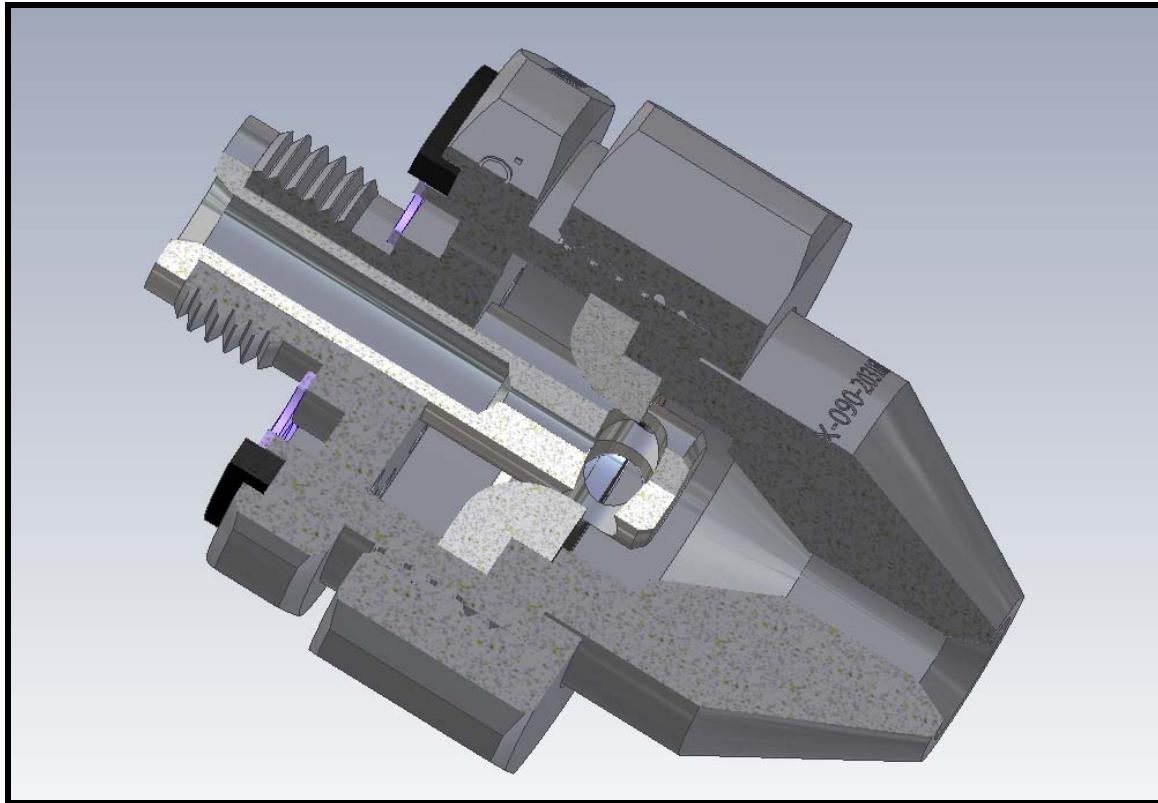


FloMax® “X” Series



FMX015-20

FMX030-20

FMX090-20

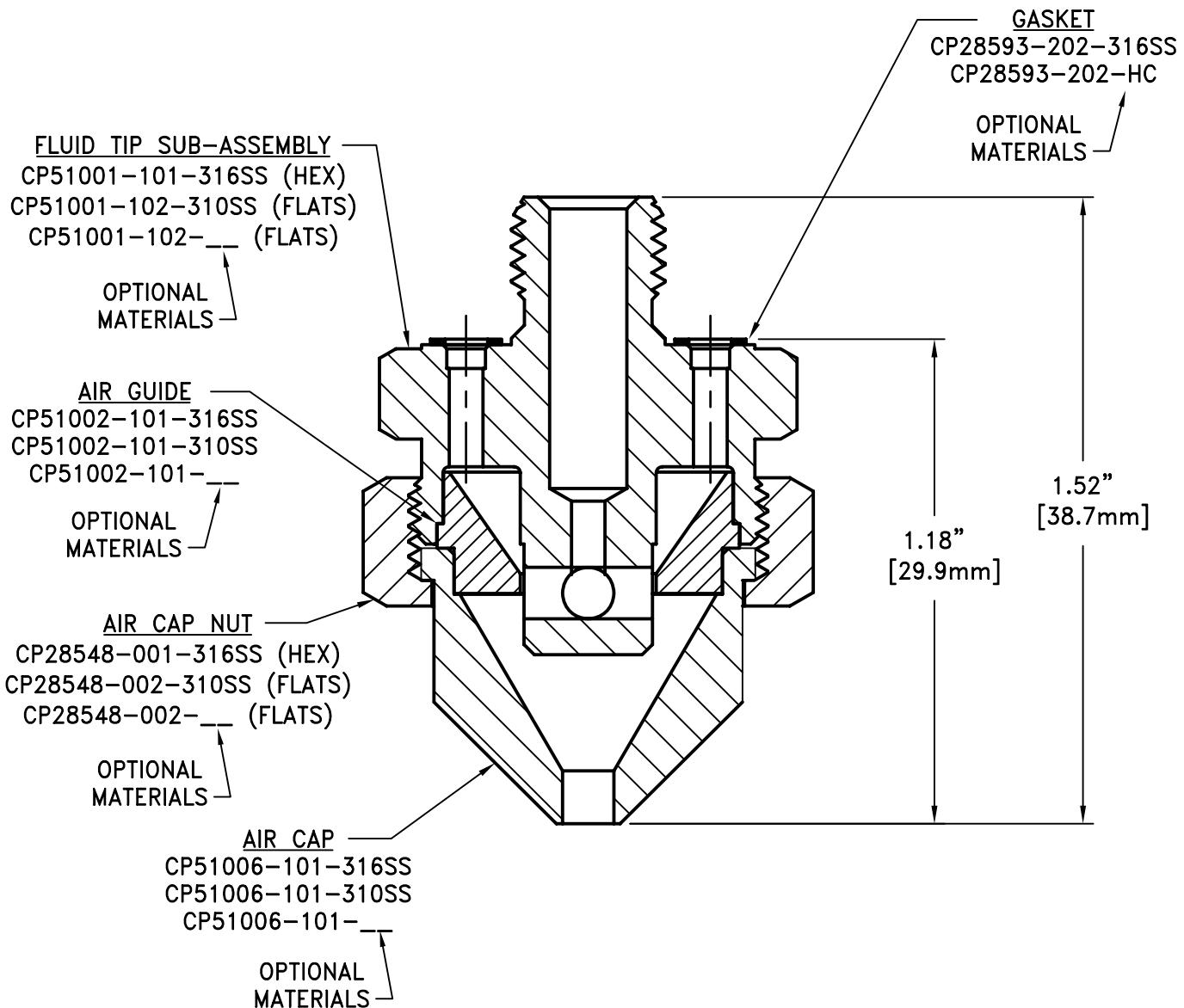
FMX090-55

Dimensional Data Sheets

Performance Data Sheets

Constant Air Pressure

FloMax® "X" Series



MATERIAL: 316SS & 310SS STANDARD
 (OPTIONAL - 22HC)

SPRAY ANGLE: 20°

FLOW RATE: .03 TO .25 gpm
 (.11 TO .95 liters/min.)

- PATENT PENDING MULTI-STAGE ATOMIZATION
- HIGH TURNDOWN CAPABILITIES UP TO 10-1 AT 20-50 psig AIR (1.38-3.45 barg)
- SMALLER DROPS AT LOWER AIR PRESSURES
- TIGHT DROP SIZE CONTROL FOR CRITICAL SPRAY APPLICATIONS
- STANDARD GASKET = 316SS
 ALL OTHER MATERIALS = HC

DESCRIPTION:

FLOMAX® "X" SERIES

FMX015-20
 AIR ATOMIZING NOZZLES

PATENT PENDING



Spraying Systems Co.®

Spray Nozzles and Accessories
 P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. 1

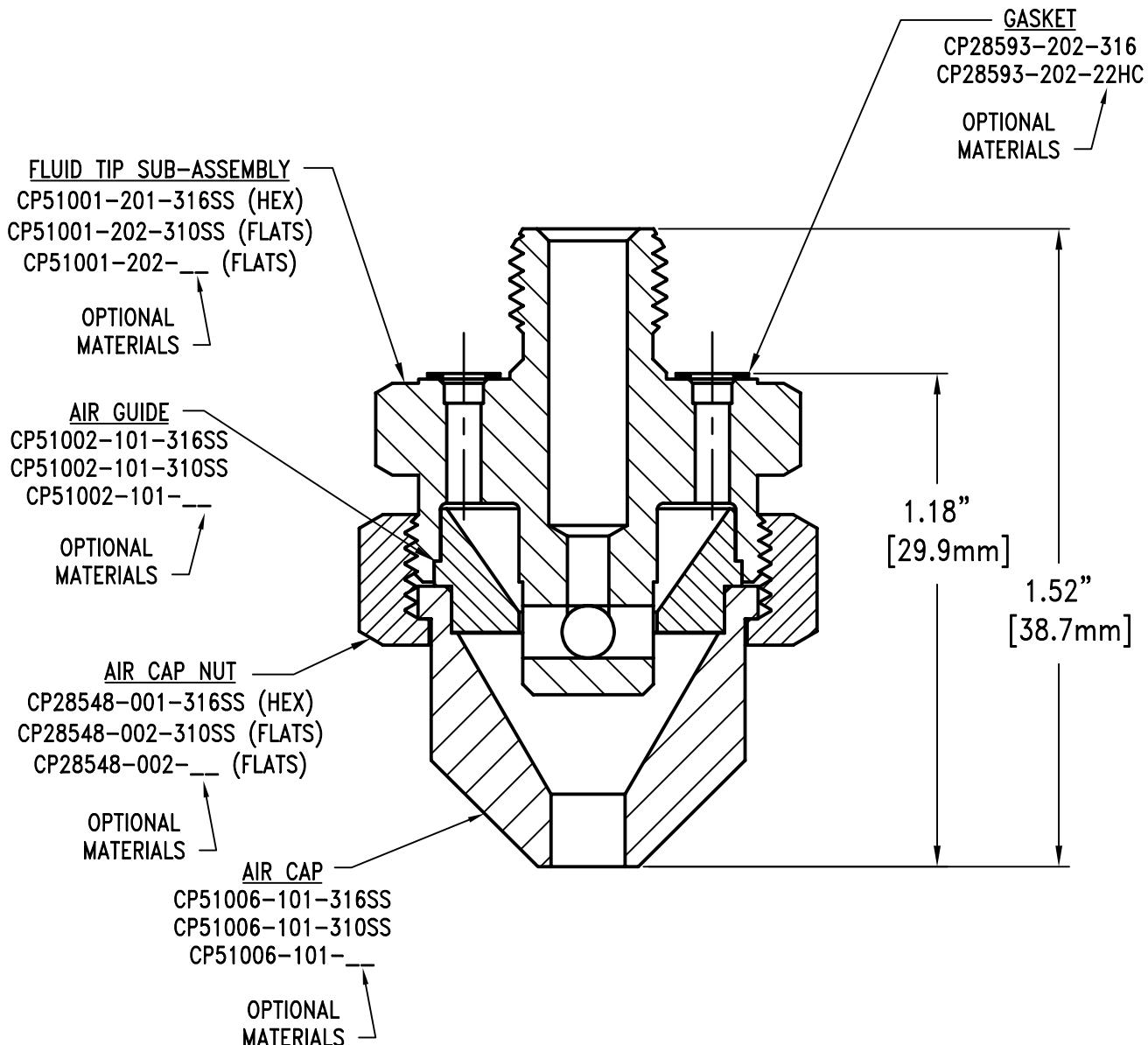
Data Sheet No.

51000-100

SHEET OF

Ref. B

FloMax® "X" Series



MATERIAL: 316SS & 310SS STANDARD
(OPTIONAL - 22HC)

SPRAY ANGLE: 20°

FLOW RATE: .05 TO .5 gpm
(.19 TO 1.9 liters/min.)

- PATENT PENDING MULTI-STAGE ATOMIZATION
- HIGH TURNDOWN CAPABILITIES UP TO 10-1 AT 20-50 psig AIR (1.38-3.45 barg)
- SMALLER DROPS AT LOWER AIR PRESSURES
- TIGHT DROP SIZE CONTROL FOR CRITICAL SPRAY APPLICATIONS
- STANDARD GASKET = 316SS
ALL OTHER MATERIALS = HC

DESCRIPTION:

FLOMAX® "X" SERIES

FMX030-20
AIR ATOMIZING NOZZLES

PATENT PENDING



Spraying Systems Co.®

Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. 1

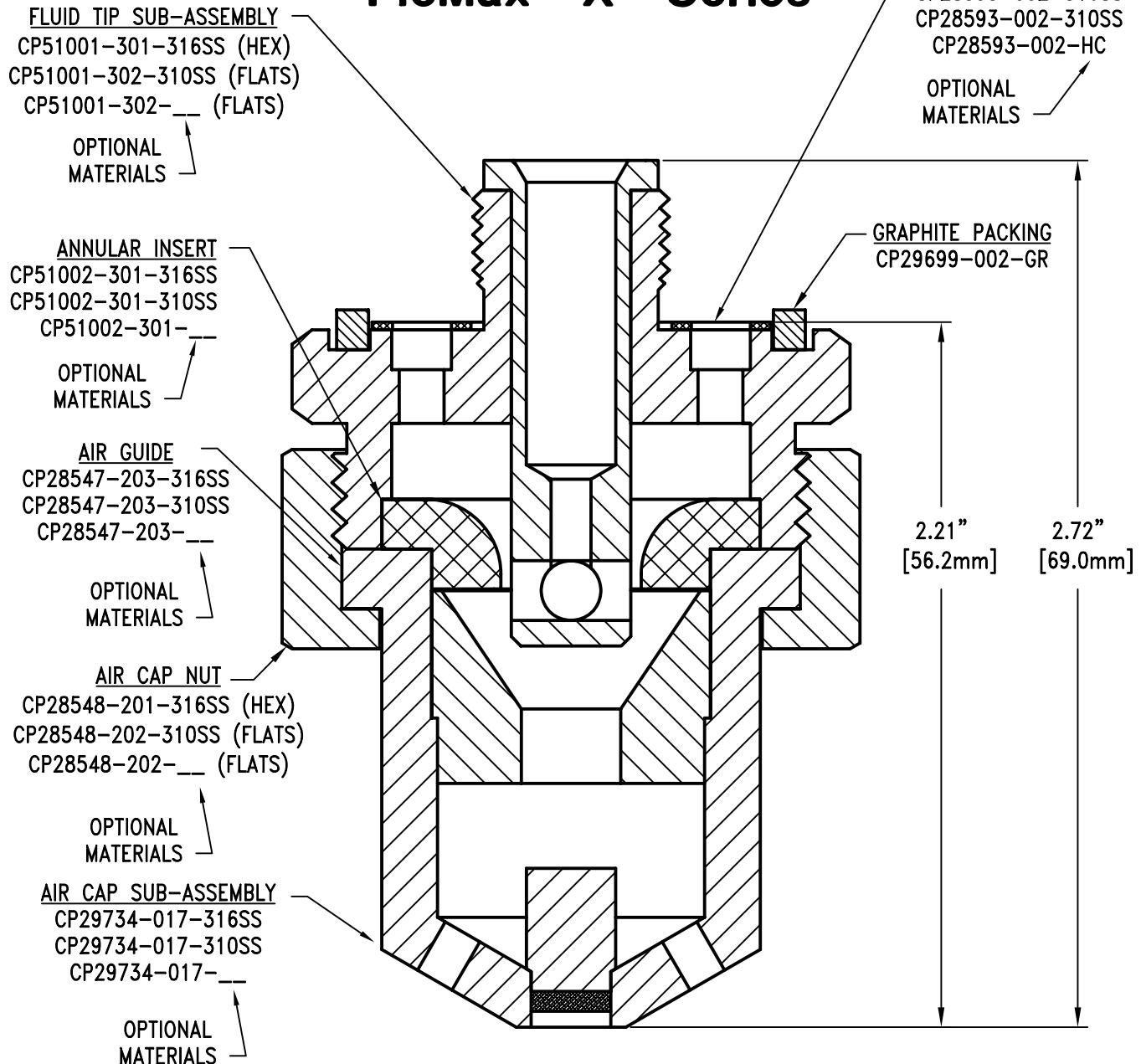
Data Sheet No.

51000-200

SHEET OF

Ref. C

FloMax® "X" Series



MATERIAL: 316SS & 310SS STANDARD
(OPTIONAL - 22HC)

SPRAY ANGLE: 55°

FLOW RATE: .5 TO 1.5 gpm
(1.9 TO 5.7 liters/min.)

- PATENT PENDING MULTI-STAGE ATOMIZATION
- HIGH TURNDOWN CAPABILITIES UP TO 10-1 AT 20-50 psig AIR (1.38-3.45 barg)
- SMALLER DROPS AT LOWER AIR PRESSURES
- TIGHT DROP SIZE CONTROL FOR CRITICAL SPRAY APPLICATIONS
- STANDARD GASKET = 316SS
ALL OTHER MATERIALS = HC

DESCRIPTION:

FLOMAX® "X" SERIES

FMX090-55
AIR ATOMIZING NOZZLES

PATENT PENDING



Spraying Systems Co.®

Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. 1

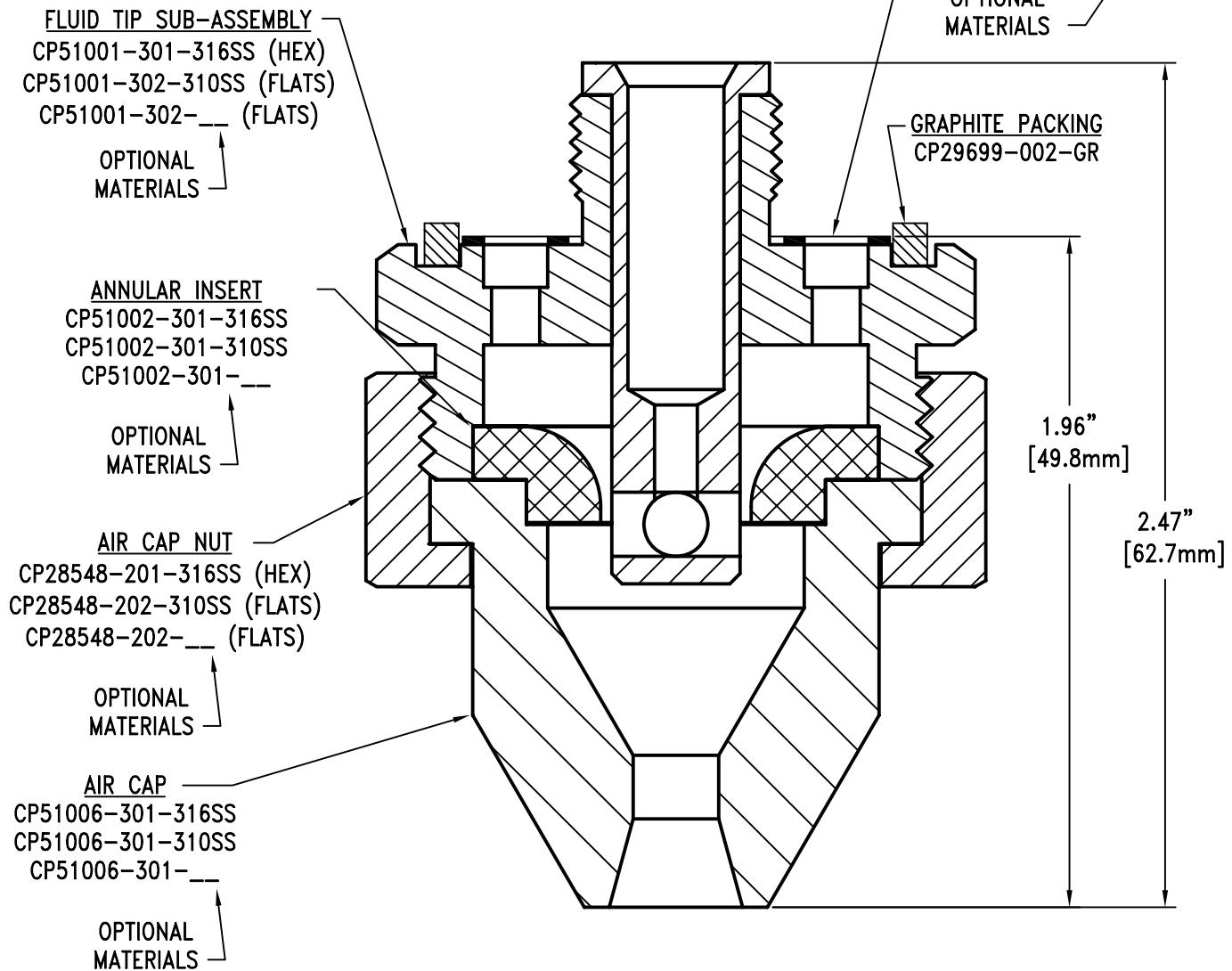
Data Sheet No.

51000-300

SHEET OF

Ref. D

FloMax® "X" Series



MATERIAL: 316SS & 310SS STANDARD
(OPTIONAL - 22HC)

SPRAY ANGLE: 20°

FLOW RATE: .5 TO 1.5 gpm
(1.9 TO 5.7 liters/min.)

- PATENT PENDING MULTI-STAGE ATOMIZATION
- HIGH TURNDOWN CAPABILITIES UP TO 10-1 AT 20-50 psig AIR (1.38-3.45 barg)
- SMALLER DROPS AT LOWER AIR PRESSURES
- TIGHT DROP SIZE CONTROL FOR CRITICAL SPRAY APPLICATIONS
- STANDARD GASKET = 316SS
ALL OTHER MATERIALS = HC

DESCRIPTION:

FLOMAX® "X" SERIES

FMX090-20
AIR ATOMIZING NOZZLES

PATENT PENDING



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Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. 1

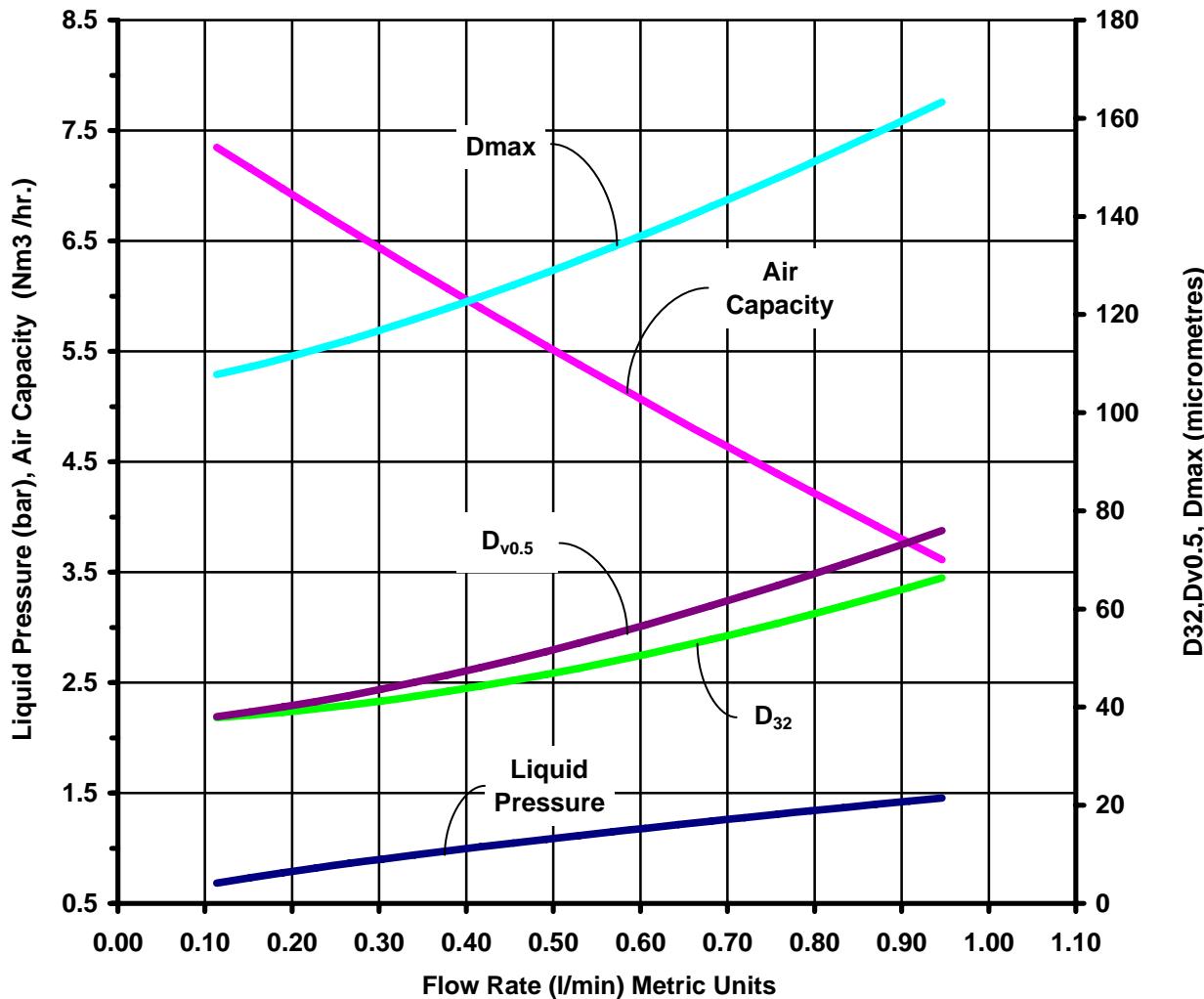
Data Sheet No.

51000-400

Ref. B

SHEET OF

FloMax® FMX015-20 Air Atomizing Nozzle
 @ 1.38 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

FloMax® FMX015
 20° Spray Angle
 Air Atomizing Nozzle
 @ 1.38 bar Air Pressure



Spraying Systems Co.

Spray Nozzles and Accessories

North Avenue at Schmale Rd. P.O. Box 7900
 Wheaton, Ill. 60189-7900

Rev. No.

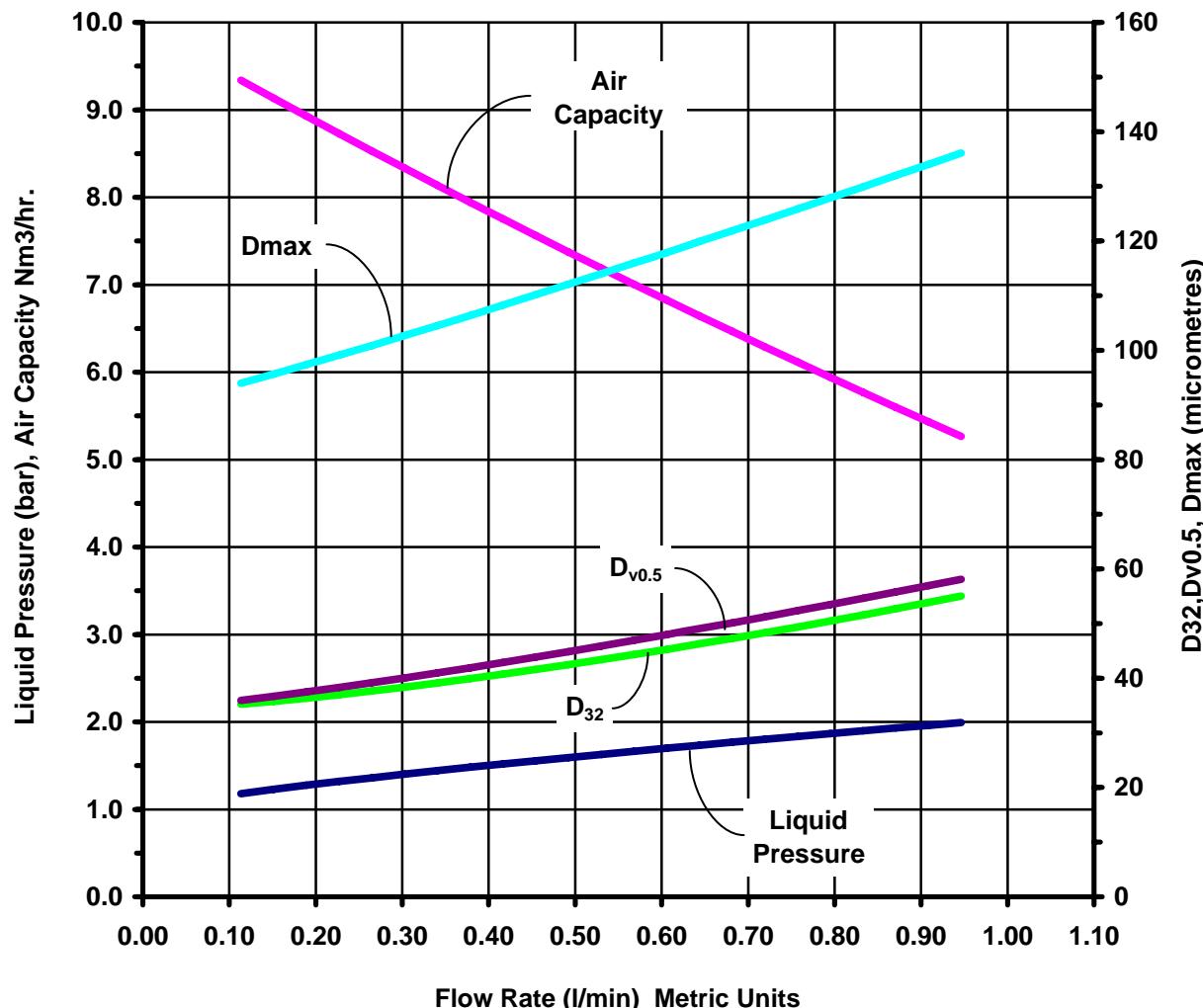
Data Sheet No.

Ref.

55022-1.38

Sheet of

FloMax® FMX015-20 Air Atomizing Nozzle
@ 2.0 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

FloMax® FMX015
20° Spray Angle
Air Atomizing Nozzle
@ 2.0 bar Air Pressure



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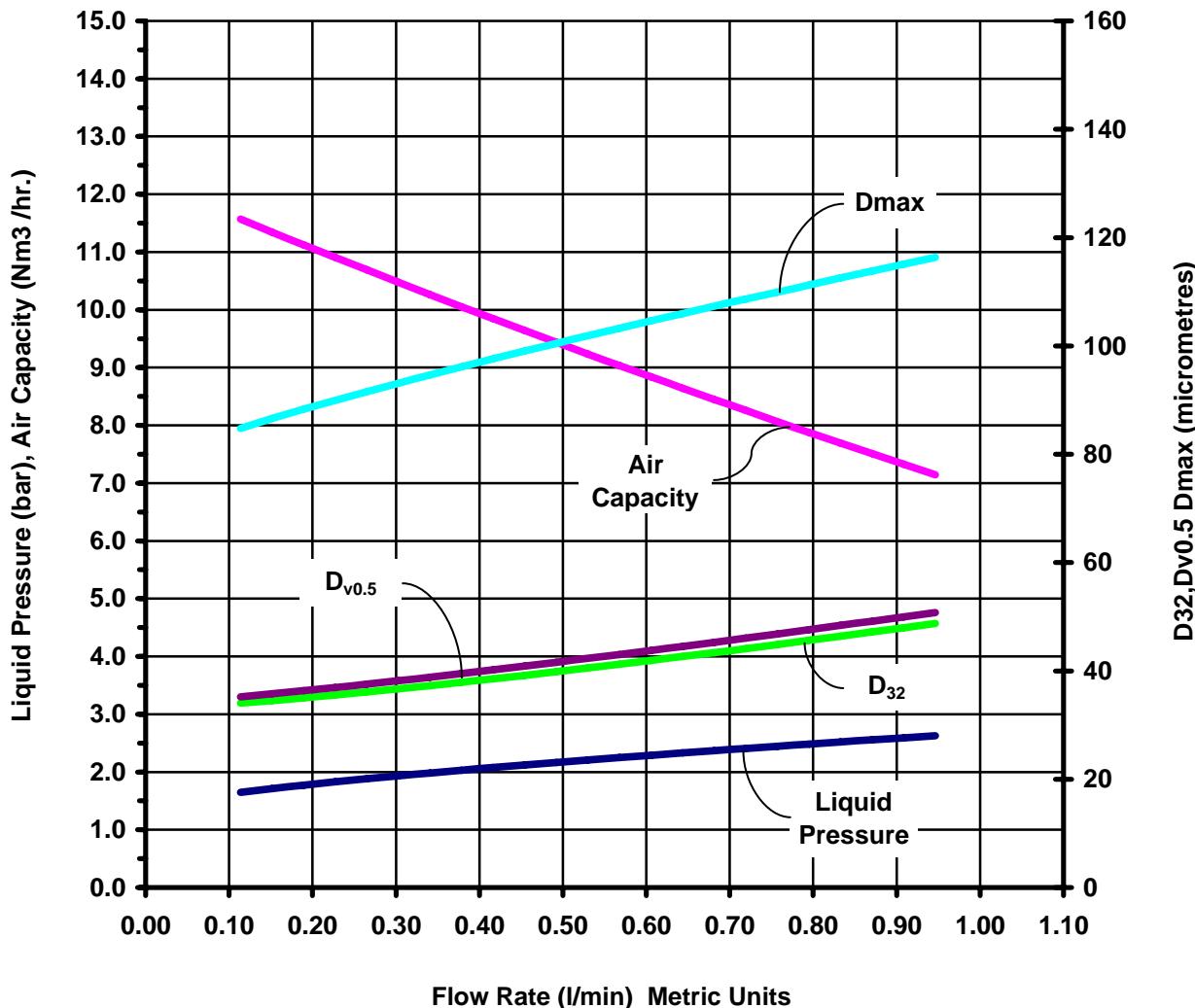
Data Sheet No.

55022-2.0

Sheet of

Ref.

FloMax® FMX015-20 Air Atomizing Nozzle
@ 2.76 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

FloMax® FMX015
20° Spray Angle
Air Atomizing Nozzle
@ 2.76 bar Air Pressure



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Spray Nozzles and Accessories

North Avenue at Schmale Rd. P.O. Box 7900
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Rev. No.

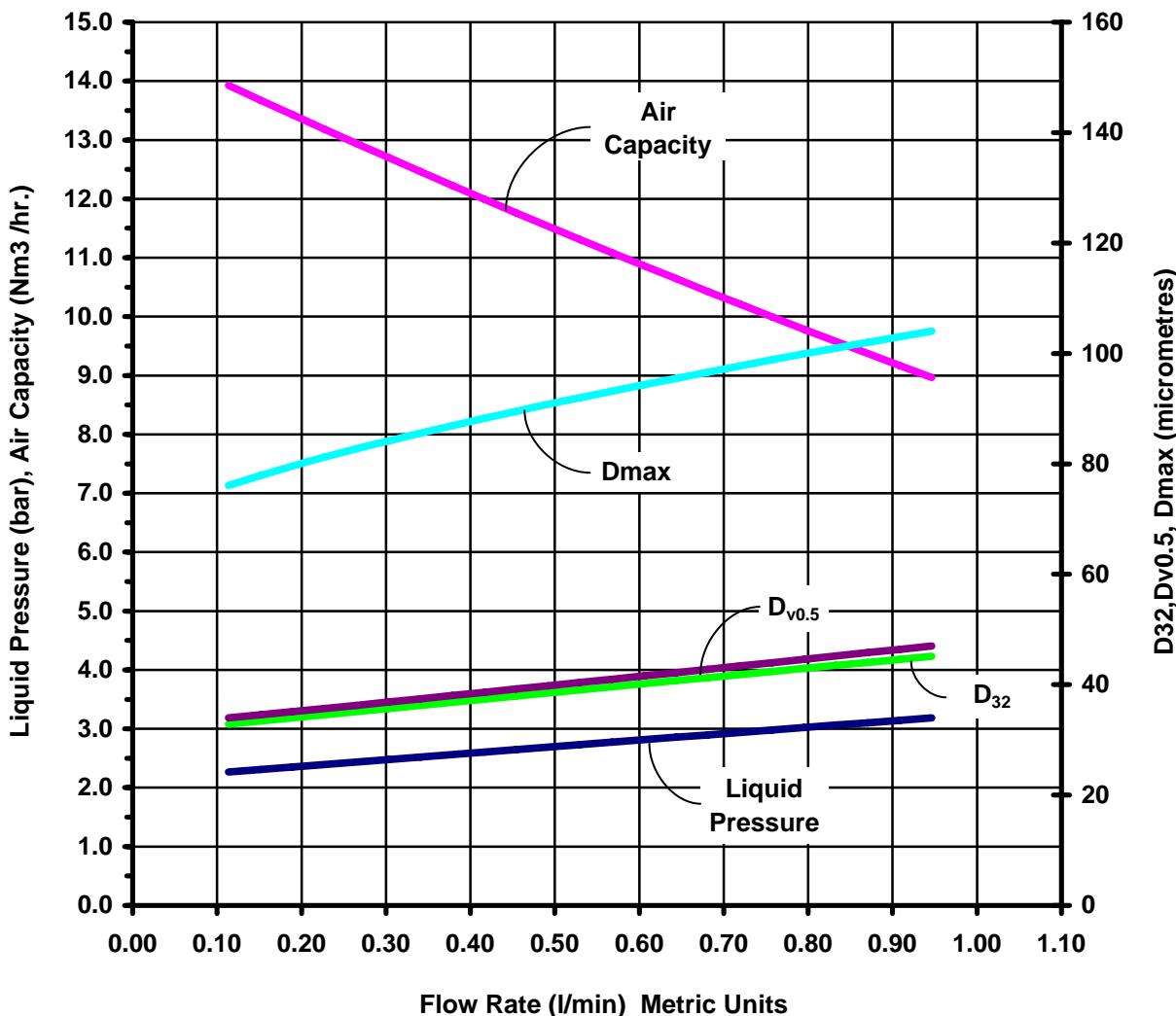
Data Sheet No.

Ref.

55022-2.76

Sheet of

FloMax® FMX015-20 Air Atomizing Nozzle
 @ 3.45 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

FloMax® FMX015
 20° Spray Angle
 Air Atomizing Nozzle
 @ 3.45 bar Air Pressure



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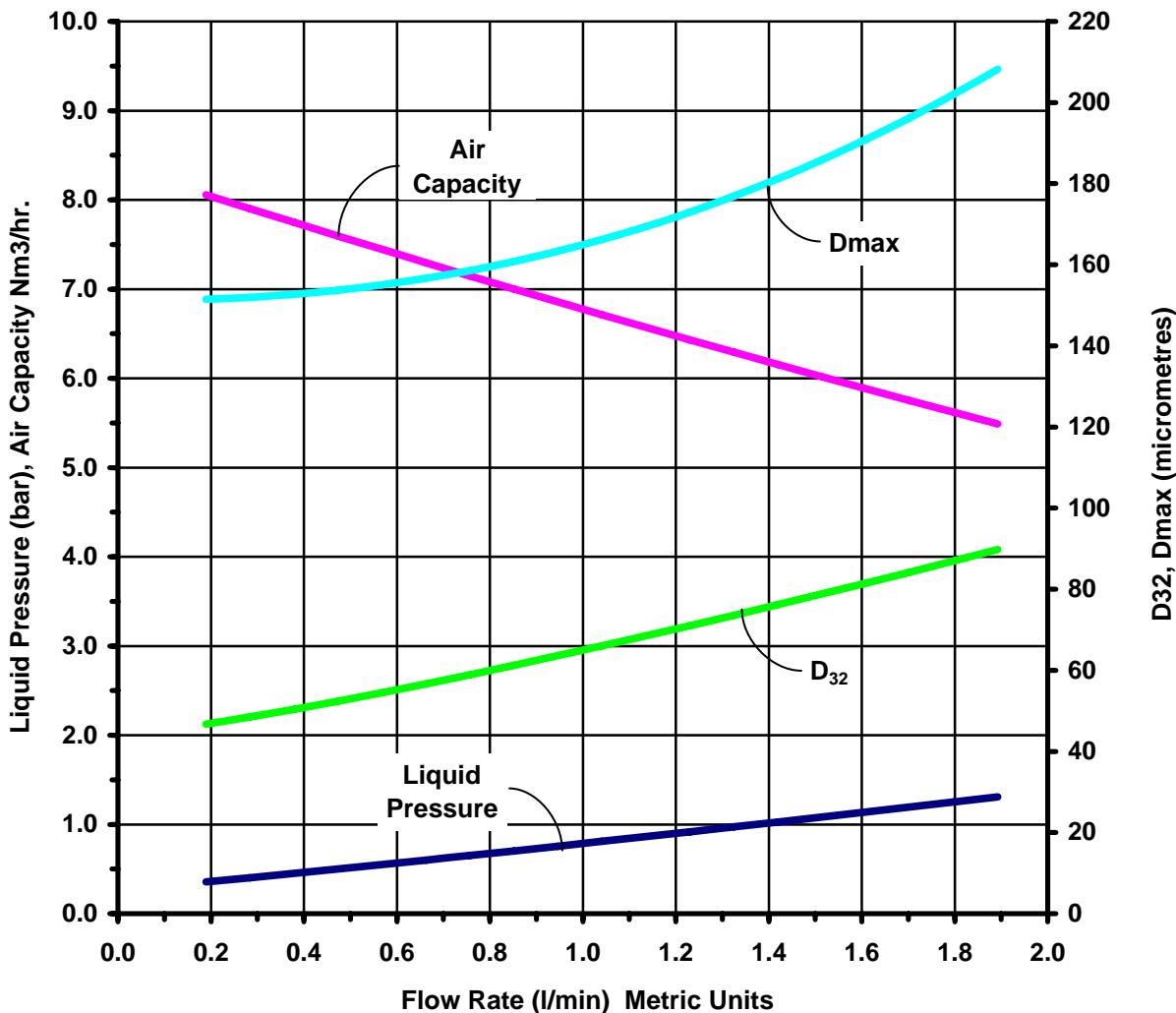
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55022-3.45

Sheet of

FloMax® FMX030-20 Air Atomizing Nozzle
@1.38 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

FloMax® FMX030
 20° spray angle
 Air Atomizing Nozzle
 @ 20 psi Air Pressure



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Spray Nozzles and Accessories

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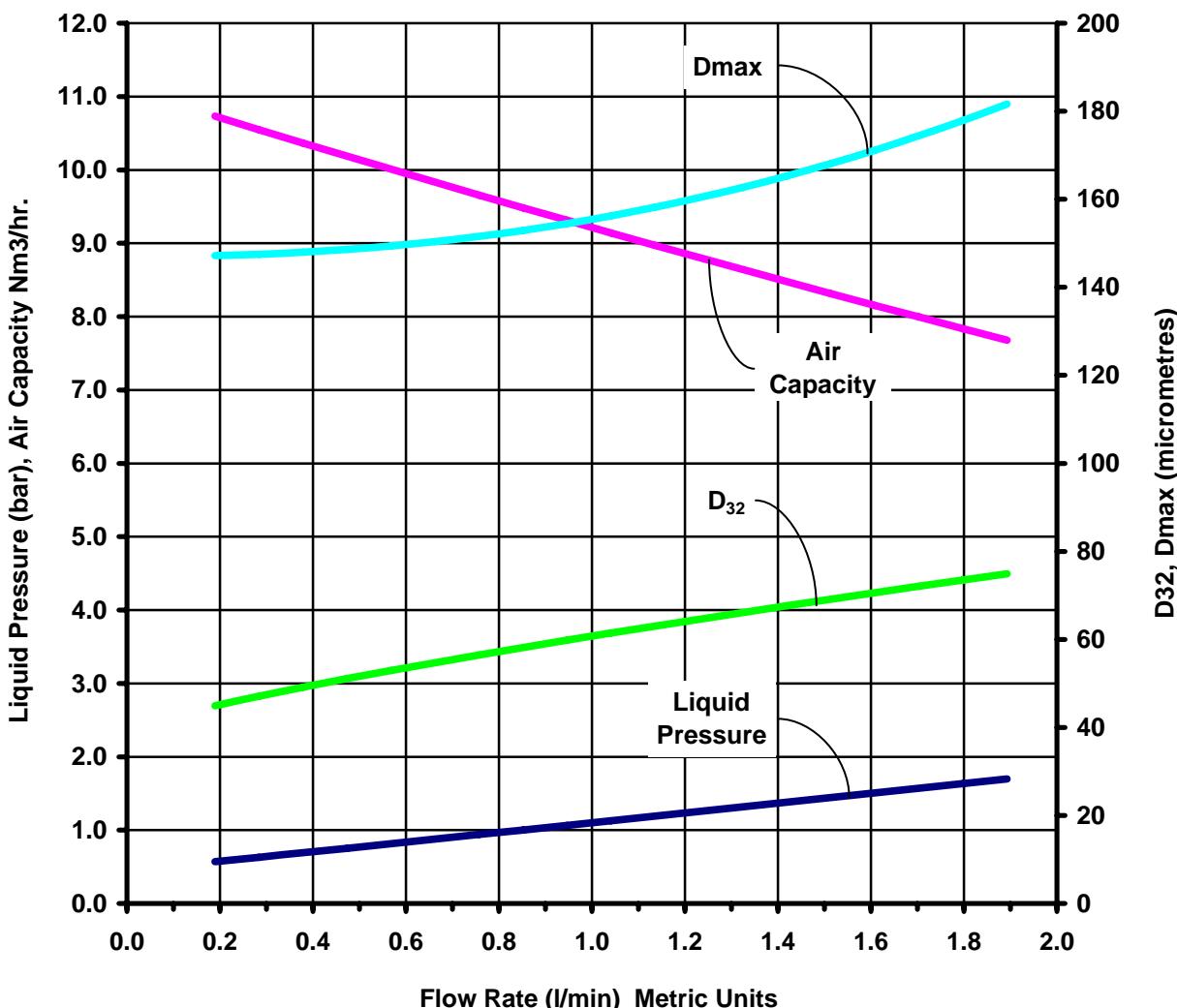
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55021-1.38

Sheet of

FloMax® FMX030-20 Air Atomizing Nozzle
@ 2.0 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

FloMax® FMX030
20° spray angle
Air Atomizing Nozzle
@ 2.0 bar Air Pressure



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Rev. No.

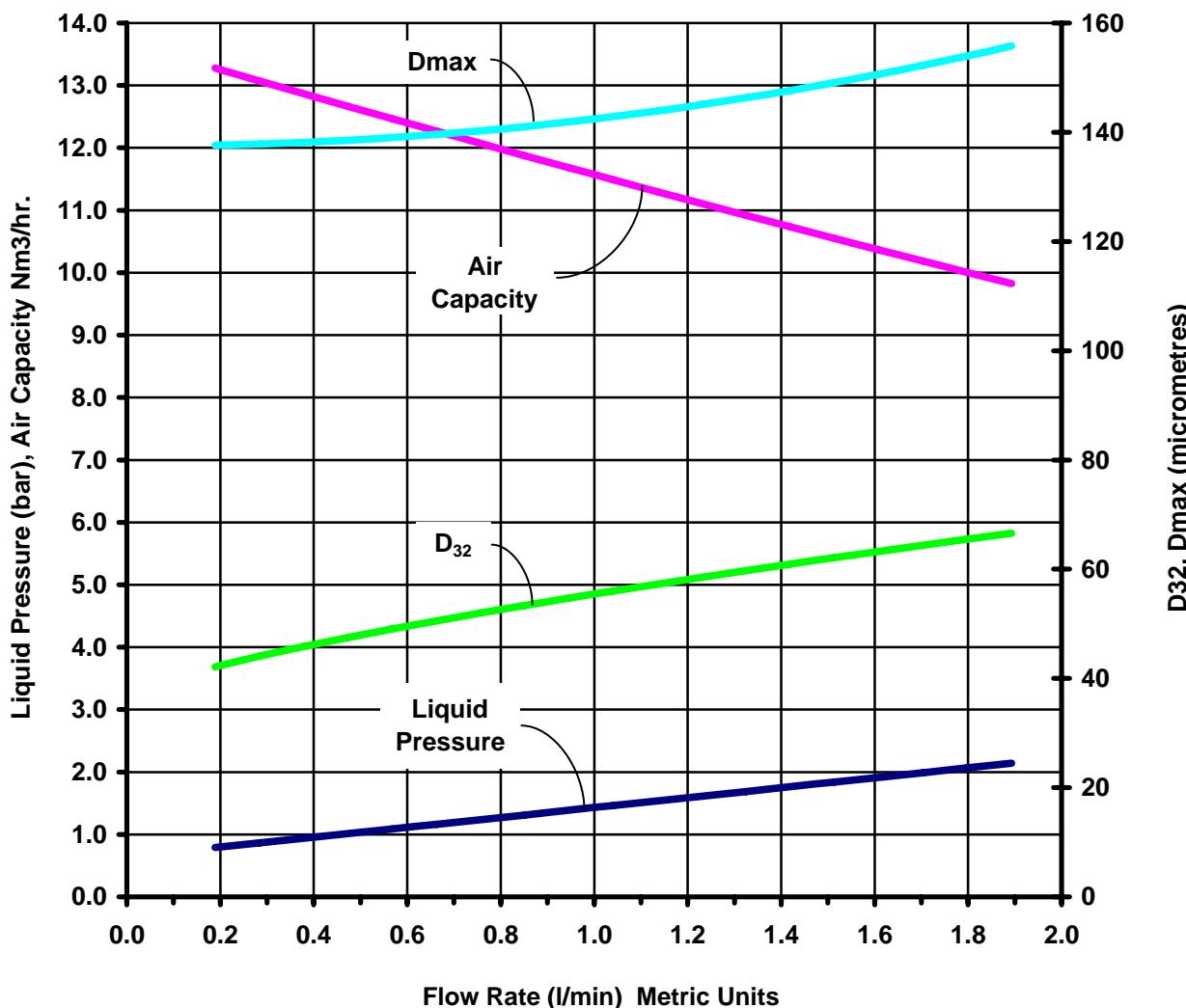
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55021-2.0

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FloMax® FMX030-20 Air Atomizing Nozzle
 @ 2.76 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

FloMax® FMX030
 20° spray angle
 Air Atomizing Nozzle
 @ 2.76 bar Air Pressure



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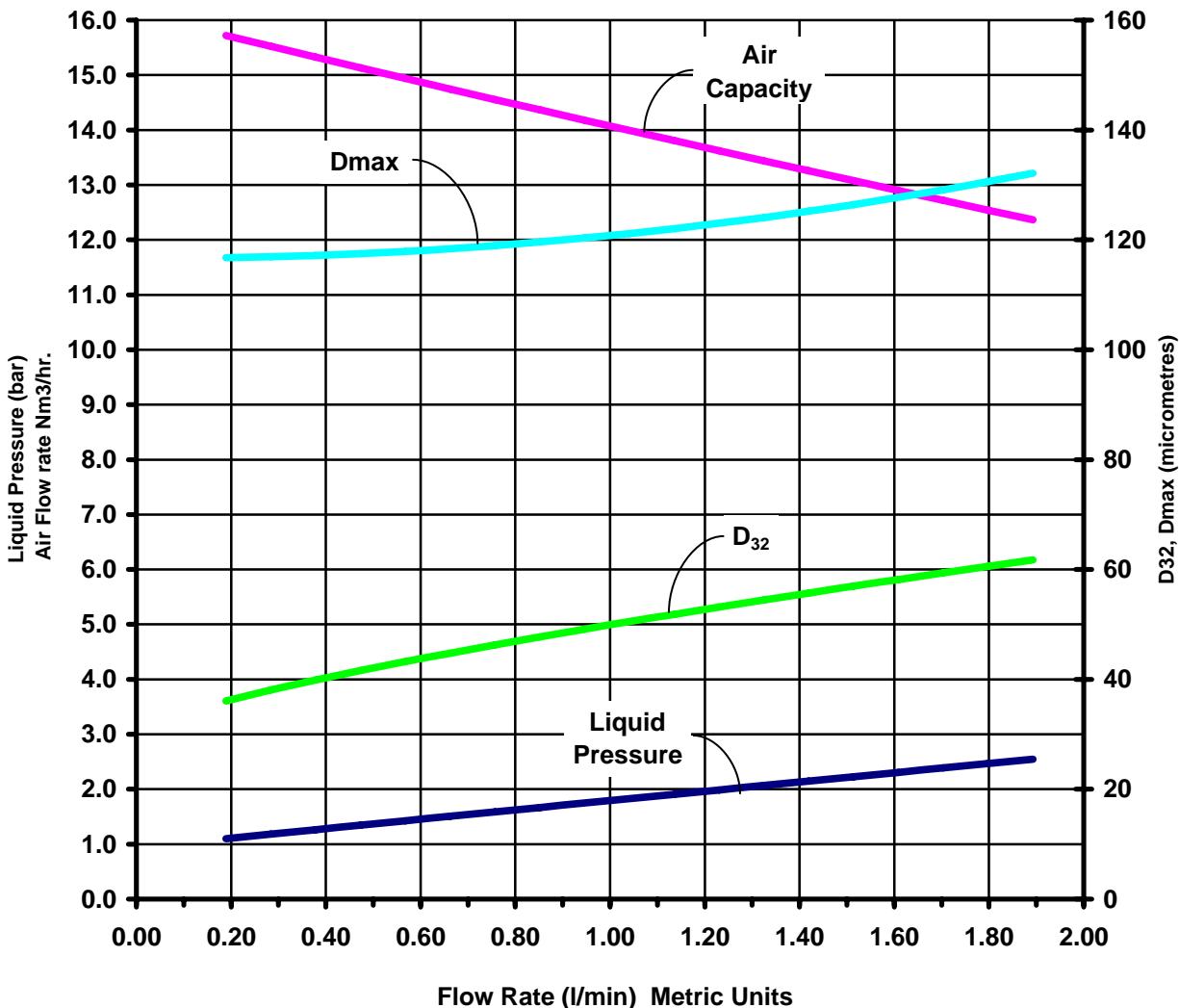
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Ref.

55021-2.76

Sheet of

FloMax® FMX030-20 Air Atomizing Nozzle
 @ 3.45 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

FloMax® FMX030
 20° spray angle
 Air Atomizing Nozzle
 @ 3.45 bar Air Pressure



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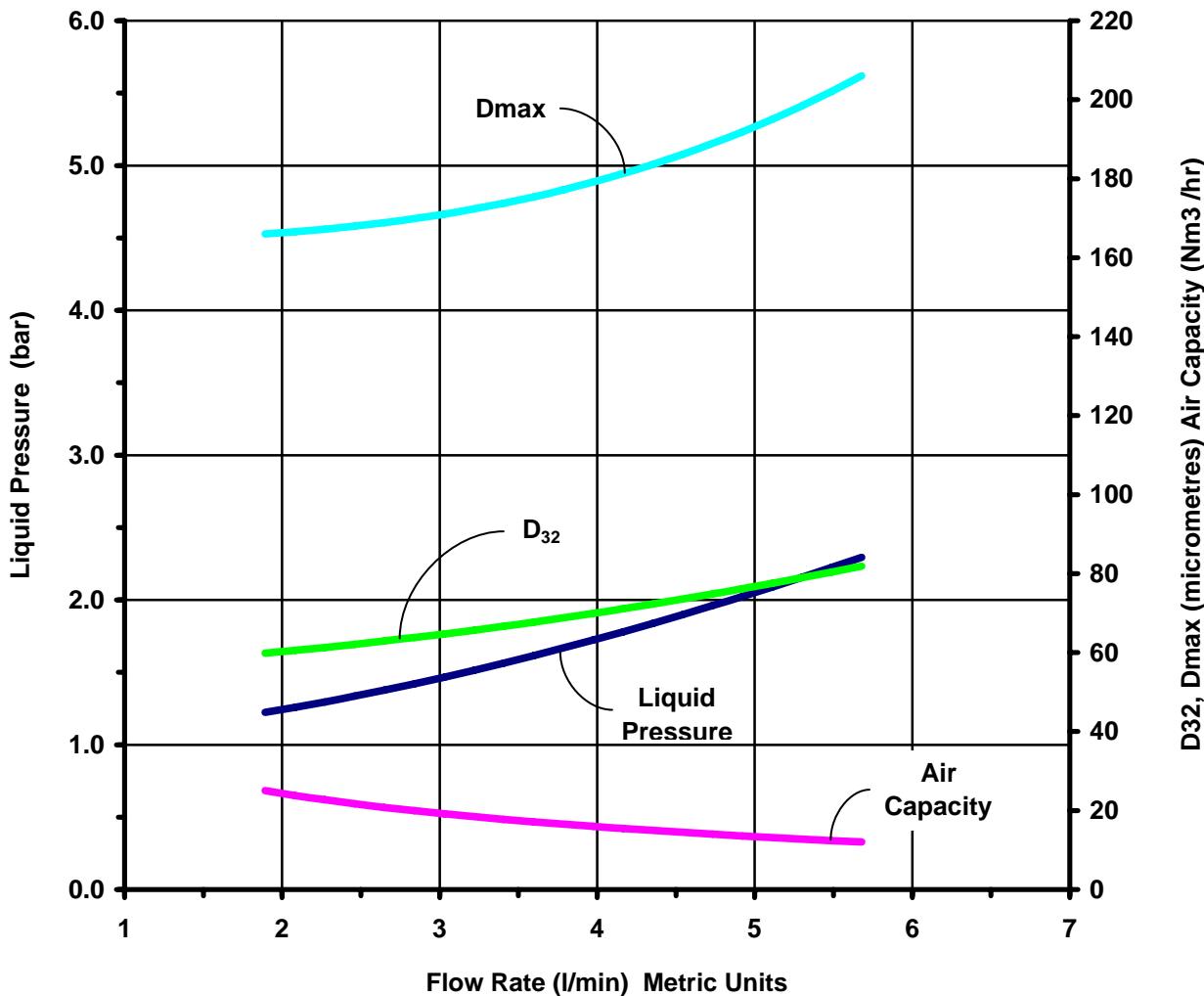
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55021-3.45

Sheet of

FloMax® FMX090-20 Air Atomizing Nozzle
@ 1.38 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

**FloMax® FMX090
 20° Spray Angle
 Air Atomizing Nozzle
 @ 1.38 bar Air Pressure**



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North Avenue at Schmale Rd. P.O. Box 7900
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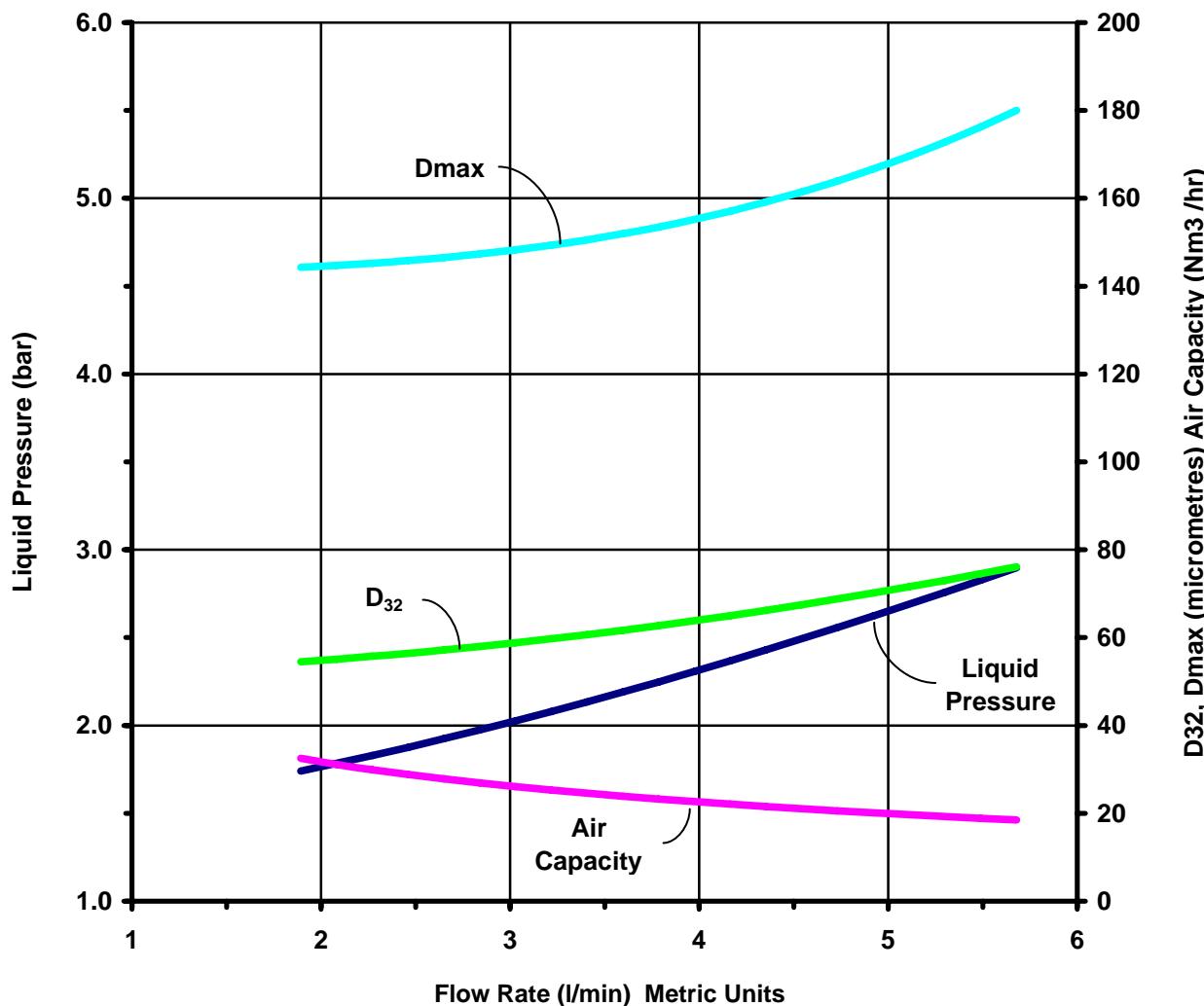
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55020-1.38

Sheet of

FloMax® FMX090-20 Air Atomizing Nozzle
 @ 2.0 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

FloMax® FMX090
 20° Spray Angle
 Air Atomizing Nozzle
 @ 2.0 bar Air Pressure



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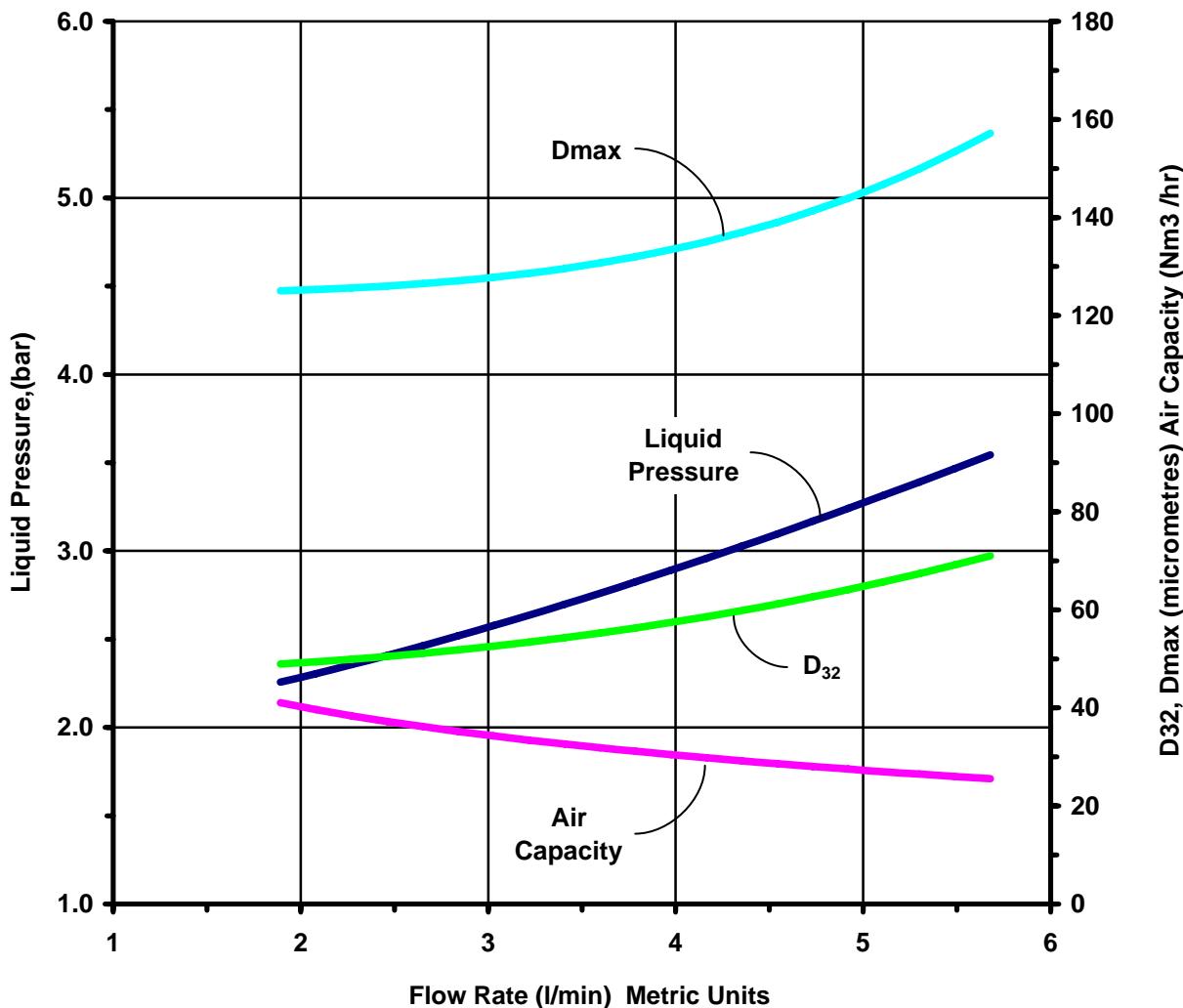
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Ref.

55020-2.0

Sheet of

FloMax® FMX090-20 Air Atomizing Nozzle
 @ 2.76 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

FloMax® FMX090
 20° Spray Angle
 Air Atomizing Nozzle
 @ 2.76 bar Air Pressure



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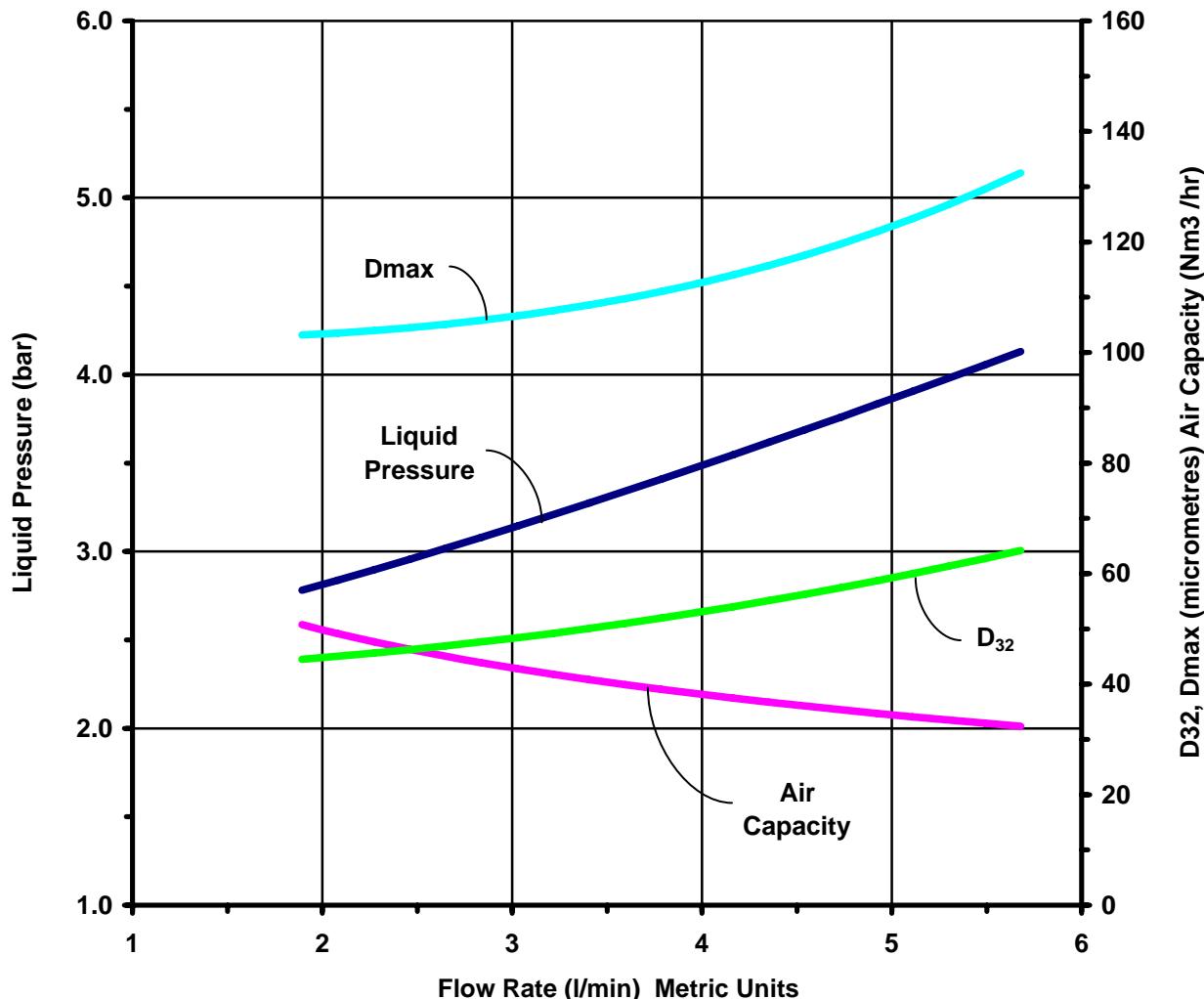
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Sheet of

FloMax® FMX090-20 Air Atomizing Nozzle
 @ 3.45 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

FloMax® FMX090
 20° Spray Angle
 Air Atomizing Nozzle
 @ 3.45 bar Air Pressure



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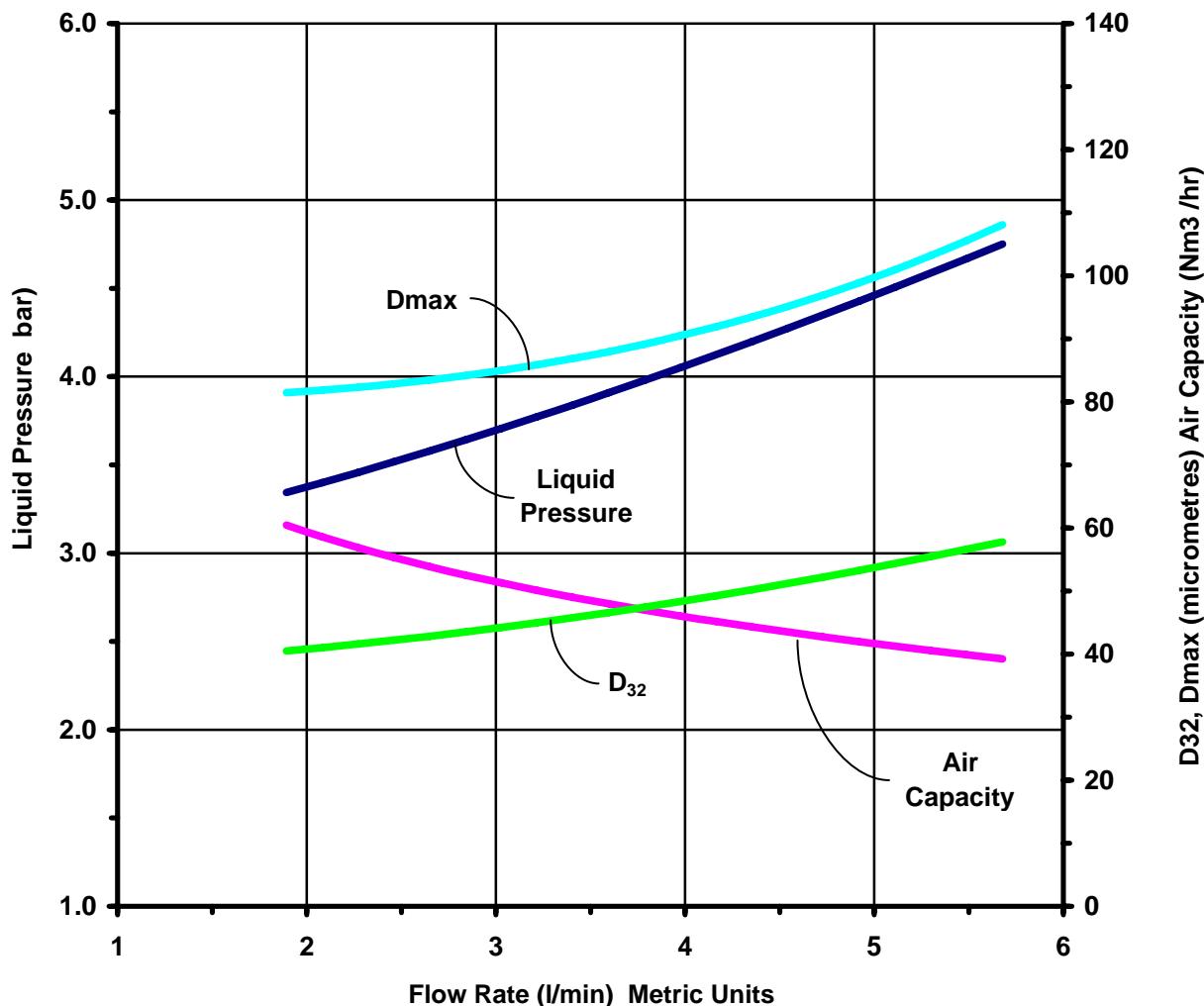
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55020-3.45

Sheet of

FloMax® FMX090-20 Air Atomizing Nozzle
@ 4.14 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

**FloMax® FMX090
 20° Spray Angle
 Air Atomizing Nozzle
 @ 4.14 bar Air Pressure**



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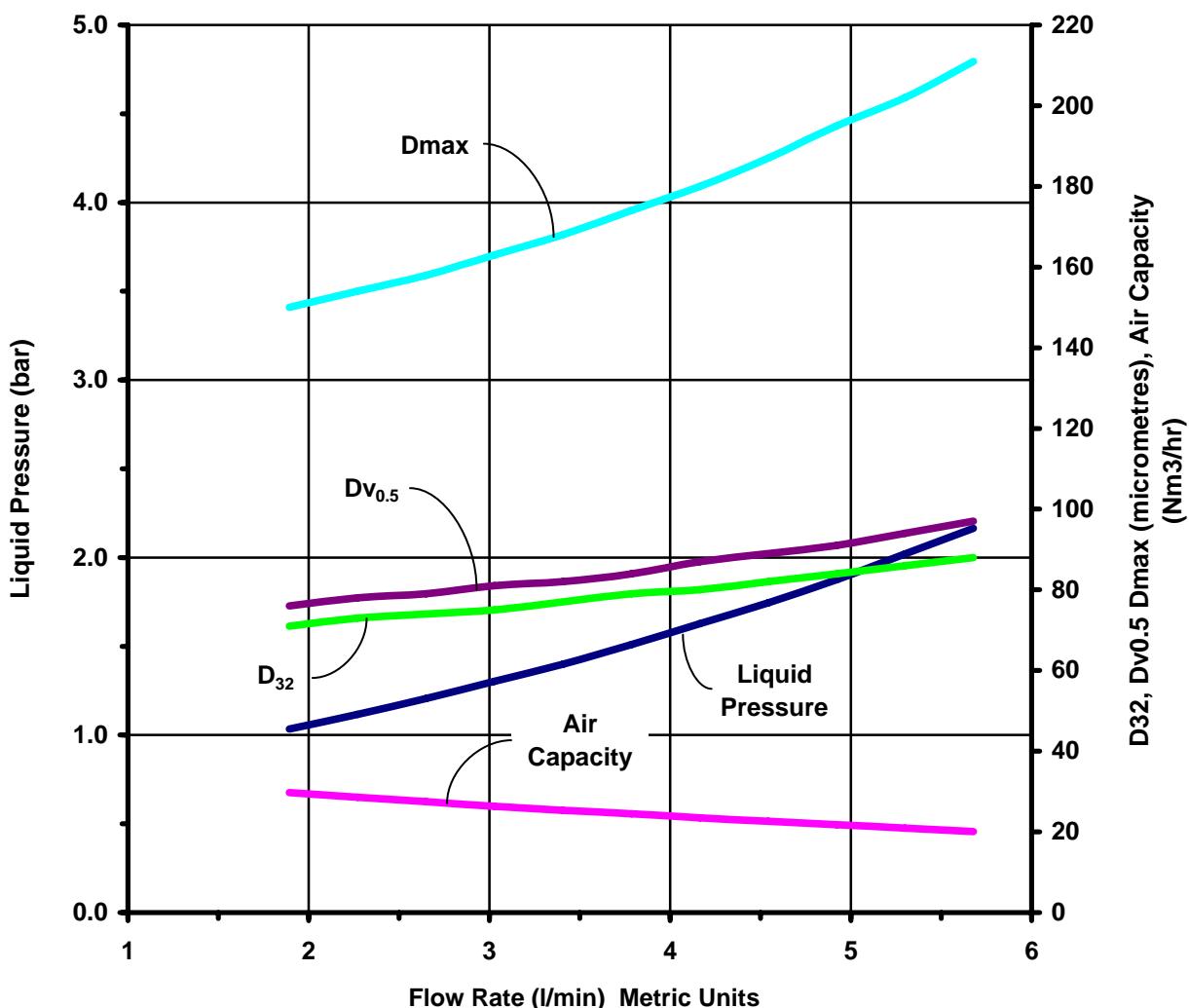
Data Sheet No.

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55020-4.14

Sheet of

FloMax® FMX090-55 Air Atomizing Nozzle
@ 1.38 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

**FloMax® FMX090
55° Spray Angle
Air Atomizing Nozzle
@ 1.38 bar Air Pressure**



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Spray Nozzles and Accessories

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Rev. No.

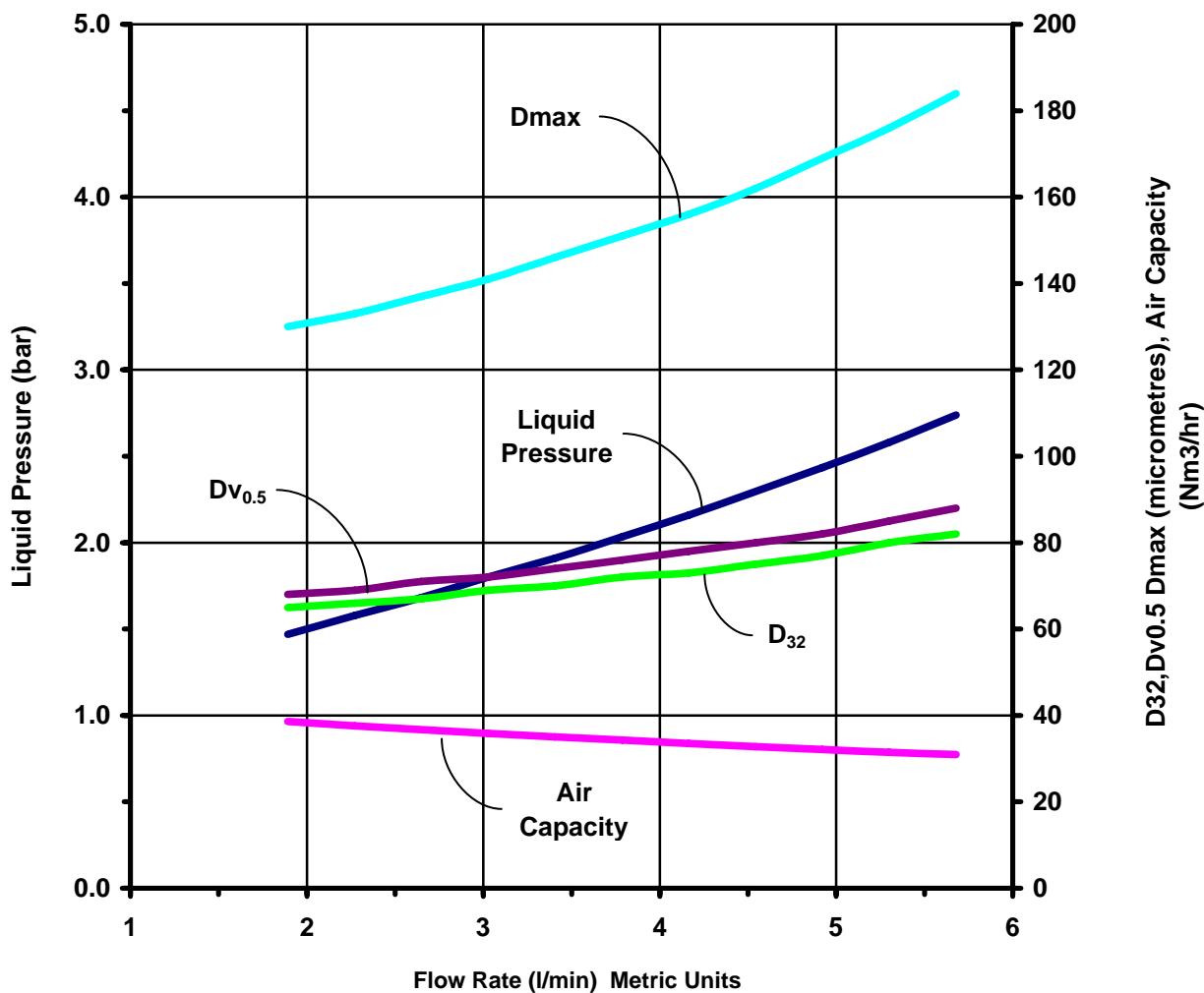
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Ref.

55023-1.38

Sheet of

FloMax® FMX090-55 Air Atomizing Nozzle
@ 2.0 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

FloMax® FMX090
55° Spray Angle
Air Atomizing Nozzle
@ 2.0 bar Air Pressure



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Rev. No.

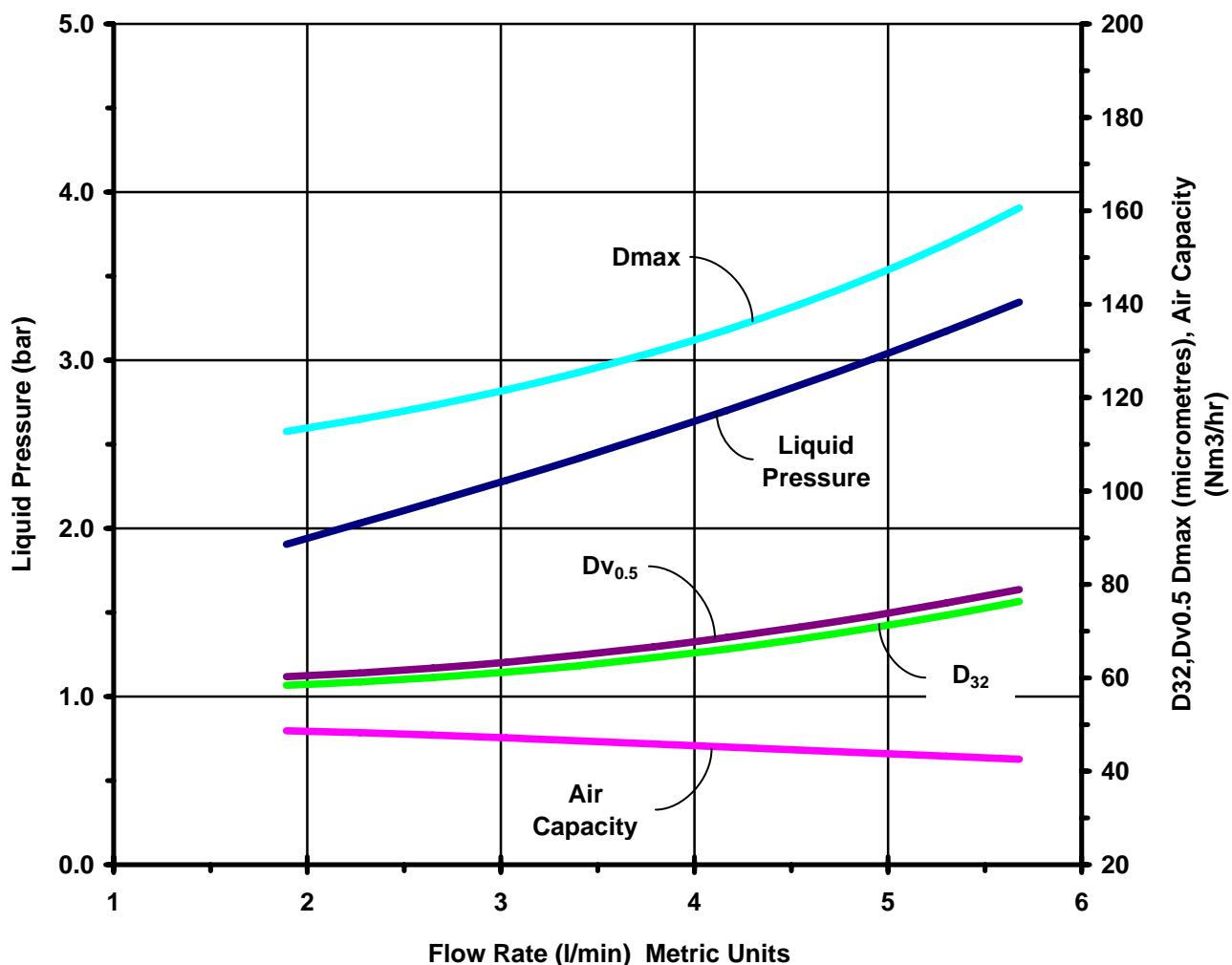
Data Sheet No.

55023-2.0

Sheet of

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FloMax® FMX090-55 Air Atomizing Nozzle
@ 2.76 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

**FloMax® FMX090
 55° Spray Angle
 Air Atomizing Nozzle
 @ 2.76 bar Air Pressure**



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North Avenue at Schmale Rd. P.O. Box 7900
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Rev. No.

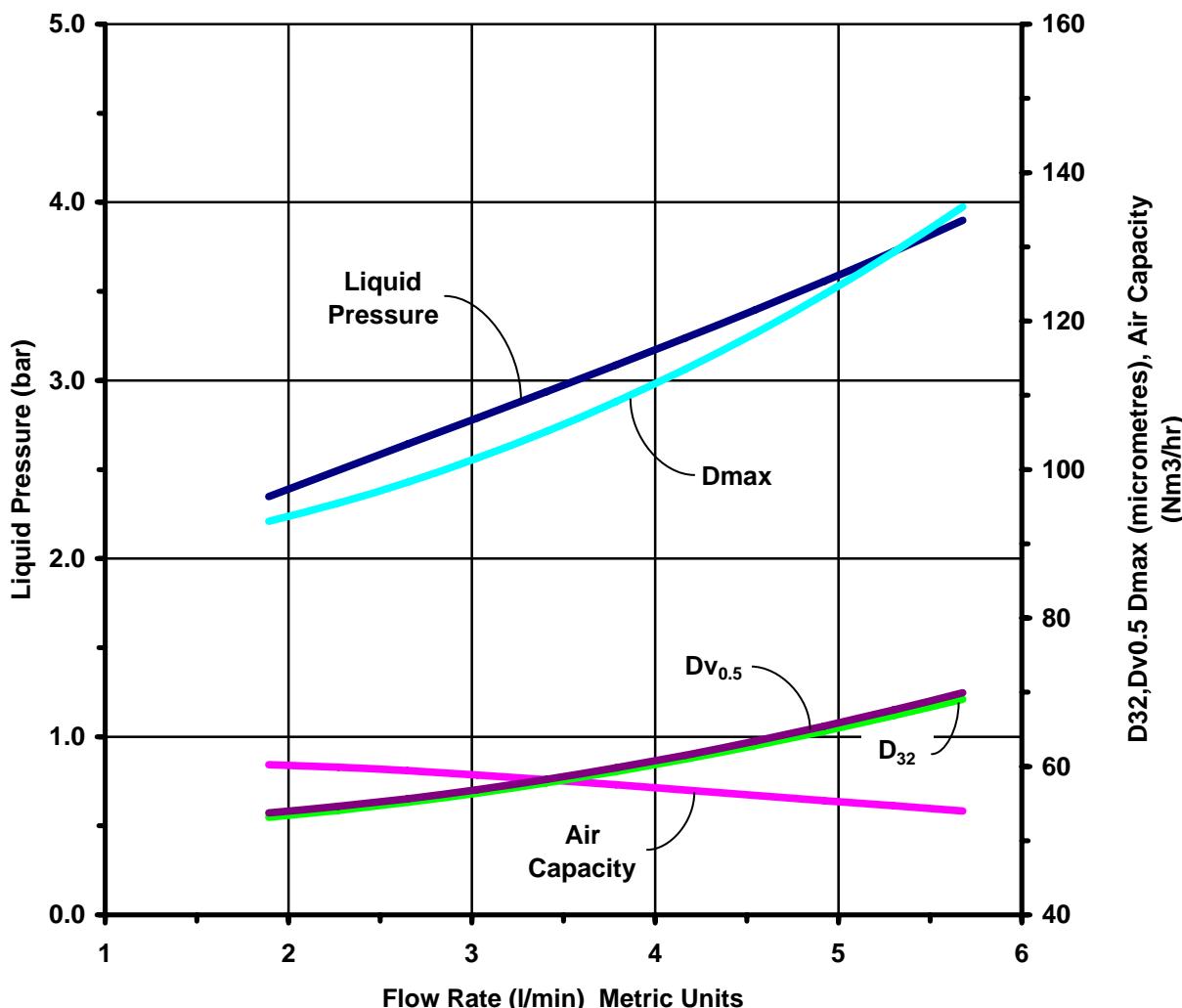
Data Sheet No.

Ref.

55023-2.76

Sheet of

FloMax® FMX090-55 Air Atomizing Nozzle
@ 3.45 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

**FloMax® FMX090
 55° Spray Angle
 Air Atomizing Nozzle
 @ 3.45 bar Air Pressure**



Spraying Systems Co.

Spray Nozzles and Accessories

North Avenue at Schmale Rd. P.O. Box 7900
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Rev. No.

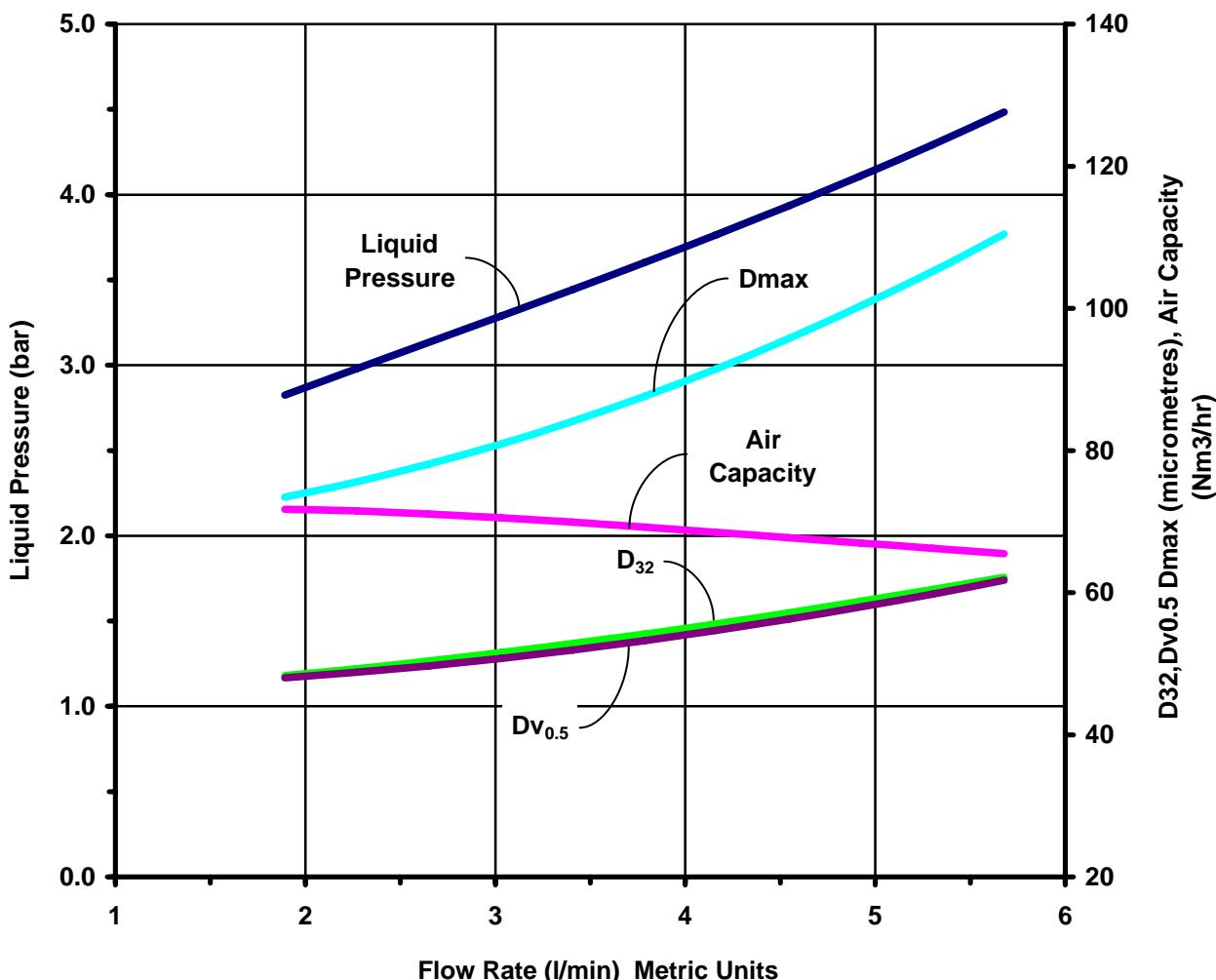
Data Sheet No.

Ref.

55023-3.45

Sheet of

FloMax® FMX090-55 Air Atomizing Nozzle
@ 4.14 bar Air Pressure



Data is based on spraying water under laboratory conditions using the Phase Doppler Particle Analyzer (PDPA). All values are to be computed utilizing the procedures for determining spray characteristics as outlined by ASTM (Standard E799).

Description:

**FloMax® FMX090
55° Spray Angle
Air Atomizing Nozzle
@ 4.14 bar Air Pressure**



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Spray Nozzles and Accessories

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Rev. No.

Data Sheet No.

Ref.

55023-4.14

Sheet of