | | | | | | | 150 | 7.3 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | 132 | 153 | 202 | | | | | | |
| | | ● | | | | | | | 165 | 7.7 | 24 | 31 | 46 | 53 | 65 | 75 | 92 | 100 | 146 | 168 | 223 | | | | | | |
| | ● ● | | | | | ● | | | 200 | 8.5 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | 177 | 204 | 270 | | | | | | |
| | ● ● | ● | | | | | | | 250 | 9.5 | 36 | 48 | 70 | 81 | 99 | 114 | 140 | 151 | 221 | 255 | 337 | | | | | | |
| | | ● | | | | ● | ● | | 350 | 11.1 | 50 | 67 | 98 | 113 | 138 | 160 | 195 | 211 | 309 | 357 | 472 | | | | | | |
| | | | | | | ● | | | 570 | 14.2 | 82 | 109 | 159 | 184 | 225 | 260 | 318 | 344 | 503 | 581 | 769 | | | | | | |
| | | | | | | | ● | | 700 | 15.7 | 101 | 133 | 195 | 226 | 276 | 319 | 391 | 422 | 618 | 714 | 944 | | | | | | |
| | | | | | | | | ● | 1000 | 18.8 | 144 | 191 | 279 | 322 | 395 | 456 | 558 | 603 | 883 | 1019 | 1349 | | | | | | |
| | | | | | | | | ● | 1100 | 19.7 | 159 | 210 | 307 | 355 | 434 | 501 | 614 | 663 | 971 | 1121 | 1483 | | | | | | |
| | | | | | | | | | 1400 | 22.2 | 202 | 267 | 391 | 451 | 553 | 638 | 782 | 844 | 1236 | 1427 | 1888 | | | | | | |
| | | | | | | | | | 1800 | 25.2 | 259 | 343 | 503 | 580 | 711 | 821 | 1005 | 1086 | 1589 | 1835 | 2427 | | | | | | |
| | | | | | | | | | ● | 2000 | 26.5 | 288 | 381 | 558 | 645 | 790 | 912 | 1117 | 1206 | 1766 | 2039 | 2697 | | | | | |
| | | | | | | | | | ● | 3500 | 35.1 | 505 | 667 | 977 | 1128 | 1382 | 1596 | 1954 | 2111 | 3090 | 3568 | 4720 | | | | | |

0 Chorro Sólido



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Boquillas **VeeJet®** ASPERSIÓN ESTÁNDAR

C

DIMENSIONES Y PESOS

| Estándar | Tipo de Boquilla | Conexión Entrada (pulg.) | Longitud (mm) | Hex. (mm) | Peso Neto (kg) |
|----------|------------------|--------------------------|---------------|------------|----------------|
| | H-VV (M) | 1/8 | 22 | 12.7 | .03 |
| | | 1/4 | 23 | 14.3 | .02 |
| | H-VVL (M) | 1/8 | 36 | 12.7 | .02 |
| | | 1/4 | 38 | 14.3 | .03 |
| | H-DT (H) | 1/8 | 19.1 | 12.7 | .03 |
| | | 1/4 | 19.8 | 15.9 | .04 |
| | H-U (M) | 1/8 | 22 | 12.7 | .03 |
| | | 1/4 | 25 | 14.3 | .02 |
| | | 3/8 | 32 | 17.5 | .04 |
| | | 1/2 | 38 | 22.2 | .06 |
| | | 3/4 | 51 | 27 | .14 |
| | H-DU (H) | 1/8 | 28.6 | 12.7 | .04 |
| | | 1/4 | 31.8 | 15.9 | .06 |
| | U (M) | 1 | 64 | 33.3 diam. | .26 |
| | | 1-1/4 | 95 | 42.9 diam. | .57 |
| | | 2 | 127 | 60.3 diam. | 1.9 |

Basados en la versión más grande y más pesada de cada tipo.

MATERIALES

| Material | Código de Material | Tipo de Boquilla | | | | | |
|-----------------------|--------------------|------------------|-------|------|-----|------|---|
| | | H-VV | H-VVL | H-DT | H-U | H-DU | U |
| Bronce | (sin código) | ● | ● | ● | ● | ● | ● |
| Acero Dulce | I | ● | | | ● | | ● |
| Acero Inoxidable 303 | SS | ● | ● | ● | ● | ● | ● |
| Acero Inoxidable 316 | 316SS | ● | ● | | ● | | |
| Cloruro de Polivinilo | PVC | | | | ● | ● | |

Otros materiales disponibles bajo pedido.

| Guía de Selección de Malla | |
|-----------------------------|-------------------|
| Diam. Orificio pulg. (mm) | Malla Recomendada |
| Hasta .018 (.46) | 200 |
| .019 (.47) hasta .031 (.79) | 100 |
| .032 (.80) y mayores | 50 |

INFORMACIÓN PARA HACER PEDIDO

| BOQUILLA DE ASPERSIÓN ESTÁNDAR | | | | | |
|--------------------------------|------------------|------------------|---|--------------------|---------------------|
| H | 1/4 | VV | - | SS | 110 |
| Prefijo Boquilla | Conexión Entrada | Tipo de Boquilla | | Código de Material | Ángulo de Aspersión |
| | | | | | Tamaño |

| BOQUILLA DE ASPERSIÓN ESTÁNDAR | | | | |
|--------------------------------|------------------|---|--------------------|---------------------|
| 1 | U | - | SS | 50 |
| Conexión Entrada | Tipo de Boquilla | | Código de Material | Ángulo de Aspersión |
| | | | | Tamaño |

Para conexiones BSPT se requiere agregar una "B" antes de la conexión de entrada.



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BOQUILLAS QUICK **VeeJet®** Y PROMAX® QUICK VEEJET, ASPERSIÓN ESTÁNDAR



CARACTERÍSTICAS Y BENEFICIOS

- Patrón de aspersión de abanico plano con distribución uniforme.
- Gotas de pequeñas a medianas.
- Ángulos de aspersión de 25° a 110° a 40 psi (2.8 bar).
- Fácil y rápida instalación de las puntas de aspersión sin herramientas.
- Alineación automática.
- Bajo costo – los cuerpos se pueden volver a utilizar – solo se reemplazan las puntas.
- Versiones miniatura ideales cuando se requieran boquillas de tamaño pequeño y poco peso.
- Las boquillas estándar Quick VeeJet tienen puntas de aspersión de fácil agarre con un sello que permanece en la punta para evitar que se coloque de manera equivocada.

- Las boquillas ProMax Quick VeeJet proporcionan una mayor resistencia a los productos químicos y menor acumulación de material. Para protección adicional contra contaminantes en ambientes agresivos, cuenta con un O-ring interno y un O-ring externo opcional. Vea la tabla para máximas presiones a diversas temperaturas.
- Puntas ProMax Quick VeeJet con codificación de colores para su fácil identificación según la capacidad.
- Componentes de la boquilla estándar Quick VeeJet:
 - Cuerpo de boquilla, punta de aspersión con sello integrado.
 - Cuerpo de boquilla miniatura, sello, punta de aspersión.
- Componentes de la boquilla ProMax Quick VeeJet:
 - Cuerpo de boquilla, punta de aspersión y O-ring externo opcional.
 - Cuerpo de boquilla miniatura, filtro opcional para cuerpo, filtro para punta, O-ring externo, punta de aspersión.

CUERPOS MINIATURA **QUICKJET®**

- QJJS conexión de entrada macho



Cuerpo macho QJJS



Sello



Punta de Aspersión

PUNTAS DE ASPERSIÓN MINIATURA **QUICK VEEJET**

El ensamble típico de las boquillas Miniatura Quick VeeJet consta de un cuerpo, sello y punta de aspersión.

QSU



1 gpm (3.9 l/min)
o mayor a 40 psi (2.8 bar)

QSVV



Menor a
1 gpm (3.9 l/min)
a 40 psi (2.8 bar)



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Boquillas Quick **VeeJet®** Y **PROMAX®** QUICK VEEJET, ASPERSIÓN ESTÁNDAR



CUERPOS ESTÁNDAR **QUICKJET®**

- Conexiones de entrada hembra QJA y macho QJJA
- Conexiones de entrada hembra QJLA y macho QJJLA



Cuerpos hembra QJA y QJLA ó



Cuerpos macho QJJA y QJJLA



Punta de Aspersión

CUERPOS MINIATURA **PROMAX QUICKJET**

- QPPM conexión de entrada macho
- Filtro opcional en Kynar para cuerpo, 50 mallas



Filtro opcional en Kynar para cuerpo



Cuerpo de boquilla QPPM



Filtro opcional en Kynar para punta



O-ring externo opcional (CP7717-2/13-VI)



Punta de Aspersión

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PUNTAS DE ASPERSIÓN QUICK VEEJET

Las boquillas Quick VeeJet constan de dos componentes, un cuerpo y una punta de aspersión. Cada una de estas puntas es compatible con los cuerpos macho o hembra.

QLUA



1 gpm (3.9 l/min)
o mayor a 40 psi (2.8 bar)
hasta un máximo de
25 gpm (99 l/min) a
40 psi (2.8 bar)

QUA



1 gpm (3.9 l/min)
o mayor a 40 psi (2.8 bar)
hasta un máximo de
8 gpm (32 l/min) a
40 psi (2.8 bar)

QVVA



Menor a 1 gpm (3.9 l/min)
a 40 psi (2.8 bar)

BOQUILLAS DE
ASPERSIÓN PLANA

PUNTAS DE ASPERSIÓN MINIATURA **PROMAX QUICK VEEJET**

El ensamblaje típico de las boquillas Miniatura Quick VeeJet consta de un cuerpo de boquilla QPPM y una punta de aspersión QMVV. Las opciones incluyen un filtro en Kynar para el cuerpo, filtro en Kynar para la punta y un O-ring externo (para ambientes agresivos). Consulte a su ingeniero local de ventas para mayor información sobre los filtros en Kynar.

QMVV



Roja; .59 l/min



Gris; .79 l/min



Negra; 1.2 l/min



Naranja; 1.6 l/min



Verde; 2.0 l/min



Amarilla; 2.4 l/min



Azul; 3.2 l/min

Capacidades a 40 psi (2.8 bar)



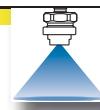
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C

Boquillas Quick VeeJet® y ProMax® Quick VeeJet, Aspersión Estándar



Boquillas de Aspersión Plana

Cuerpos ProMax QuickJet®

- Conexiones de entrada macho QPPA



Cuerpo de boquilla QPPA

O-ring externo opcional (CP7717-2/17-VI)



Punta de Aspersión

Puntas de Aspersión ProMax Quick VeeJet

El ensamblaje típico de las boquillas Quick VeeJet consta de un cuerpo de boquilla QPPA y una punta de aspersión QPTA. Las opciones incluyen un O-ring externo para ambientes agresivos.

QPTA



Blanca; 3.9 l/min



Gris; 5.9 l/min



Negra; 7.9 l/min



Naranja; 11.8 l/min



Verde; 15.8 l/min



Amarilla; 19.7 l/min



Azul; 24 l/min



Roja; 28 l/min

Capacidades a 40 psi (2.8 bar)

Consejos de Optimización

- Ver página C2 para consejos de optimización.

<http://>

Aplicaciones



Boquillas Estándar Quick VeeJet

- Desengrasado y enjuague
- Limpieza y procesamiento de metales
- Lavado/enjuague de partes
- Limpieza a presión
- Lavado de arena, carbón y grava
- Recubrimiento por aspersión
- Enfriamiento por aspersión

Boquillas Miniatura ProMax Quick VeeJet

- Equipos para limpieza de alfombras
- Fabricación de tabletas de circuitos impresos

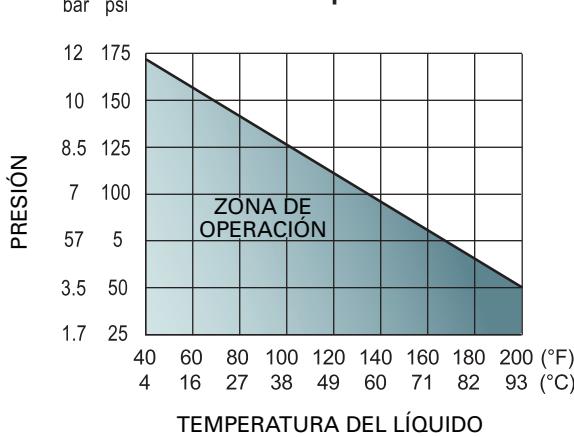
Boquillas ProMax Quick VeeJet

- Fabricación de químicos
- Recubrimiento
- Enfriamiento
- Procesamiento de alimentos
- Acabado de metales
- Lavado/enjuague de partes
- Fabricación de tabletas de circuitos impresos

VER TAMBIÉN

- Accesorios
 - Adaptadores para boquillas ProMax QuickJet
 - Conectores de bola ajustables QuickJet
 - Adaptadores para boquillas QuickJet
 - Tapones para boquillas QuickJet
 - Tapones QuickJet para cuerpos ProMax
 - Cuerpos QuickJet split-eyelet
 - Adaptadores UniJet® para boquillas QuickJet

Boquilla ProMax QuickJet presiones máximas a diversas temperaturas



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Boquillas Quick **VeeJet®** Y PROMAX® QUICK VEEJET, ASPERSIÓN ESTÁNDAR

C

DATOS DE DESEMPEÑO

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Punta Tipo Quick VeeJet | | | | | | | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | Ángulo de Aspersión (°)* | | | | | |
|-----------------------------|-------------------------|------|-----|-----|------|------|------|--------|----------------------------|--------------------------------|------|------|------|------|------|------|------|-----|--------------------------|------|-----|-----|-----|-----|
| | QSVV | QVVA | QSU | QUA | QLUA | QMVV | QPTA | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 12† | 15†† | 20 | 1.5 | 3 | 6 | 15 |
| 110° | ● | ● | | | | | | 01 | .66 | .14 | .19 | .28 | .32 | .39 | .46 | .56 | .60 | — | .88 | 1.0 | 94 | 110 | 121 | 124 |
| | ● | ● | | | | ● | | 015 | .81 | .22 | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.2 | 1.3 | 1.5 | 97 | 110 | 121 | 124 |
| | ● | ● | | | | ● | | 02 | .91 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.6 | 1.8 | 2.0 | 98 | 110 | 120 | 123 |
| | ● | ● | | | | ● | | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.4 | 2.6 | 3.1 | 99 | 110 | 120 | 123 |
| | ● | ● | | | | ● | | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.2 | 3.5 | 4.1 | 100 | 110 | 119 | 122 |
| | ● | ● | | | | ● | | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 3.9 | 4.4 | 5.1 | 100 | 110 | 118 | 122 |
| | ● | ● | | | | ● | | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 4.7 | 5.3 | 6.1 | 101 | 110 | 117 | 122 |
| | ● | ● | | | | ● | | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 6.3 | 7.1 | 8.2 | 102 | 110 | 117 | 121 |
| | ● | ● | | | | ● | | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | — | 8.8 | 10.2 | 103 | 110 | 117 | 119 |
| | ● | ● | | | | ● | | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | — | 13.2 | 15.3 | 104 | 110 | 117 | 118 |
| | ● | ● | | | | ● | | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | — | 17.7 | 20 | 105 | 110 | 117 | 118 |
| 95° | ● | ● | | | | ● | | 01 | .66 | .14 | .19 | .28 | .32 | .39 | .46 | .56 | .60 | — | .88 | 1.0 | 81 | 95 | 105 | 113 |
| | ● | ● | | | | ● | | 015 | .81 | .22 | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.2 | 1.3 | 1.5 | 82 | 95 | 105 | 113 |
| | ● | ● | | | | ● | | 02 | .91 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.6 | 1.8 | 2.0 | 82 | 95 | 105 | 113 |
| | ● | ● | | | | ● | | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.4 | 2.6 | 3.1 | 83 | 95 | 104 | 111 |
| | ● | ● | | | | ● | | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.2 | 3.5 | 4.1 | 84 | 95 | 103 | 108 |
| | ● | ● | | | | ● | | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 3.9 | 4.4 | 5.1 | 84 | 95 | 102 | 107 |
| | ● | ● | | | | ● | | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 4.7 | 5.3 | 6.1 | 86 | 95 | 101 | 106 |
| | ● | ● | | | | ● | | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 6.3 | 7.1 | 8.2 | 87 | 95 | 100 | 105 |
| | ● | ● | | | ● | ● | | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | — | 8.8 | 10.2 | 89 | 95 | 100 | 105 |
| | ● | ● | | | ● | ● | | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | — | 13.2 | 15.3 | 90 | 95 | 100 | 105 |
| | ● | ● | | | ● | ● | | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | — | 17.7 | 20 | 90 | 95 | 100 | 105 |
| | ● | ● | | | ● | ● | | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | — | 26 | 31 | 91 | 95 | 101 | 105 |
| | ● | ● | | | ● | ● | | 40 | 3.8 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | — | 35 | 41 | 92 | 95 | 100 | 105 |
| | ● | ● | | | ● | ● | | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | — | 44 | 51 | 93 | 95 | 99 | 103 |
| | ● | ● | | | ● | ● | | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | — | 53 | 61 | 93 | 95 | 99 | 103 |
| | ● | ● | | | ● | ● | | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | — | 62 | 71 | 93 | 95 | 99 | 103 |
| | ● | ● | | | ● | ● | | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | — | 88 | 102 | 93 | 95 | 99 | 102 |
| | ● | ● | | | ● | ● | | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | — | 132 | 153 | 93 | 95 | 99 | 102 |
| 80° | ● | ● | | | | | | 0050 | .46 | — | — | .14 | .16 | .20 | .23 | .28 | .30 | — | .44 | .51 | 61 | 80 | 95 | 101 |
| | ● | ● | | | | | | 0067 | .53 | — | .13 | .19 | .22 | .26 | .31 | .37 | .40 | — | .59 | .68 | 67 | 80 | 94 | 99 |
| | ● | ● | | | | | | 01 | .66 | — | .19 | .28 | .32 | .39 | .46 | .56 | .60 | — | .88 | 1.0 | 68 | 80 | 89 | 92 |
| | ● | ● | | | | | | 015 | .81 | — | .29 | .42 | .48 | .59 | .68 | .84 | .90 | — | 1.3 | 1.5 | 68 | 80 | 89 | 92 |
| | ● | ● | | | | ● | | 02 | .91 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.6 | 1.8 | 2.0 | 69 | 80 | 88 | 91 |
| | ● | ● | | | | ● | | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.4 | 2.6 | 3.1 | 70 | 80 | 87 | 90 |
| | ● | ● | | | | ● | | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.2 | 3.5 | 4.1 | 71 | 80 | 86 | 89 |
| | ● | ● | | | | ● | | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 3.9 | 4.4 | 5.1 | 71 | 80 | 86 | 89 |
| | ● | ● | | | | ● | | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 4.7 | 5.3 | 6.1 | 72 | 80 | 85 | 88 |
| | ● | ● | | | | ● | | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 6.3 | 7.1 | 8.2 | 72 | 80 | 84 | 87 |
| | ● | ● | | | ● | ● | | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | — | 8.8 | 10.2 | 73 | 80 | 84 | 87 |
| | ● | ● | | | ● | ● | | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | — | 13.2 | 15.3 | 74 | 80 | 83 | 86 |
| | ● | ● | | | ● | ● | | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | — | 17.7 | 20 | 74 | 80 | 83 | 86 |
| | ● | ● | | | ● | ● | | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | — | 26 | 31 | 74 | 80 | 83 | 86 |

†Presión máxima para la QMV es 12 bar. ††Presión máxima para la QPTA es 15 bar.



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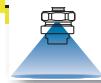


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Boquillas Quick **VeeJet®** Y **PROMAX®**

QUICK VEEJET, ASPERSIÓN ESTÁNDAR

DATOS DE DESEMPEÑO



Boquillas de Aspersión Plana

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Punta Tipo Quick VeeJet | | | | | | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | Ángulo de Aspersión (°)* | | | | |
|-----------------------------|-------------------------|------|-----|-----|------|------|--------|----------------------------|--------------------------------|------|------|------|------|------|------|------|-----|------|--------------------------|-----|----|----|----|
| | QSVV | QVVA | QSU | QUA | QLUA | QMVV | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 12† | 15†† | 20 | 1.5 | 3 | 6 | 15 |
| 80° | | | ● | | | ● | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | — | 35 | 41 | 74 | 80 | 83 | 86 |
| | | | ● | | | ● | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | — | 44 | 51 | 74 | 80 | 83 | 85 |
| | | | ● | | | ● | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | — | 53 | 61 | 75 | 80 | 83 | 85 |
| | | | ● | | | ● | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | — | 62 | 71 | 75 | 80 | 83 | 86 |
| | | | | | ● | | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | — | 88 | 102 | 75 | 80 | 83 | 86 |
| | | | | | ● | | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | — | 132 | 153 | 73 | 80 | 84 | 86 |
| | | | | | ● | | 200 | 8.7 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | — | 177 | 204 | 74 | 80 | 82 | 85 |
| 73° | ● | | | | | | 0023 | .30 | — | — | .064 | .074 | .091 | .10 | .13 | .14 | — | .20 | .23 | 50 | 73 | 89 | 97 |
| | ● | | | | | | 0039 | .41 | .056 | — | .11 | .13 | .15 | .18 | .22 | .24 | — | .34 | .40 | 53 | 73 | 87 | 93 |
| | ● | | | | | | 0077 | .58 | .11 | — | .21 | .25 | .30 | .35 | .43 | .46 | — | .68 | .78 | 53 | 73 | 86 | 92 |
| | ● | | | | | | 0116 | .71 | .17 | .22 | .32 | .37 | .46 | .53 | .65 | .70 | — | 1.0 | 1.2 | 54 | 73 | 85 | 90 |
| | ● | | | | | | 0154 | .81 | .22 | .29 | .43 | .50 | .61 | .70 | .86 | .93 | — | 1.4 | 1.6 | 55 | 73 | 84 | 88 |
| | ● | | | | | | 0231 | .96 | .33 | .44 | .64 | .74 | .91 | 1.1 | 1.3 | 1.4 | — | 2.0 | 2.4 | 56 | 73 | 83 | 87 |
| | ● | | | | | | 0308 | 1.1 | .44 | .59 | .86 | .99 | 1.2 | 1.4 | 1.7 | 1.9 | — | 2.7 | 3.1 | 58 | 73 | 82 | 86 |
| | ● | | | | | | 0385 | 1.2 | .56 | .73 | 1.1 | 1.2 | 1.5 | 1.8 | 2.1 | 2.3 | — | 3.4 | 3.9 | 59 | 73 | 81 | 85 |
| | ● | | | | | | 0462 | 1.4 | .67 | .88 | 1.3 | 1.5 | 1.8 | 2.1 | 2.6 | 2.8 | — | 4.1 | 4.7 | 60 | 73 | 80 | 84 |
| | ● | | | | | | 0616 | 1.6 | .89 | 1.2 | 1.7 | 2.0 | 2.4 | 2.8 | 3.4 | 3.7 | — | 5.4 | 6.3 | 63 | 73 | 79 | 83 |
| | ● | | | | | | 0770 | 1.7 | 1.1 | 1.5 | 2.1 | 2.5 | 3.0 | 3.5 | 4.3 | 4.6 | — | 6.8 | 7.8 | 64 | 73 | 77 | 82 |
| | ● | | | | | | 0924 | 1.9 | 1.3 | 1.8 | 2.6 | 3.0 | 3.6 | 4.2 | 5.2 | 5.6 | — | 8.2 | 9.4 | 65 | 73 | 77 | 80 |
| 65° | ● | | | | | | 0017 | .28 | — | — | .047 | .055 | .067 | .078 | .095 | .10 | — | .15 | .17 | 44 | 65 | 77 | 86 |
| | ● | | | | | | 0025 | .33 | — | — | .070 | .081 | .099 | .11 | .14 | .15 | — | .22 | .25 | 45 | 65 | 77 | 84 |
| | ● | | | | | | 0033 | .38 | — | — | .092 | .11 | .13 | .15 | .18 | .20 | — | .29 | .34 | 47 | 65 | 76 | 83 |
| | ● | | | | | | 0050 | .46 | — | — | .14 | .16 | .20 | .23 | .28 | .30 | — | .44 | .51 | 48 | 65 | 75 | 82 |
| | ● | | | | | | 0067 | .53 | — | .13 | .19 | .22 | .26 | .31 | .37 | .40 | — | .59 | .68 | 50 | 65 | 75 | 81 |
| | ● | | | | | | 01 | .66 | — | .19 | .28 | .32 | .39 | .46 | .56 | .60 | — | .88 | 1.0 | 51 | 65 | 74 | 80 |
| | ● | | | | | | 015 | .81 | — | .29 | .42 | .48 | .59 | .68 | .84 | .90 | — | 1.3 | 1.5 | 51 | 65 | 74 | 80 |
| | ● | ● | | | ● | | 02 | .91 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.6 | 1.8 | 2.0 | 52 | 65 | 73 | 79 |
| | ● | ● | | | ● | | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.4 | 2.6 | 3.1 | 53 | 65 | 72 | 78 |
| | ● | ● | | | ● | | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.2 | 3.5 | 4.1 | 53 | 65 | 72 | 76 |
| | ● | ● | | | ● | | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 3.9 | 4.4 | 5.1 | 53 | 65 | 72 | 76 |
| | ● | ● | | | ● | | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 4.7 | 5.3 | 6.1 | 54 | 65 | 72 | 75 |
| | ● | ● | | | ● | | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 6.3 | 7.1 | 8.2 | 55 | 65 | 71 | 74 |
| | ● | ● | | | ● | | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | — | 8.8 | 10.2 | 56 | 65 | 71 | 74 |
| | ● | ● | | | ● | | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | — | 13.2 | 15.3 | 56 | 65 | 70 | 73 |
| | ● | ● | | | ● | | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | — | 17.7 | 20 | 57 | 65 | 70 | 73 |
| | ● | ● | | | ● | | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | — | 26 | 31 | 58 | 65 | 69 | 72 |
| | ● | ● | | | ● | | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | — | 35 | 41 | 59 | 65 | 68 | 72 |
| | ● | ● | | | ● | | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | — | 44 | 51 | 60 | 65 | 68 | 71 |
| | ● | ● | | | ● | | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | — | 53 | 61 | 60 | 65 | 68 | 71 |
| | ● | ● | | | ● | | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | — | 62 | 71 | 60 | 65 | 68 | 71 |
| | ● | ● | | | ● | | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | — | 88 | 102 | 58 | 65 | 69 | 70 |
| | ● | ● | | | ● | | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | — | 132 | 153 | 59 | 65 | 68 | 70 |
| | ● | ● | | | ● | | 200 | 8.7 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | — | 177 | 204 | 60 | 65 | 67 | 69 |

†Presión máxima para la QMVV es 12 bar. ††Presión máxima para la QPTA es 15 bar.



Spraying Systems Co.®
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Boquillas Quick **VeeJet®** Y PROMAX® QUICK VEEJET, ASPERSIÓN ESTÁNDAR

DATOS DE DESEMPEÑO

C

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Punta Tipo Quick VeeJet | | | | | | | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | Ángulo de Aspersión (°)* | | | | | |
|-----------------------------|-------------------------|------|-----|-----|------|------|------|--------|----------------------------|--------------------------------|------|------|------|------|------|------|------|-----|--------------------------|------|-----|----|----|----|
| | QSVV | QVVA | QSU | QUA | QLUA | QMVV | QPTA | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 12† | 15†† | 20 | 1.5 | 3 | 6 | 15 |
| 50° | ● | | | | | | | 0017 | .28 | — | — | .047 | .055 | .067 | .078 | .095 | .10 | — | .15 | .17 | 27 | 50 | 65 | 74 |
| | ● | | | | | | | 0025 | .33 | — | — | .070 | .081 | .099 | .11 | .14 | .15 | — | .22 | .25 | 29 | 50 | 64 | 71 |
| | ● | | | | | | | 0033 | .38 | — | — | .092 | .11 | .13 | .15 | .18 | .20 | — | .29 | .34 | 30 | 50 | 62 | 68 |
| | ● | | | | | | | 0050 | .46 | — | — | .14 | .16 | .20 | .23 | .28 | .30 | — | .44 | .51 | 32 | 50 | 60 | 66 |
| | ● | | | | | | | 0067 | .53 | — | — | .19 | .22 | .26 | .31 | .37 | .40 | — | .59 | .68 | 35 | 50 | 60 | 66 |
| | ● | | | | | | | 01 | .66 | — | .19 | .28 | .32 | .39 | .46 | .56 | .60 | — | .88 | 1.0 | 37 | 50 | 59 | 65 |
| | ● | | | | | | | 015 | .81 | — | .29 | .42 | .48 | .59 | .68 | .84 | .90 | — | 1.3 | 1.5 | 38 | 50 | 58 | 64 |
| | ● | | | | | | ● | 02 | .91 | — | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.6 | 1.8 | 2.0 | 39 | 50 | 57 | 63 |
| | ● | | | | | | ● | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.4 | 2.6 | 3.1 | 40 | 50 | 56 | 62 |
| | ● | | | | | | ● | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.2 | 3.5 | 4.1 | 42 | 50 | 56 | 61 |
| | ● | | | | | | ● | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 3.9 | 4.4 | 5.1 | 44 | 50 | 56 | 61 |
| | ● | | | | | | ● | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 4.7 | 5.3 | 6.1 | 45 | 50 | 56 | 60 |
| | ● | | | | | | | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 6.3 | 7.1 | 8.2 | 45 | 50 | 55 | 60 |
| | | ● | | | | | ● | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | — | 8.8 | 10.2 | 45 | 50 | 55 | 59 |
| | | ● | | | | | ● | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | — | 13.2 | 15.3 | 45 | 50 | 55 | 59 |
| | | ● | | | | | ● | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | — | 17.7 | 20 | 45 | 50 | 55 | 59 |
| | | ● | | | | | ● | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | — | 26 | 31 | 45 | 50 | 55 | 59 |
| | | ● | | | | | ● | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | — | 35 | 41 | 46 | 50 | 54 | 59 |
| | | ● | | | | | ● | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | — | 44 | 51 | 46 | 50 | 54 | 59 |
| | | ● | | | | | ● | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | — | 53 | 61 | 46 | 50 | 54 | 59 |
| | | ● | | | | | ● | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | — | 62 | 71 | 46 | 50 | 54 | 59 |
| | | | ● | | | | | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | — | 88 | 102 | 44 | 50 | 52 | 54 |
| | | | ● | | | | | 120 | 6.7 | 17.3 | 23 | 34 | 39 | 47 | 55 | 67 | 72 | — | 106 | 122 | 44 | 50 | 53 | 55 |
| | | | ● | | | | | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | — | 132 | 153 | 45 | 50 | 52 | 55 |
| | | | ● | | | | | 200 | 8.7 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | — | 177 | 204 | 46 | 50 | 52 | 55 |
| 40° | ● | | | | | | | 0017 | .28 | — | — | .047 | .055 | .067 | .078 | .095 | .10 | — | .15 | .17 | 21 | 40 | 54 | 61 |
| | ● | | | | | | | 0025 | .33 | — | — | .070 | .081 | .099 | .11 | .14 | .15 | — | .22 | .25 | 22 | 40 | 53 | 60 |
| | ● | | | | | | | 0033 | .38 | — | — | .092 | .11 | .13 | .15 | .18 | .20 | — | .29 | .34 | 22 | 40 | 53 | 60 |
| | ● | | | | | | | 0050 | .46 | — | — | .14 | .16 | .20 | .23 | .28 | .30 | — | .44 | .51 | 22 | 40 | 53 | 60 |
| | ● | | | | | | | 0067 | .53 | — | — | .19 | .22 | .26 | .31 | .37 | .40 | — | .59 | .68 | 24 | 40 | 53 | 60 |
| | ● | | | | | | | 01 | .66 | — | — | .28 | .32 | .39 | .46 | .56 | .60 | — | .88 | 1.0 | 26 | 40 | 52 | 59 |
| | ● | | | | | | | 015 | .81 | — | — | .42 | .48 | .59 | .68 | .84 | .90 | — | 1.3 | 1.5 | 27 | 40 | 52 | 59 |
| | ● | | | | | | ● | 02 | .91 | — | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.6 | 1.8 | 2.0 | 29 | 40 | 51 | 58 |
| | ● | | | | | | ● | 03 | 1.1 | — | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.4 | 2.6 | 3.1 | 30 | 40 | 50 | 57 |
| | ● | | | | | | ● | 04 | 1.3 | — | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.2 | 3.5 | 4.1 | 30 | 40 | 50 | 56 |
| | ● | | | | | | ● | 05 | 1.4 | — | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 3.9 | 4.4 | 5.1 | 31 | 40 | 49 | 55 |
| | ● | | | | | | ● | 06 | 1.5 | — | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 4.7 | 5.3 | 6.1 | 31 | 40 | 49 | 55 |
| | ● | | | | | | ● | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 6.3 | 7.1 | 8.2 | 31 | 40 | 47 | 53 |
| | | ● | | | | | ● | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | — | 8.8 | 10.2 | 32 | 40 | 45 | 48 |
| | | ● | | | | | ● | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | — | 13.2 | 15.3 | 32 | 40 | 45 | 48 |
| | | ● | | | | | ● | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | — | 17.7 | 20 | 32 | 40 | 45 | 48 |
| | | ● | | | | | ● | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | — | 26 | 31 | 33 | 40 | 45 | 48 |
| | | ● | | | | | ● | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | — | 35 | 41 | 34 | 40 | 45 | 48 |

†Presión máxima para la QMVV es 12 bar.

††Presión máxima para la QPTA es 15 bar.



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C

BOQUILLAS QUICK *VeeJet®* Y PROMAX® QUICK VEEJET, ASPERSIÓN ESTÁNDAR

Boquillas de Aspersión Plana

DATOS DE DESEMPEÑO

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Punta Tipo Quick VeeJet | | | | | | Tamaño Orificio (mm) | Equiv. Diam. (mm) | Capacidad (litros por minuto)* | | | | | | | | Ángulo de Aspersión (°)* | | | | | | | |
|-----------------------------|-------------------------|------|-----|-----|------|------|-------------------------|-------------------------|--------------------------------|------|------|------|------|------|------|------|--------------------------|------|------|-----|----|----|----|--|
| | QSVV | QVVA | QSU | QUA | QLUA | QMVV | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 12† | 15†† | 20 | 1.5 | 3 | 6 | 15 | |
| 40° | | | ● | | | | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | — | 44 | 51 | 35 | 40 | 45 | 48 | |
| | | | ● | | | ● | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | — | 53 | 61 | 35 | 40 | 45 | 48 | |
| | | | ● | | | ● | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | — | 62 | 71 | 35 | 40 | 45 | 48 | |
| | | | | ● | | | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | — | 88 | 102 | 34 | 40 | 43 | 46 | |
| | | | | | ● | | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | — | 132 | 153 | 35 | 40 | 43 | 44 | |
| | | | | | ● | | 200 | 8.7 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | — | 177 | 204 | 36 | 40 | 42 | 44 | |
| | | | ● | | | | 0017 | .28 | — | — | — | .055 | .067 | .078 | .095 | .10 | — | .15 | .17 | — | 25 | 35 | 47 | |
| | | | ● | | | | 0025 | .33 | — | — | — | .081 | .099 | .11 | .14 | .15 | — | .22 | .25 | — | 25 | 35 | 45 | |
| | | | ● | | | | 0033 | .38 | — | — | — | .11 | .13 | .15 | .18 | .20 | — | .29 | .34 | — | 25 | 34 | 44 | |
| | | | ● | | | | 0050 | .46 | — | — | — | .16 | .20 | .23 | .28 | .30 | — | .44 | .51 | — | 25 | 34 | 43 | |
| 25° | | | ● | | | | 0067 | .53 | — | — | — | .22 | .26 | .31 | .37 | .40 | — | .59 | .68 | — | 25 | 34 | 42 | |
| | | | ● | | | | 01 | .66 | — | — | .28 | .32 | .39 | .46 | .56 | .60 | — | .88 | 1.0 | 14 | 25 | 34 | 42 | |
| | | | ● | | | | 015 | .81 | — | — | .42 | .48 | .59 | .68 | .84 | .90 | — | 1.3 | 1.5 | 15 | 25 | 34 | 41 | |
| | | | ● | | | ● | 02 | .91 | — | — | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.6 | 1.8 | 2.0 | 15 | 25 | 33 | 40 | |
| | | | ● | | | ● | 03 | 1.1 | — | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.4 | 2.6 | 3.1 | 15 | 25 | 33 | 40 | | |
| | | | ● | | | ● | 04 | 1.3 | — | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.2 | 3.5 | 4.1 | 16 | 25 | 32 | 39 | |
| | | | ● | | | ● | 05 | 1.4 | — | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 3.9 | 4.4 | 5.1 | 16 | 25 | 32 | 39 | |
| | | | ● | | | ● | 06 | 1.5 | — | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 4.7 | 5.3 | 6.1 | 17 | 25 | 31 | 38 | |
| | | | ● | | | ● | 08 | 1.8 | — | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 6.3 | 7.1 | 8.2 | 17 | 25 | 31 | 38 | |
| | | | ● | | | ● | 10 | 2.0 | — | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | — | 8.8 | 10.2 | 18 | 25 | 31 | 37 | |
| 15° | | | ● | | | ● | 15 | 2.4 | — | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | — | 13.2 | 15.3 | 18 | 25 | 31 | 37 | |
| | | | ● | | | ● | 20 | 2.8 | — | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | — | 17.7 | 20 | 19 | 25 | 31 | 37 | |
| | | | ● | | | ● | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | — | 26 | 31 | 20 | 25 | 30 | 36 | |
| | | | ● | | | ● | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | — | 35 | 41 | 21 | 25 | 29 | 35 | |
| | | | ● | | | ● | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | — | 44 | 51 | 21 | 25 | 29 | 35 | |
| | | | ● | | | ● | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | — | 53 | 61 | 22 | 25 | 29 | 35 | |
| | | | ● | | | ● | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | — | 62 | 71 | 22 | 25 | 29 | 35 | |
| | | | ● | | | ● | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | — | 88 | 102 | 23 | 25 | 28 | 32 | |
| | | | ● | | | ● | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | — | 132 | 153 | 24 | 25 | 28 | 30 | |
| | | | ● | | | ● | 200 | 8.7 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | — | 177 | 204 | 24 | 25 | 26 | 29 | |

†Presión máxima para la QMVV es 12 bar. ††Presión máxima para la QPTA es 15 bar.



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Boquillas Quick VeeJet® Y PROMAX® QUICK VEEJET, ASPERSIÓN ESTÁNDAR

C

DATOS DE DESEMPEÑO

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Punta Tipo Quick VeeJet | | | | | | | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | Ángulo de Aspersión (°)* | | | | |
|-----------------------------|-------------------------|------|-----|-----|------|------|------|--------|----------------------------|--------------------------------|------|------|------|------|------|------|------|------|------|--------------------------|-----|----|----|----|
| | QSVV | QVVA | QSU | QUA | QLUA | QMVV | QPTA | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 12† | 15†† | 20 | 1.5 | 3 | 6 | 15 |
| 15° | ● | | | | | | | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 7.9 | 8.8 | 10.2 | 10 | 15 | 19 | 24 |
| | ● | | | | | | | 15 | 2.4 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 11.8 | 13.2 | 15.3 | 10 | 15 | 19 | 24 |
| | ● | | | | | | | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 15.8 | 17.7 | 20 | 10 | 15 | 19 | 23 |
| | ● | | | | | | | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 24 | 26 | 31 | 10 | 15 | 19 | 21 |
| | ● | | | | | | | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 32 | 35 | 41 | 10 | 15 | 18 | 21 |
| | ● | | | | | | | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 39 | 44 | 51 | 11 | 15 | 18 | 21 |
| | ● | | | | | | | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 47 | 53 | 61 | 11 | 15 | 18 | 21 |
| | ● | | | | | | | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 55 | 62 | 71 | 11 | 15 | 18 | 21 |
| | | ● | | | | | | 100 | 6.2 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | 79 | 88 | 102 | 13 | 15 | 17 | 18 |
| | | ● | | | | | | 120 | 6.8 | 17.3 | 23 | 34 | 39 | 47 | 55 | 67 | 72 | 95 | 106 | 122 | 13 | 15 | 17 | 18 |
| | | ● | | | | | | 150 | 7.5 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | 118 | 132 | 153 | 14 | 15 | 17 | 18 |
| | | ● | | | | | | 200 | 8.7 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | 158 | 177 | 204 | 14 | 15 | 17 | 18 |
| 0° | ● | | | | | | | 0009 | .20 | .013 | .017 | .025 | .029 | .036 | .041 | .050 | .054 | .071 | .079 | .092 | | | | |
| | ● | | | | | | | 0012 | .25 | .017 | .023 | .034 | .039 | .047 | .055 | .067 | .072 | .095 | .11 | .12 | | | | |
| | ● | | | | | | | 0019 | .30 | .027 | .036 | .053 | .061 | .075 | .087 | .11 | .11 | .15 | .17 | .19 | | | | |
| | ● | ● | | | | | | 0021 | .33 | .030 | .040 | .059 | .068 | .083 | .096 | .12 | .13 | .17 | .19 | .21 | | | | |
| | ● | | | | | | | 0050 | .48 | .072 | .095 | .14 | .16 | .20 | .23 | .28 | .30 | .39 | .44 | .51 | | | | |
| | ● | | | | | | | 0067 | .58 | .097 | .13 | .19 | .22 | .26 | .31 | .37 | .40 | .53 | .59 | .68 | | | | |
| | ● | | | | | | | 01 | .71 | .14 | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .79 | .88 | 1.0 | | | | |
| | ● | | | | | | | 015 | .86 | .22 | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.2 | 1.3 | 1.5 | | | | |
| | ● | | | | | | | 02 | .99 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.6 | 1.8 | 2.0 | | | | |
| | ● | ● | | | | | | 03 | 1.2 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.4 | 2.6 | 3.1 | | | | |
| | ● | ● | | | | | | 04 | 1.4 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.2 | 3.5 | 4.1 | | | | |
| | ● | ● | | | | | | 05 | 1.6 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 3.9 | 4.4 | 5.1 | | | | |
| | ● | ● | | | | | | 06 | 1.7 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 4.7 | 5.3 | 6.1 | | | | |
| | ● | ● | | | | | | 08 | 2.0 | 1.0 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 6.3 | 7.1 | 8.2 | | | | |
| | ● | ● | | | | | | 10 | 2.2 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 7.9 | 8.8 | 10.2 | | | | |
| | ● | ● | | | | | | 15 | 2.7 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 11.8 | 13.2 | 15.3 | | | | |
| | ● | ● | | | | | | 20 | 3.1 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 15.8 | 17.7 | 20 | | | | |
| | ● | ● | | | | | | 30 | 3.6 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 24 | 26 | 31 | | | | |
| | ● | ● | | | | | | 40 | 4.1 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 32 | 35 | 41 | | | | |
| | ● | ● | | | | | | 50 | 4.2 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 39 | 44 | 51 | | | | |
| | ● | ● | | | | | | 60 | 4.6 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 47 | 53 | 61 | | | | |
| | ● | ● | | | | | | 70 | 5.0 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 55 | 62 | 71 | | | | |
| | ● | ● | | | | | | 80 | 5.3 | 11.5 | 15.3 | 22 | 26 | 32 | 36 | 45 | 48 | 63 | 71 | 82 | | | | |
| | ● | ● | | | | | | 100 | 6.0 | 14.4 | 19.1 | 28 | 32 | 39 | 46 | 56 | 60 | 79 | 88 | 102 | | | | |
| | ● | ● | | | | | | 120 | 6.8 | 17.3 | 23 | 34 | 39 | 47 | 55 | 67 | 72 | 95 | 106 | 122 | | | | |
| | ● | ● | | | | | | 150 | 7.3 | 22 | 29 | 42 | 48 | 59 | 68 | 84 | 90 | 118 | 132 | 153 | | | | |
| | ● | ● | | | | | | 200 | 8.5 | 29 | 38 | 56 | 64 | 79 | 91 | 112 | 121 | 158 | 177 | 204 | | | | |
| | ● | ● | | | | | | 250 | 9.5 | 36 | 48 | 70 | 81 | 99 | 114 | 140 | 151 | 197 | 221 | 255 | | | | |

†Presión máxima para la QMV es 12 bar.

††Presión máxima para la QPTA es 15 bar.

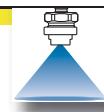


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C

Boquillas Quick VeeJet® y PROMAX® Quick VEEJET, ASPERSIÓN ESTÁNDAR



DIMENSIONES Y PESOS

| Estándar | Tipo de Boquilla | Longitud (mm) | Hex. (mm) | Ancho (mm) | Peso Neto (kg) |
|----------|------------------|---------------|-----------|------------|----------------|
| | QJJS+QSUV | 28 | 14.3 | — | .03 |
| | QJJS+QSU | 30 | 14.3 | — | .03 |
| | QJA+QVVA | 55 | 25.4 | — | .07 |
| | QJJA+QVVA | 53 | 25.4 | — | .06 |
| | QJA+QUA | 51 | 25.4 | — | .08 |
| | QJJA+QUA | 49 | 25.4 | — | .06 |
| | QJLA+QLUA | 59 | 28.6 | — | .13 |
| | QJJLA+QLUA | 60 | 28.6 | — | .12 |
| | QPPM+QMVV | 30 | 15.9 | — | .003 |
| | QPPA+QPTA | 45 | 22.2 | 32 | .007 |

Basados en la versión más grande y más pesada de cada tipo.

TIPOS DE CUERPO

| Conexión Entrada (pulg.) | Cuerpo Estándar | | | | | | |
|--------------------------|-----------------|------|------------|------|-------|------|------|
| | Conexión H | | Conexión M | | | | |
| | QJA | QJLA | QJJS | QJJA | QJJLA | QPPM | QPPA |
| 1/8 | ● | | ● | ● | | ● | |
| 1/4 | ● | | ● | ● | | ● | ● |
| 3/8 | ● | ● | | ● | ● | | ● |
| 1/2 | ● | ● | | ● | ● | | |

MATERIALES

| Material | Código de Material | Punta de Aspersión | | | | |
|----------------------|--------------------|--------------------|-----|------|-----|------|
| | | QSUV | QSU | QVVA | QUA | QLUA |
| Bronce | (sin código) | ● | ● | ● | ● | ● |
| Acero Inoxidable 303 | SS | ● | ● | ● | ● | ● |

Las boquillas estándar Quick VeeJet están disponibles en bronce con sello en Buna-N o en acero inoxidable con sello en Vitón®.

Las boquillas ProMax Quick VeeJet están disponibles con sello en Vitón. Las puntas y cuerpos Miniatura ProMax cuentan con la opción de un filtro en Kynar®.

Para más detalles, Vea la Sección K, Boquillas de Aspersión para Aplicaciones Especiales o contacte a su representante local de ventas.

INFORMACIÓN PARA PEDIR FILTROS

| Para Boquillas Serie | Filtro para Cuerpo Pedir No. | Filtro para Punta Pedir No. |
|----------------------|------------------------------|-----------------------------|
| 1/8 QPPM+QMVV | CP39212-1-KY | CP45095-KY |
| 1/4 QPPM+QMVV | CP39212-2-KY | CP45095-KY |

INFORMACIÓN PARA HACER PEDIDO

| BOQUILLA COMPLETA QUICK VEEJET | | | | | | |
|--------------------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--------|
| CUERPO DE BOQUILLA | | | PUNTA DE ASPERSIÓN | | | |
| 1/4 | QJJA | - SS | + QVVA | - SS | 110 | 10 |
| Conexión Entrada | Cuerpo de Boquilla | Código de Material | Tipo de Punta | Código de Material | Ángulo de Aspersión | Tamaño |

| BOQUILLA COMPLETA PROMAX QUICK VEEJET | | | | | | |
|---------------------------------------|--------------------|---------------|---------------------|--------|--|--|
| CUERPO DE BOQUILLA | | | PUNTA DE ASPERSIÓN | | | |
| 1/4 | QPPM | + QMVV | 50 | 02 | | |
| Conexión Entrada | Cuerpo de Boquilla | Tipo de Punta | Ángulo de Aspersión | Tamaño | | |

Agregue una "A" al tamaño de la boquilla para el O-ring externo. Ejemplo: 02A

Para conexiones BSPT se requiere agregar una "B" antes de la conexión de entrada del cuerpo



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Boquillas **UniJet®** ASPERSIÓN ESTÁNDAR



CUERPOS UNISET

- Conexiones de entrada Hembra T o Macho TT



Cuerpo hembra T ó



Cuerpo macho TT



Tuerca retenedora

APLICACIONES

- Desengrasado y enjuague
- Limpieza y procesamiento de metales
- Lavado/enjuague de partes
- Limpieza a presión

PUNTAS DE ASPERSIÓN UNISET

El ensamblaje típico de las boquillas UniJet consta de un cuerpo hembra T o macho TT, filtro, punta de aspersión y tuerca retenedora.

TPU



Punta de aspersión estandar

CARACTERÍSTICAS Y BENEFICIOS

- Patrón de aspersión de abanico plano con distribución uniforme.
- Ángulos de aspersión disponibles desde 0° (chorro sólido) hasta 110° a 40 psi (3 bar).
- Gotas de pequeñas a medianas.
- Bajo costo – los cuerpos se pueden volver a utilizar – solo se reemplazan las puntas.
- Orificios retraídos para protegerlos contra daños.
- Amplia variedad de puntas intercambiables, tipos/tamaño de cuerpos, materiales, ángulos de aspersión y accesorios.
- Flujos – hasta 7 gpm (28 l/min) a 40 psi (3 bar).
- Ensamble de boquilla UniJet:
 - Cuerpo de boquilla, filtro, punta de aspersión, tuerca retenedora.

CONSEJOS DE OPTIMIZACIÓN

- Ver página C2 para consejos de optimización.

VER TAMBÍEN



<http://>

- Accesorios
 - Adaptadores
 - Cuerpos de boquilla con abrazaderas ajustables
 - Cuerpos de boquilla con válvula de bola
 - Válvulas check
 - Conectores para manguera
 - Estabilizadores de chorro
 - Discos reguladores de caudal y tapones
 - Platos, tuercas retenedoras, adaptadores
 - Cuerpos de boquilla con válvula de cierre
 - Cuerpos de boquilla rollover
 - Cuerpos split-eyelet
 - Filtros
 - Conectores giratorios



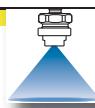
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C

Boquillas **Unijet®** ASPERSIÓN ESTÁNDAR



DATOS DE DESEMPEÑO

Boquillas de Aspersión Plana

TPU

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | | | Ángulo de Aspersión (°)* | | | |
|-----------------------------|--------|----------------------------|--------------------------------|------|------|------|------|------|------|------|------|------|------|-----|--------------------------|-----|-----|--|
| | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 | |
| 110° | 0033 | .38 | — | — | .092 | .11 | .13 | .15 | .18 | .20 | .29 | .34 | .45 | 91 | 110 | 116 | 121 | |
| | 0050 | .46 | — | — | .14 | .16 | .20 | .23 | .28 | .30 | .44 | .51 | .67 | 91 | 110 | 118 | 124 | |
| | 0067 | .53 | — | — | .19 | .22 | .26 | .31 | .37 | .40 | .59 | .68 | .90 | 92 | 110 | 118 | 124 | |
| | 01 | .66 | .14 | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 94 | 110 | 121 | 124 | |
| | 015 | .81 | .22 | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 97 | 110 | 121 | 124 | |
| | 02 | .89 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 98 | 110 | 120 | 123 | |
| | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 99 | 110 | 120 | 123 | |
| | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 100 | 110 | 119 | 122 | |
| | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 100 | 110 | 118 | 122 | |
| | 06 | 1.6 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 101 | 110 | 117 | 122 | |
| | 07 | 1.7 | 1.0 | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 102 | 110 | 117 | 121 | |
| | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 102 | 110 | 117 | 121 | |
| | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 103 | 110 | 117 | 119 | |
| | 12 | 2.2 | 1.7 | 2.3 | 3.4 | 3.9 | 4.7 | 5.5 | 6.7 | 7.2 | 10.6 | 12.2 | 16.2 | 103 | 110 | 117 | 119 | |
| | 15 | 2.5 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 104 | 110 | 117 | 118 | |
| | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 105 | 110 | 117 | 118 | |
| | 30 | 2.9 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 105 | 110 | 117 | 118 | |
| 95° | 01 | .66 | .14 | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 81 | 95 | 105 | 113 | |
| | 015 | .81 | .22 | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 82 | 95 | 105 | 113 | |
| | 02 | .89 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 82 | 95 | 105 | 113 | |
| | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 83 | 95 | 104 | 111 | |
| | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 84 | 95 | 103 | 108 | |
| | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 84 | 95 | 102 | 107 | |
| | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 86 | 95 | 101 | 106 | |
| | 07 | 1.7 | 1.0 | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 86 | 95 | 101 | 106 | |
| | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 87 | 95 | 100 | 105 | |
| | 09 | 1.9 | 1.3 | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 89 | 95 | 100 | 105 | |
| | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 89 | 95 | 100 | 105 | |
| | 11 | 2.1 | 1.6 | 2.1 | 3.1 | 3.5 | 4.3 | 5.0 | 6.1 | 6.6 | 9.7 | 11.2 | 14.8 | 89 | 95 | 100 | 105 | |
| | 12 | 2.2 | 1.7 | 2.3 | 3.4 | 3.9 | 4.7 | 5.5 | 6.7 | 7.2 | 10.6 | 12.2 | 16.2 | 89 | 95 | 100 | 105 | |
| | 13 | 2.3 | 1.9 | 2.5 | 3.6 | 4.2 | 5.1 | 5.9 | 7.3 | 7.8 | 11.5 | 13.3 | 17.5 | 89 | 95 | 100 | 105 | |
| | 14 | 2.4 | 2.0 | 2.7 | 3.9 | 4.5 | 5.5 | 6.4 | 7.8 | 8.4 | 12.4 | 14.3 | 18.9 | 89 | 95 | 100 | 105 | |
| | 15 | 2.5 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 90 | 95 | 100 | 105 | |
| | 16 | 2.5 | 2.3 | 3.1 | 4.5 | 5.2 | 6.3 | 7.3 | 8.9 | 9.6 | 14.1 | 16.3 | 22 | 90 | 95 | 100 | 105 | |
| | 18 | 2.7 | 2.6 | 3.4 | 5.0 | 5.8 | 7.1 | 8.2 | 10.1 | 10.9 | 15.9 | 18.3 | 24 | 90 | 95 | 100 | 105 | |
| | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 90 | 95 | 100 | 105 | |
| | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 91 | 95 | 101 | 105 | |
| | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 92 | 95 | 100 | 105 | |
| | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 93 | 95 | 99 | 103 | |
| | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 93 | 95 | 99 | 103 | |
| | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 93 | 95 | 99 | 103 | |

Hay disponibles otros tipos de cuerpos. Contacte a su representante para mayor información.



Spraying Systems Co.®

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Boquillas **Unijet®** ASPERSIÓN ESTÁNDAR

C

DATOS DE DESEMPEÑO

TPU

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | | | Ángulo de Aspersión (°)* | | | |
|-----------------------------|--------|----------------------------|--------------------------------|------|------|------|------|------|------|------|------|------|------|-----|--------------------------|----|-----|--|
| | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 | |
| 80° | 0050 | .46 | — | — | .14 | .16 | .20 | .23 | .28 | .30 | .44 | .51 | .67 | 61 | 80 | 95 | 101 | |
| | 0067 | .53 | — | .13 | .19 | .22 | .26 | .31 | .37 | .40 | .59 | .68 | .90 | 67 | 80 | 94 | 99 | |
| | 01 | .66 | — | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 68 | 80 | 89 | 92 | |
| | 015 | .81 | — | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 68 | 80 | 89 | 92 | |
| | 02 | .89 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 69 | 80 | 88 | 91 | |
| | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 70 | 80 | 87 | 90 | |
| | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 71 | 80 | 86 | 89 | |
| | 045 | 1.4 | .65 | .86 | 1.3 | 1.5 | 1.8 | 2.1 | 2.5 | 2.7 | 4.0 | 4.6 | 6.1 | 71 | 80 | 86 | 89 | |
| | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 71 | 80 | 86 | 89 | |
| | 06 | 1.6 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 72 | 80 | 85 | 88 | |
| | 07 | 1.7 | 1.0 | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 72 | 80 | 85 | 88 | |
| | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 72 | 80 | 84 | 87 | |
| | 09 | 1.9 | 1.3 | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 73 | 73 | 73 | 73 | |
| | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 73 | 80 | 84 | 87 | |
| | 11 | 2.1 | 1.6 | 2.1 | 3.1 | 3.5 | 4.3 | 5.0 | 6.1 | 6.6 | 9.7 | 11.2 | 14.8 | 73 | 73 | 73 | 73 | |
| | 12 | 2.2 | 1.7 | 2.3 | 3.4 | 3.9 | 4.7 | 5.5 | 6.7 | 7.2 | 10.6 | 12.2 | 16.2 | 73 | 73 | 73 | 73 | |
| | 13 | 2.3 | 1.9 | 2.5 | 3.6 | 4.2 | 5.1 | 5.9 | 7.3 | 7.8 | 11.5 | 13.3 | 17.5 | 73 | 73 | 73 | 73 | |
| | 14 | 2.4 | 2.0 | 2.7 | 3.9 | 4.5 | 5.5 | 6.4 | 7.8 | 8.4 | 12.4 | 14.3 | 18.9 | 73 | 73 | 73 | 73 | |
| | 15 | 2.5 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 74 | 80 | 83 | 86 | |
| | 16 | 2.5 | 2.3 | 3.1 | 4.5 | 5.2 | 6.3 | 7.3 | 8.9 | 9.6 | 14.1 | 16.3 | 22 | 74 | 80 | 83 | 86 | |
| | 17 | 2.6 | 2.5 | 3.2 | 4.7 | 5.5 | 6.7 | 7.8 | 9.5 | 10.3 | 15.0 | 17.3 | 23 | 74 | 80 | 83 | 86 | |
| | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 74 | 80 | 83 | 86 | |
| | 25 | 3.1 | 3.6 | 4.8 | 7.0 | 8.1 | 9.9 | 11.4 | 14.0 | 15.1 | 22 | 25 | 34 | 74 | 80 | 83 | 86 | |
| | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 74 | 80 | 83 | 86 | |
| | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 74 | 80 | 83 | 86 | |
| | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 74 | 80 | 83 | 85 | |
| | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 75 | 80 | 83 | 85 | |
| | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 75 | 80 | 83 | 86 | |
| 73° | 0023 | .30 | — | .064 | .074 | .091 | .10 | .13 | .14 | .20 | .23 | .31 | 50 | 73 | 89 | 97 | | |
| | 0039 | .41 | — | .074 | .11 | .13 | .15 | .18 | .22 | .24 | .34 | .40 | .53 | 53 | 73 | 87 | 93 | |
| | 0077 | .58 | — | .15 | .21 | .25 | .30 | .35 | .43 | .46 | .68 | .78 | 1.0 | 53 | 73 | 86 | 92 | |
| | 0116 | .71 | .17 | .22 | .32 | .37 | .46 | .53 | .65 | .70 | 1.0 | 1.2 | 1.6 | 54 | 73 | 85 | 90 | |
| | 0154 | .81 | .22 | .29 | .43 | .50 | .61 | .70 | .86 | .93 | 1.4 | 1.6 | 2.1 | 55 | 73 | 84 | 88 | |
| | 0231 | .96 | .33 | .44 | .64 | .74 | .91 | 1.1 | 1.3 | 1.4 | 2.0 | 2.4 | 3.1 | 56 | 73 | 83 | 87 | |
| | 0308 | 1.1 | .44 | .59 | .86 | .99 | 1.2 | 1.4 | 1.7 | 1.9 | 2.7 | 3.1 | 4.2 | 58 | 73 | 82 | 86 | |
| | 0385 | 1.2 | .56 | .73 | 1.1 | 1.2 | 1.5 | 1.8 | 2.1 | 2.3 | 3.4 | 3.9 | 5.2 | 59 | 73 | 81 | 85 | |
| | 0462 | 1.4 | .67 | .88 | 1.3 | 1.5 | 1.8 | 2.1 | 2.6 | 2.8 | 4.1 | 4.7 | 6.2 | 60 | 73 | 80 | 84 | |
| | 0616 | 1.6 | .89 | 1.2 | 1.7 | 2.0 | 2.4 | 2.8 | 3.4 | 3.7 | 5.4 | 6.3 | 8.3 | 63 | 73 | 79 | 83 | |
| | 0770 | 1.8 | 1.1 | 1.5 | 2.1 | 2.5 | 3.0 | 3.5 | 4.3 | 4.6 | 6.8 | 7.8 | 10.4 | 64 | 73 | 77 | 82 | |
| | 0924 | 1.9 | 1.3 | 1.8 | 2.6 | 3.0 | 3.6 | 4.2 | 5.2 | 5.6 | 8.2 | 9.4 | 12.5 | 65 | 73 | 77 | 80 | |

Hay disponibles otros tipos de cuerpos. Contacte a su representante para mayor información.



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Experts in Spray Technology



BOQUILLAS **Unijet®** ASPERSIÓN ESTÁNDAR

DATOS DE DESEMPEÑO



BOQUILLAS DE ASPERSIÓN PLANA

TPU

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | | Ángulo de Aspersión (°)* | | | |
|-----------------------------|--------|----------------------------|--------------------------------|------|------|------|------|------|------|------|------|------|------|--------------------------|----|----|----|
| | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 |
| 65° | 0017 | .28 | — | — | .047 | .055 | .067 | .078 | .095 | .10 | .15 | .17 | .23 | 44 | 65 | 77 | 86 |
| | 0025 | .33 | — | — | .070 | .081 | .099 | .11 | .14 | .15 | .22 | .25 | .34 | 45 | 65 | 77 | 84 |
| | 0033 | .38 | — | — | .092 | .11 | .13 | .15 | .18 | .20 | .29 | .34 | .45 | 47 | 65 | 76 | 83 |
| | 0050 | .46 | — | — | .14 | .16 | .20 | .23 | .28 | .30 | .44 | .51 | .67 | 48 | 65 | 75 | 82 |
| | 0067 | .53 | — | .13 | .19 | .22 | .26 | .31 | .37 | .40 | .59 | .68 | .90 | 50 | 65 | 75 | 81 |
| | 01 | .66 | — | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 51 | 65 | 74 | 80 |
| | 015 | .81 | — | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 51 | 65 | 74 | 80 |
| | 02 | .89 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 52 | 65 | 73 | 79 |
| | 025 | .99 | .36 | .48 | .70 | .81 | .99 | 1.1 | 1.4 | 1.5 | 2.2 | 2.5 | 3.4 | 80 | 65 | 73 | 79 |
| | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 53 | 65 | 72 | 78 |
| | 035 | 1.2 | .50 | .67 | .98 | 1.1 | 1.4 | 1.6 | 2.0 | 2.1 | 3.1 | 3.6 | 4.7 | 83 | 65 | 72 | 78 |
| | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 53 | 65 | 72 | 76 |
| | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 53 | 65 | 72 | 76 |
| | 055 | 1.5 | .79 | 1.0 | 1.5 | 1.8 | 2.2 | 2.5 | 3.1 | 3.3 | 4.9 | 5.6 | 7.4 | 53 | 65 | 72 | 76 |
| | 06 | 1.6 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 54 | 65 | 72 | 75 |
| | 07 | 1.7 | 1.0 | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 54 | 65 | 72 | 75 |
| | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 55 | 65 | 71 | 74 |
| | 09 | 1.9 | 1.3 | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 55 | 65 | 71 | 74 |
| | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 56 | 65 | 71 | 74 |
| | 11 | 2.1 | 1.6 | 2.1 | 3.1 | 3.5 | 4.3 | 5.0 | 6.1 | 6.6 | 9.7 | 11.2 | 14.8 | 56 | 65 | 71 | 74 |
| | 12 | 2.2 | 1.7 | 2.3 | 3.4 | 3.9 | 4.7 | 5.5 | 6.7 | 7.2 | 10.6 | 12.2 | 16.2 | 56 | 65 | 71 | 74 |
| | 13 | 2.3 | 1.9 | 2.5 | 3.6 | 4.2 | 5.1 | 5.9 | 7.3 | 7.8 | 11.5 | 13.3 | 17.5 | 56 | 65 | 71 | 74 |
| | 14 | 2.4 | 2.0 | 2.7 | 3.9 | 4.5 | 5.5 | 6.4 | 7.8 | 8.4 | 12.4 | 14.3 | 18.9 | 56 | 65 | 71 | 74 |
| | 15 | 2.5 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 56 | 65 | 70 | 73 |
| | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 57 | 65 | 70 | 73 |
| | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 58 | 65 | 69 | 72 |
| | 40 | 3.8 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 59 | 65 | 68 | 72 |
| | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 60 | 65 | 68 | 71 |
| | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 60 | 65 | 68 | 71 |
| | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 60 | 65 | 68 | 71 |
| 50° | 0017 | .28 | — | — | .047 | .055 | .067 | .078 | .095 | .10 | .15 | .17 | .23 | 27 | 50 | 65 | 74 |
| | 0025 | .33 | — | — | .070 | .081 | .099 | .11 | .14 | .15 | .22 | .25 | .34 | 29 | 50 | 64 | 71 |
| | 0033 | .38 | — | — | .092 | .11 | .13 | .15 | .18 | .20 | .29 | .34 | .45 | 30 | 50 | 62 | 68 |
| | 0050 | .46 | — | — | .14 | .16 | .20 | .23 | .28 | .30 | .44 | .51 | .67 | 32 | 50 | 60 | 66 |
| | 0067 | .53 | — | — | .19 | .22 | .26 | .31 | .37 | .40 | .59 | .68 | .90 | 35 | 50 | 60 | 66 |
| | 01 | .66 | — | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 37 | 50 | 59 | 65 |
| | 015 | .81 | — | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 38 | 50 | 58 | 64 |
| | 02 | .89 | — | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 39 | 50 | 57 | 63 |
| | 025 | .99 | .36 | .48 | .70 | .81 | .99 | 1.1 | 1.4 | 1.5 | 2.2 | 2.5 | 3.4 | 40 | 50 | 57 | 63 |
| | 03 | 1.1 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 40 | 50 | 56 | 62 |
| | 035 | 1.2 | .50 | .67 | .98 | 1.1 | 1.4 | 1.6 | 2.0 | 2.1 | 3.1 | 3.6 | 4.7 | 40 | 50 | 56 | 61 |
| | 04 | 1.3 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 42 | 50 | 56 | 61 |
| | 05 | 1.4 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 44 | 50 | 56 | 61 |

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Boquillas **Unijet®** ASPERSIÓN ESTÁNDAR

C

DATOS DE DESEMPEÑO

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | | | Ángulo de Aspersión (°)* | | | |
|-----------------------------|--------|----------------------------|--------------------------------|------|------|------|------|------|------|------|------|------|------|-----|--------------------------|----|----|--|
| | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 | |
| 50° | 06 | 1.5 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 45 | 50 | 56 | 60 | |
| | 07 | 1.7 | 1.0 | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 45 | 50 | 56 | 60 | |
| | 075 | 1.7 | 1.1 | 1.4 | 2.1 | 2.4 | 3.0 | 3.4 | 4.2 | 4.5 | 6.6 | 7.6 | 10.1 | 45 | 50 | 55 | 60 | |
| | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 45 | 50 | 55 | 60 | |
| | 09 | 1.9 | 1.3 | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 45 | 50 | 55 | 59 | |
| | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 45 | 50 | 55 | 59 | |
| | 13 | 2.3 | 1.9 | 2.5 | 3.6 | 4.2 | 5.1 | 5.9 | 7.3 | 7.8 | 11.5 | 13.3 | 17.5 | 45 | 50 | 55 | 59 | |
| | 15 | 2.5 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 45 | 50 | 55 | 59 | |
| | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 45 | 50 | 55 | 59 | |
| | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 45 | 50 | 55 | 59 | |
| | 40 | 3.8 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 46 | 50 | 54 | 59 | |
| | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 46 | 50 | 54 | 59 | |
| | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 46 | 50 | 54 | 59 | |
| | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 46 | 50 | 54 | 59 | |
| 40° | 0017 | .28 | — | — | .047 | .055 | .067 | .078 | .095 | .10 | .15 | .17 | .23 | 21 | 40 | 54 | 61 | |
| | 0025 | .33 | — | — | .070 | .081 | .099 | .11 | .14 | .15 | .22 | .25 | .34 | 22 | 40 | 53 | 60 | |
| | 0033 | .38 | — | — | .092 | .11 | .13 | .15 | .18 | .20 | .29 | .34 | .45 | 22 | 40 | 53 | 60 | |
| | 0050 | .46 | — | — | .14 | .16 | .20 | .23 | .28 | .30 | .44 | .51 | .67 | 22 | 40 | 53 | 60 | |
| | 0067 | .53 | — | — | .19 | .22 | .26 | .31 | .37 | .40 | .59 | .68 | .90 | 24 | 40 | 53 | 60 | |
| | 01 | .66 | — | — | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 26 | 40 | 52 | 59 | |
| | 015 | .81 | — | — | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 27 | 40 | 52 | 59 | |
| | 02 | .89 | — | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 29 | 40 | 51 | 58 | |
| | 025 | .99 | — | .48 | .70 | .81 | .99 | 1.1 | 1.4 | 1.5 | 2.2 | 2.5 | 3.4 | 29 | 40 | 51 | 58 | |
| | 03 | 1.1 | — | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 30 | 40 | 50 | 57 | |
| | 04 | 1.3 | — | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 30 | 40 | 50 | 56 | |
| | 05 | 1.4 | — | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 31 | 40 | 49 | 55 | |
| | 055 | 1.5 | — | 1.0 | 1.5 | 1.8 | 2.2 | 2.5 | 3.1 | 3.3 | 4.9 | 5.6 | 7.4 | 31 | 40 | 49 | 55 | |
| | 06 | 1.6 | — | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 31 | 40 | 49 | 55 | |
| | 07 | 1.7 | 1.0 | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 31 | 40 | 49 | 55 | |
| | 08 | 1.8 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 31 | 40 | 47 | 53 | |
| | 09 | 1.9 | 1.3 | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 32 | 40 | 45 | 48 | |
| | 10 | 2.0 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 32 | 40 | 45 | 48 | |
| | 11 | 2.1 | 1.6 | 2.1 | 3.1 | 3.5 | 4.3 | 5.0 | 6.1 | 6.6 | 9.7 | 11.2 | 14.8 | 32 | 40 | 45 | 48 | |
| | 12 | 2.2 | 1.7 | 2.3 | 3.4 | 3.9 | 4.7 | 5.5 | 6.7 | 7.2 | 10.6 | 12.2 | 16.2 | 32 | 40 | 45 | 48 | |
| | 13 | 2.3 | 1.9 | 2.5 | 3.6 | 4.2 | 5.1 | 5.9 | 7.3 | 7.8 | 11.5 | 13.3 | 17.5 | 32 | 40 | 45 | 48 | |
| | 15 | 2.5 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 32 | 40 | 45 | 48 | |
| | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 32 | 40 | 45 | 48 | |
| | 25 | 3.1 | 3.6 | 4.8 | 7.0 | 8.1 | 9.9 | 11.4 | 14.0 | 15.1 | 22 | 25 | 34 | 32 | 40 | 45 | 48 | |
| | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 33 | 40 | 45 | 48 | |
| | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 34 | 40 | 45 | 48 | |
| | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 35 | 40 | 45 | 48 | |
| | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 35 | 40 | 45 | 48 | |
| | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 35 | 40 | 45 | 48 | |



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DATOS DE DESEMPEÑO



BOQUILLAS DE ASPERSIÓN PLANA

TPU

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | Ángulo de Aspersión (°)* | | | | |
|-----------------------------|--------|----------------------------|--------------------------------|------|------|------|------|------|------|------|------|------|--------------------------|-----|----|----|----|
| | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 |
| 25° | 0017 | .28 | — | — | — | .055 | .067 | .078 | .095 | .10 | .15 | .17 | .23 | — | 25 | 35 | 47 |
| | 0025 | .33 | — | — | — | .081 | .099 | .11 | .14 | .15 | .22 | .25 | .34 | — | 25 | 35 | 45 |
| | 0033 | .38 | — | — | — | .11 | .13 | .15 | .18 | .20 | .29 | .34 | .45 | — | 25 | 34 | 44 |
| | 0050 | .46 | — | — | — | .16 | .20 | .23 | .28 | .30 | .44 | .51 | .67 | — | 25 | 34 | 43 |
| | 0067 | .53 | — | — | — | .22 | .26 | .31 | .37 | .40 | .59 | .68 | .90 | — | 25 | 34 | 42 |
| | 01 | .66 | — | — | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | 14 | 25 | 34 | 42 |
| | 015 | .81 | — | — | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | 15 | 25 | 34 | 41 |
| | 02 | .89 | — | — | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 15 | 25 | 33 | 40 |
| | 03 | 1.1 | — | — | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 15 | 25 | 33 | 40 |
| | 04 | 1.3 | — | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 16 | 25 | 32 | 39 |
| | 05 | 1.4 | — | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 16 | 25 | 32 | 39 |
| | 055 | 1.5 | — | 1.0 | 1.5 | 1.8 | 2.2 | 2.5 | 3.1 | 3.3 | 4.9 | 5.6 | 7.4 | 16 | 25 | 32 | 39 |
| | 06 | 1.6 | — | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 17 | 25 | 31 | 38 |
| | 07 | 1.7 | — | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 17 | 25 | 31 | 38 |
| | 08 | 1.8 | — | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 17 | 25 | 31 | 38 |
| | 09 | 1.9 | — | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 17 | 25 | 31 | 38 |
| | 10 | 2.0 | — | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 18 | 25 | 31 | 37 |
| | 13 | 2.3 | — | 2.5 | 3.6 | 4.2 | 5.1 | 5.9 | 7.3 | 7.8 | 11.5 | 13.3 | 17.5 | 18 | 25 | 31 | 37 |
| | 15 | 2.5 | — | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 18 | 25 | 31 | 37 |
| | 20 | 2.8 | — | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 19 | 25 | 31 | 37 |
| | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 20 | 25 | 30 | 36 |
| | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 21 | 25 | 29 | 35 |
| | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 21 | 25 | 29 | 35 |
| | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 22 | 25 | 29 | 35 |
| | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 22 | 25 | 29 | 35 |
| 15° | 0017 | .28 | — | — | — | .055 | .067 | .078 | .095 | .10 | .15 | .17 | .23 | — | 15 | 30 | 37 |
| | 0025 | .33 | — | — | — | .081 | .099 | .11 | .14 | .15 | .22 | .25 | .34 | — | 15 | 28 | 34 |
| | 0033 | .38 | — | — | — | .11 | .13 | .15 | .18 | .20 | .29 | .34 | .45 | — | 15 | 27 | 32 |
| | 0050 | .46 | — | — | — | .16 | .20 | .23 | .28 | .30 | .44 | .51 | .67 | — | 15 | 26 | 30 |
| | 0067 | .53 | — | — | — | .22 | .26 | .31 | .37 | .40 | .59 | .68 | .90 | — | 15 | 25 | 29 |
| | 01 | .66 | — | — | — | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | — | 15 | 24 | 28 |
| | 015 | .81 | — | — | — | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | — | 15 | 23 | 27 |
| | 02 | .89 | — | — | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | 6 | 15 | 22 | 27 |
| | 03 | 1.1 | — | — | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | 6 | 15 | 22 | 27 |
| | 04 | 1.3 | — | — | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | 7 | 15 | 21 | 26 |
| | 05 | 1.4 | — | — | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | 7 | 15 | 21 | 26 |
| | 055 | 1.5 | — | — | 1.5 | 1.8 | 2.2 | 2.5 | 3.1 | 3.3 | 4.9 | 5.6 | 7.4 | 7 | 15 | 21 | 26 |
| | 06 | 1.6 | — | — | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | 8 | 15 | 21 | 26 |
| | 07 | 1.7 | — | — | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | 8 | 15 | 21 | 26 |
| | 08 | 1.8 | — | — | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | 9 | 15 | 20 | 25 |
| | 09 | 1.9 | — | — | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | 9 | 15 | 20 | 25 |
| | 10 | 2.0 | — | — | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | 10 | 15 | 19 | 24 |
| | 11 | 2.1 | — | 2.1 | 3.1 | 3.5 | 4.3 | 5.0 | 6.1 | 6.6 | 9.7 | 11.2 | 14.8 | 10 | 15 | 19 | 24 |

Hay disponibles otros tipos de cuerpos. Contacte a su representante para mayor información.



Spraying Systems Co.®
Experts in Spray Technology



Boquillas **Unijet®** ASPERSIÓN ESTÁNDAR

C

BOQUILLAS DE
ASPERSIÓN PIANA

DATOS DE DESEMPEÑO

TPU

*A la presión indicada en bar.

| Ángulo de Aspersión a 3 bar | Tamaño | Equiv. Diam. Orificio (mm) | Capacidad (litros por minuto)* | | | | | | | | | | | Ángulo de Aspersión (°)* | | | |
|-----------------------------|--------|----------------------------|--------------------------------|------|------|------|------|------|------|------|------|------|------|--------------------------|----|----|----|
| | | | 0.4 | 0.7 | 1.5 | 2 | 3 | 4 | 6 | 7 | 15 | 20 | 35 | 1.5 | 3 | 6 | 15 |
| 15° | 12 | 2.2 | 1.7 | 2.3 | 3.4 | 3.9 | 4.7 | 5.5 | 6.7 | 7.2 | 10.6 | 12.2 | 16.2 | 10 | 15 | 19 | 24 |
| | 15 | 2.5 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | 10 | 15 | 19 | 24 |
| | 20 | 2.8 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | 10 | 15 | 19 | 23 |
| | 30 | 3.4 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | 10 | 15 | 19 | 21 |
| | 40 | 3.9 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | 10 | 15 | 18 | 21 |
| | 50 | 4.4 | 7.2 | 9.5 | 14.0 | 16.1 | 19.7 | 23 | 28 | 30 | 44 | 51 | 67 | 11 | 15 | 18 | 21 |
| | 60 | 4.8 | 8.6 | 11.4 | 16.8 | 19.3 | 24 | 27 | 34 | 36 | 53 | 61 | 81 | 11 | 15 | 18 | 21 |
| | 70 | 5.2 | 10.1 | 13.3 | 19.5 | 23 | 28 | 32 | 39 | 42 | 62 | 71 | 94 | 11 | 15 | 18 | 21 |
| 0° | 0009 | .20 | .013 | .017 | .025 | .029 | .036 | .041 | .050 | .054 | .079 | .092 | .12 | 0 Chorro Sólido | | | |
| | 0012 | .25 | .017 | .023 | .034 | .039 | .047 | .055 | .067 | .072 | .11 | .12 | .16 | | | | |
| | 0019 | .30 | .027 | .036 | .053 | .061 | .075 | .087 | .11 | .11 | .17 | .19 | .26 | | | | |
| | 0021 | .33 | .030 | .040 | .059 | .068 | .083 | .096 | .12 | .13 | .19 | .21 | .28 | | | | |
| | 0033 | .41 | .048 | .063 | .092 | .11 | .13 | .15 | .18 | .20 | .29 | .34 | .45 | | | | |
| | 0050 | .48 | .072 | .095 | .14 | .16 | .20 | .23 | .28 | .30 | .44 | .51 | .67 | | | | |
| | 0067 | .58 | .097 | .13 | .19 | .22 | .26 | .31 | .37 | .40 | .59 | .68 | .90 | | | | |
| | 01 | .71 | .14 | .19 | .28 | .32 | .39 | .46 | .56 | .60 | .88 | 1.0 | 1.3 | | | | |
| | 015 | .86 | .22 | .29 | .42 | .48 | .59 | .68 | .84 | .90 | 1.3 | 1.5 | 2.0 | | | | |
| | 02 | .99 | .29 | .38 | .56 | .64 | .79 | .91 | 1.1 | 1.2 | 1.8 | 2.0 | 2.7 | | | | |
| | 03 | 1.2 | .43 | .57 | .84 | .97 | 1.2 | 1.4 | 1.7 | 1.8 | 2.6 | 3.1 | 4.0 | | | | |
| | 04 | 1.4 | .58 | .76 | 1.1 | 1.3 | 1.6 | 1.8 | 2.2 | 2.4 | 3.5 | 4.1 | 5.4 | | | | |
| | 045 | 1.5 | .65 | .86 | 1.3 | 1.5 | 1.8 | 2.1 | 2.5 | 2.7 | 4.0 | 4.6 | 6.1 | | | | |
| | 05 | 1.6 | .72 | .95 | 1.4 | 1.6 | 2.0 | 2.3 | 2.8 | 3.0 | 4.4 | 5.1 | 6.7 | | | | |
| | 055 | 1.7 | .79 | 1.0 | 1.5 | 1.8 | 2.2 | 2.5 | 3.1 | 3.3 | 4.9 | 5.6 | 7.4 | | | | |
| | 06 | 1.7 | .86 | 1.1 | 1.7 | 1.9 | 2.4 | 2.7 | 3.4 | 3.6 | 5.3 | 6.1 | 8.1 | | | | |
| | 065 | 1.8 | .94 | 1.2 | 1.8 | 2.1 | 2.6 | 3.0 | 3.6 | 3.9 | 5.7 | 6.6 | 8.8 | | | | |
| | 07 | 1.9 | 1.0 | 1.3 | 2.0 | 2.3 | 2.8 | 3.2 | 3.9 | 4.2 | 6.2 | 7.1 | 9.4 | | | | |
| | 08 | 2.0 | 1.2 | 1.5 | 2.2 | 2.6 | 3.2 | 3.6 | 4.5 | 4.8 | 7.1 | 8.2 | 10.8 | | | | |
| | 09 | 2.1 | 1.3 | 1.7 | 2.5 | 2.9 | 3.6 | 4.1 | 5.0 | 5.4 | 7.9 | 9.2 | 12.1 | | | | |
| | 10 | 2.2 | 1.4 | 1.9 | 2.8 | 3.2 | 3.9 | 4.6 | 5.6 | 6.0 | 8.8 | 10.2 | 13.5 | | | | |
| | 11 | 2.3 | 1.6 | 2.1 | 3.1 | 3.5 | 4.3 | 5.0 | 6.1 | 6.6 | 9.7 | 11.2 | 14.8 | | | | |
| | 12 | 2.4 | 1.7 | 2.3 | 3.4 | 3.9 | 4.7 | 5.5 | 6.7 | 7.2 | 10.6 | 12.2 | 16.2 | | | | |
| | 15 | 2.7 | 2.2 | 2.9 | 4.2 | 4.8 | 5.9 | 6.8 | 8.4 | 9.0 | 13.2 | 15.3 | 20 | | | | |
| | 20 | 3.1 | 2.9 | 3.8 | 5.6 | 6.4 | 7.9 | 9.1 | 11.2 | 12.1 | 17.7 | 20 | 27 | | | | |
| | 30 | 3.6 | 4.3 | 5.7 | 8.4 | 9.7 | 11.8 | 13.7 | 16.8 | 18.1 | 26 | 31 | 40 | | | | |
| | 40 | 4.1 | 5.8 | 7.6 | 11.2 | 12.9 | 15.8 | 18.2 | 22 | 24 | 35 | 41 | 54 | | | | |

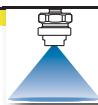
Hay disponibles otros tipos de cuerpos. Contacte a su representante para mayor información.



Spraying Systems Co.
Experts in Spray Technology



BOQUILLAS **UniJet®** ASPERSIÓN ESTÁNDAR



DIMENSIONES Y PESOS

| Estándar | Tipo de Boquilla | Longitud (mm) | Hex. (mm) | Peso Neto (kg) |
|----------|------------------|---------------|-----------|----------------|
| | T+TPU | 48 | 20.6 | .06 |
| | TT+TPU | 48 | 20.6 | .06 |

Basados en la versión más grande y más pesada de cada tipo.

INFORMACIÓN PARA HACER PEDIDO

| BOQUILLA UNIJET COMPLETA | | | | | |
|--------------------------|---------------------|--------------------|---------------------|-----------|--------------------|
| CUERPO DE BOQUILLA | | | PUNTA DE ASPERSIÓN | | |
| 1/4 | TT | - SS | U110 | 10 | - SS |
| Conexión Entrada | Cuerpo de Boquilla | Código de Material | Ángulo de Aspersión | Tamaño | Código de Material |
| SOLO PUNTA | | | | | |
| TPU | - 110 | 10 | - SS | | |
| Tipo de Punta | Ángulo de Aspersión | Tamaño | Código de Material | | |

Para conexiones BSPT se requiere agregar una "B" antes de la conexión de entrada del cuerpo

| Guía de Selección de Malla | |
|-----------------------------|-------------------|
| Diam. Orificio pulg. (mm) | Malla Recomendada |
| Hasta .018 (.46) | 200 |
| .019 (.47) hasta .031 (.79) | 100 |
| .032 (.80) y mayores | 50 |

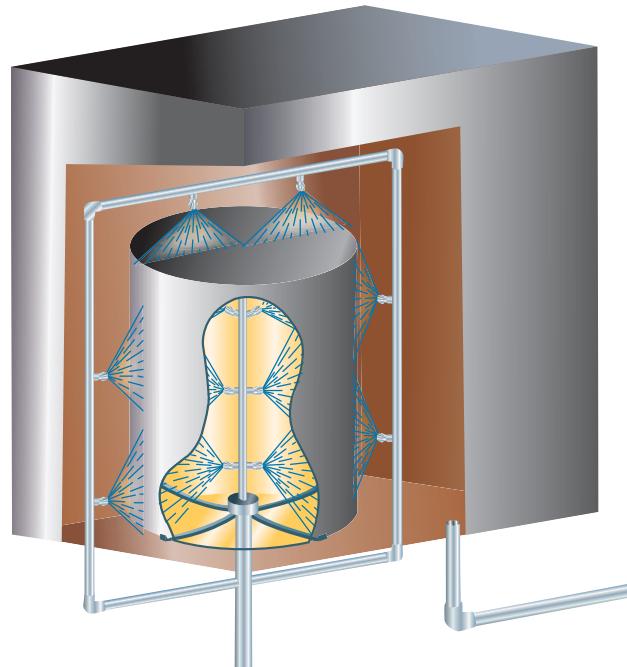


Spraying Systems Co.®
Experts in Spray Technology

MATERIALES

| Material | Código de Material | Punta de Aspersión |
|----------------------|--------------------|--------------------|
| | | TPU |
| Bronce | (sin código) | ● |
| Acero Inoxidable 303 | SS | ● |

Otros materiales disponibles bajo pedido.



Boquillas UniJet con puntas TPU utilizadas en la operación de limpieza de barriles.