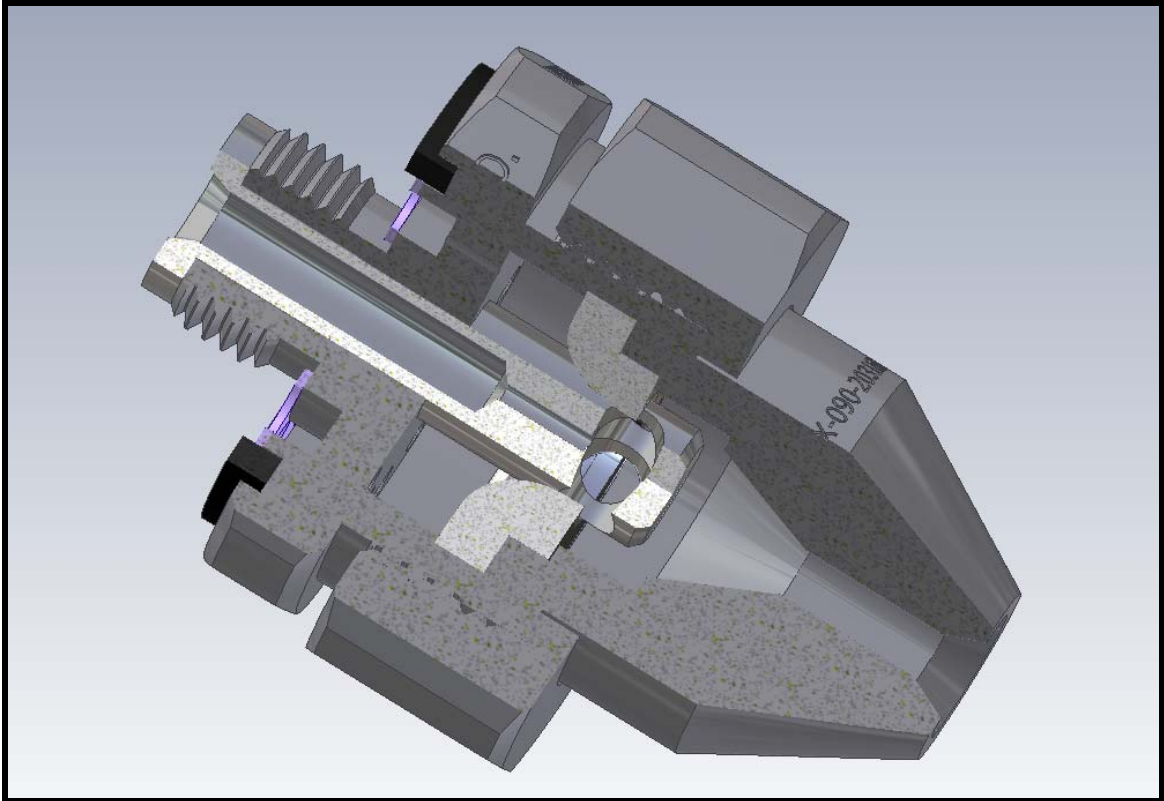


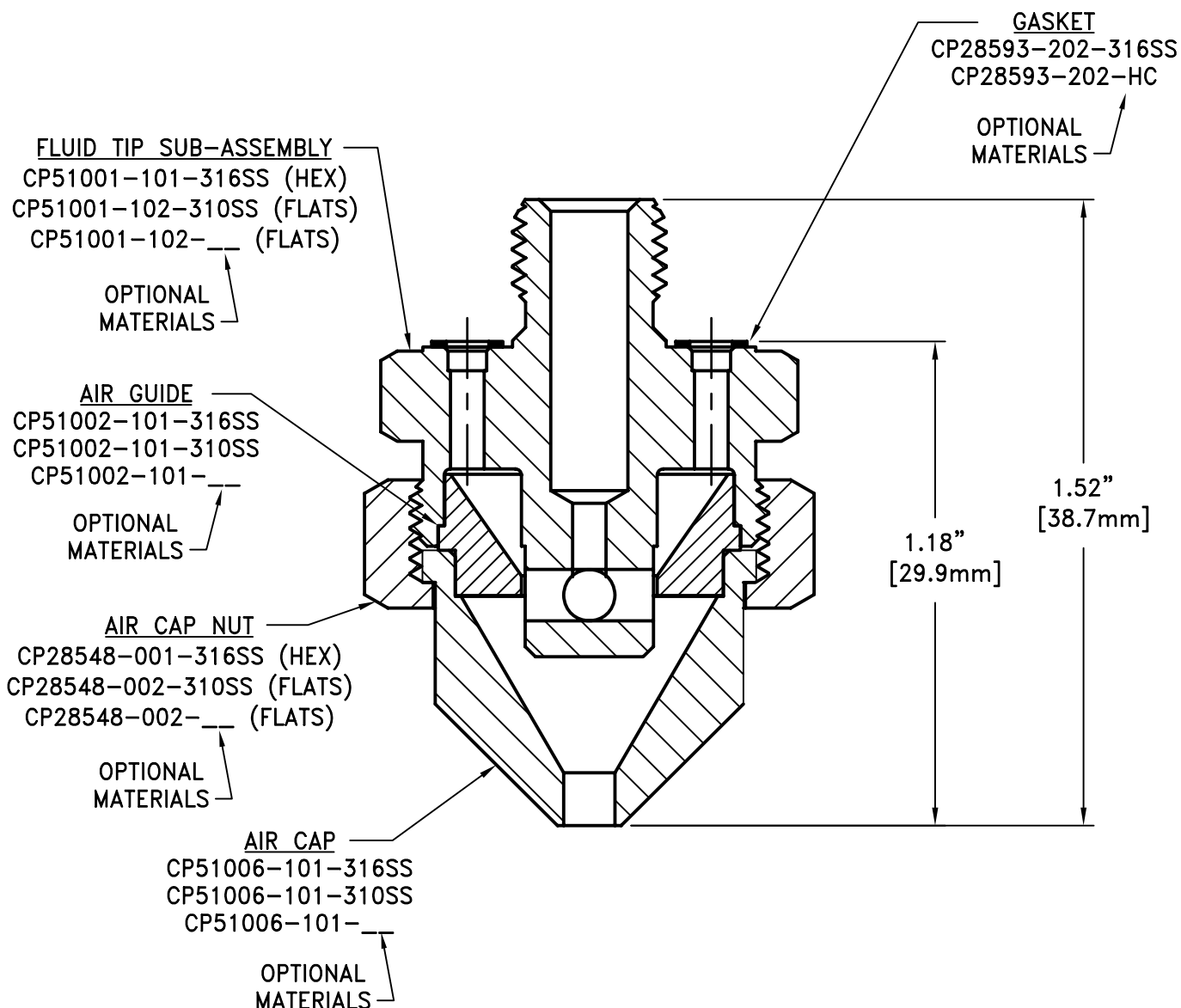
FloMax[®] “X” Series



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

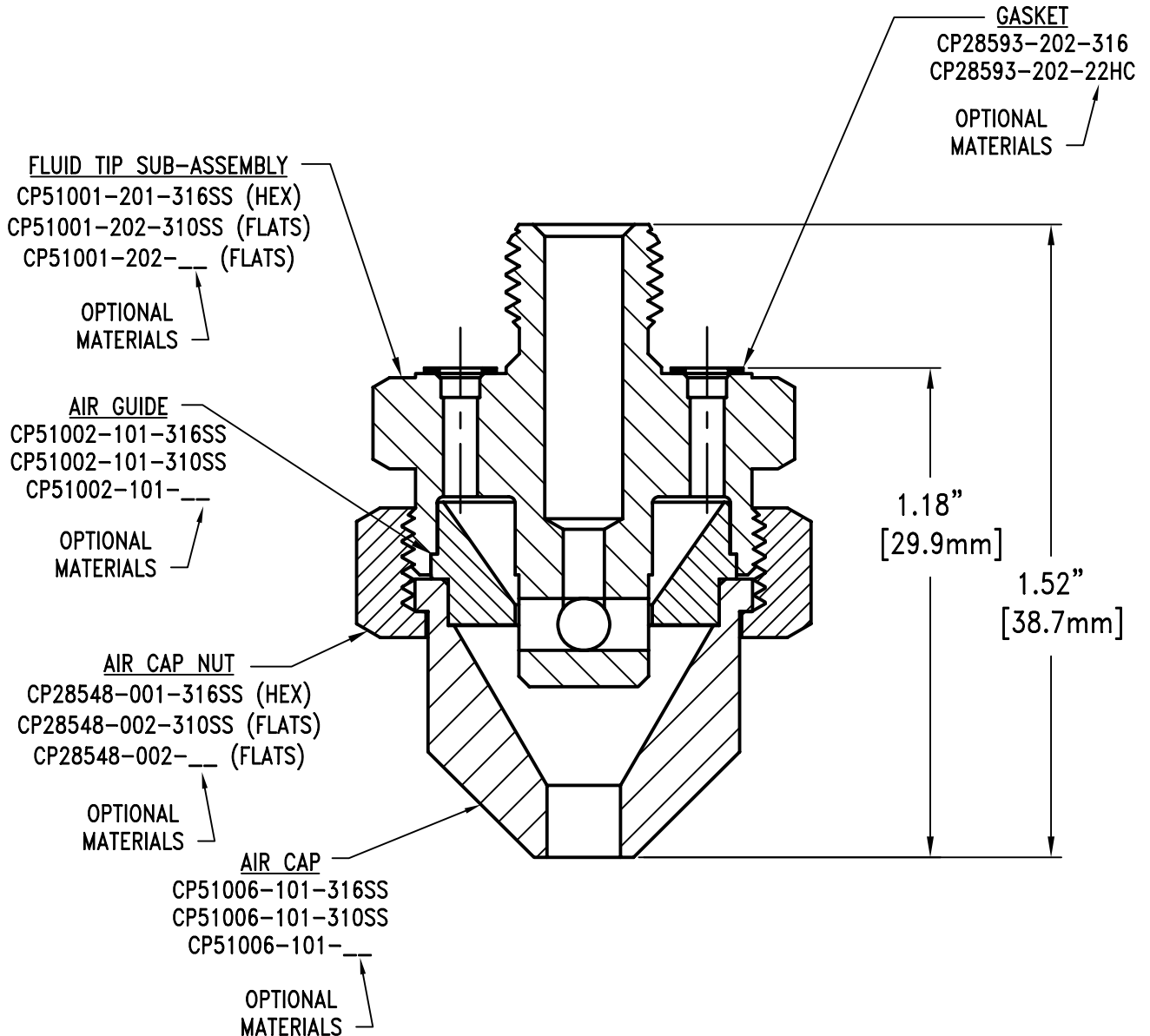
Ref. B

Data Sheet No.

51000-100

SHEET OF

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



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 P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. 1

Ref. C

Data Sheet No.

51000-200

SHEET OF

FloMax® "X" Series

FLUID TIP SUB-ASSEMBLY
 CP51001-301-316SS (HEX)
 CP51001-302-310SS (FLATS)
 CP51001-302-___ (FLATS)

OPTIONAL
MATERIALS

ANNULAR INSERT
 CP51002-301-316SS
 CP51002-301-310SS
 CP51002-301-___

OPTIONAL
MATERIALS

AIR GUIDE
 CP28547-203-316SS
 CP28547-203-310SS
 CP28547-203-___

OPTIONAL
MATERIALS

AIR CAP NUT
 CP28548-201-316SS (HEX)
 CP28548-202-310SS (FLATS)
 CP28548-202-___ (FLATS)

OPTIONAL
MATERIALS

AIR CAP SUB-ASSEMBLY
 CP29734-017-316SS
 CP29734-017-310SS
 CP29734-017-___

OPTIONAL
MATERIALS

FLUID TIP GASKET
 CP28593-002-316SS
 CP28593-002-310SS
 CP28593-002-HC

OPTIONAL
MATERIALS

GRAPHITE PACKING
 CP29699-002-GR

2.21"
[56.2mm]

2.72"
[69.0mm]

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

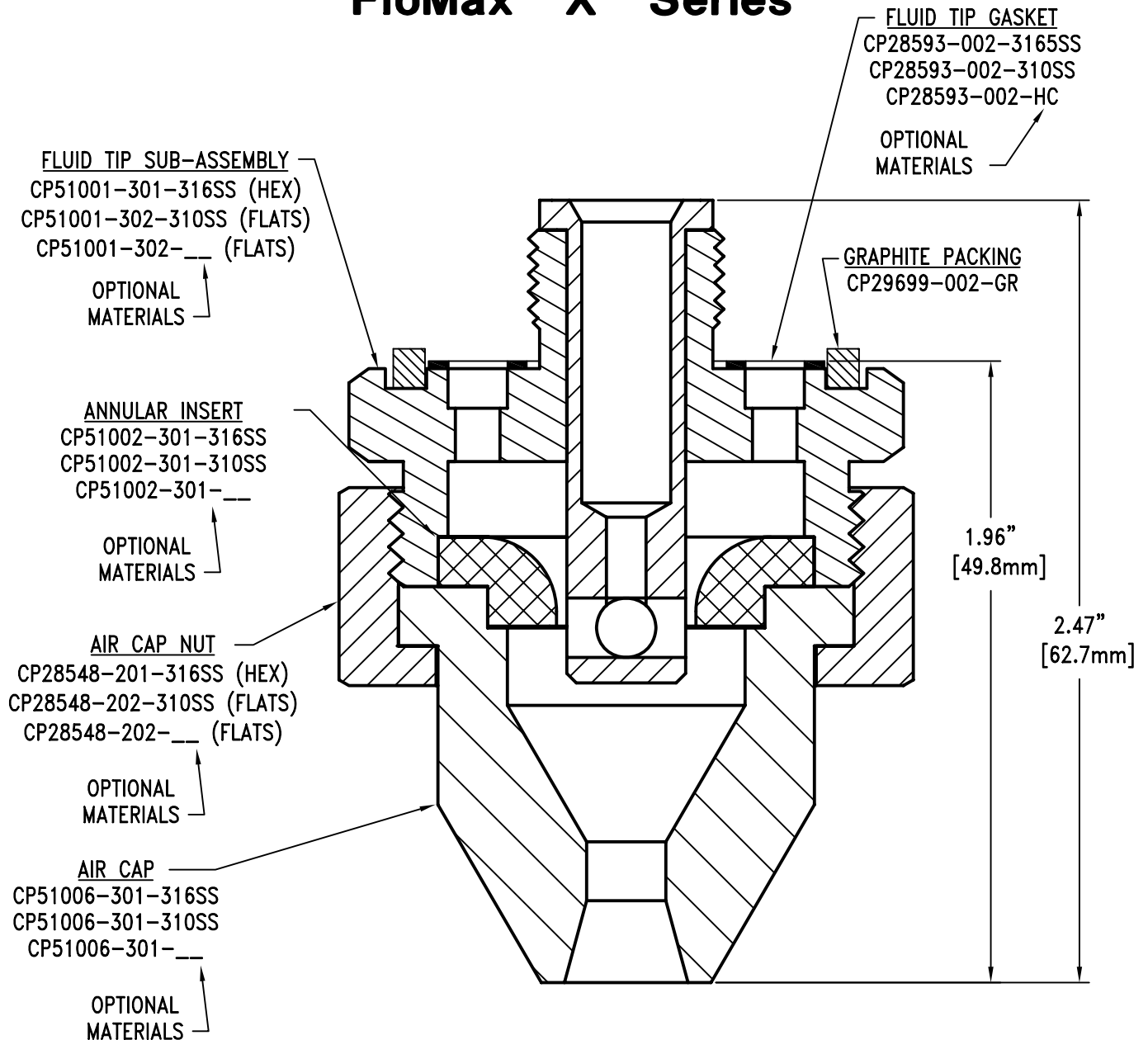
Ref. D

Data Sheet No.

51000-300

SHEET OF

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
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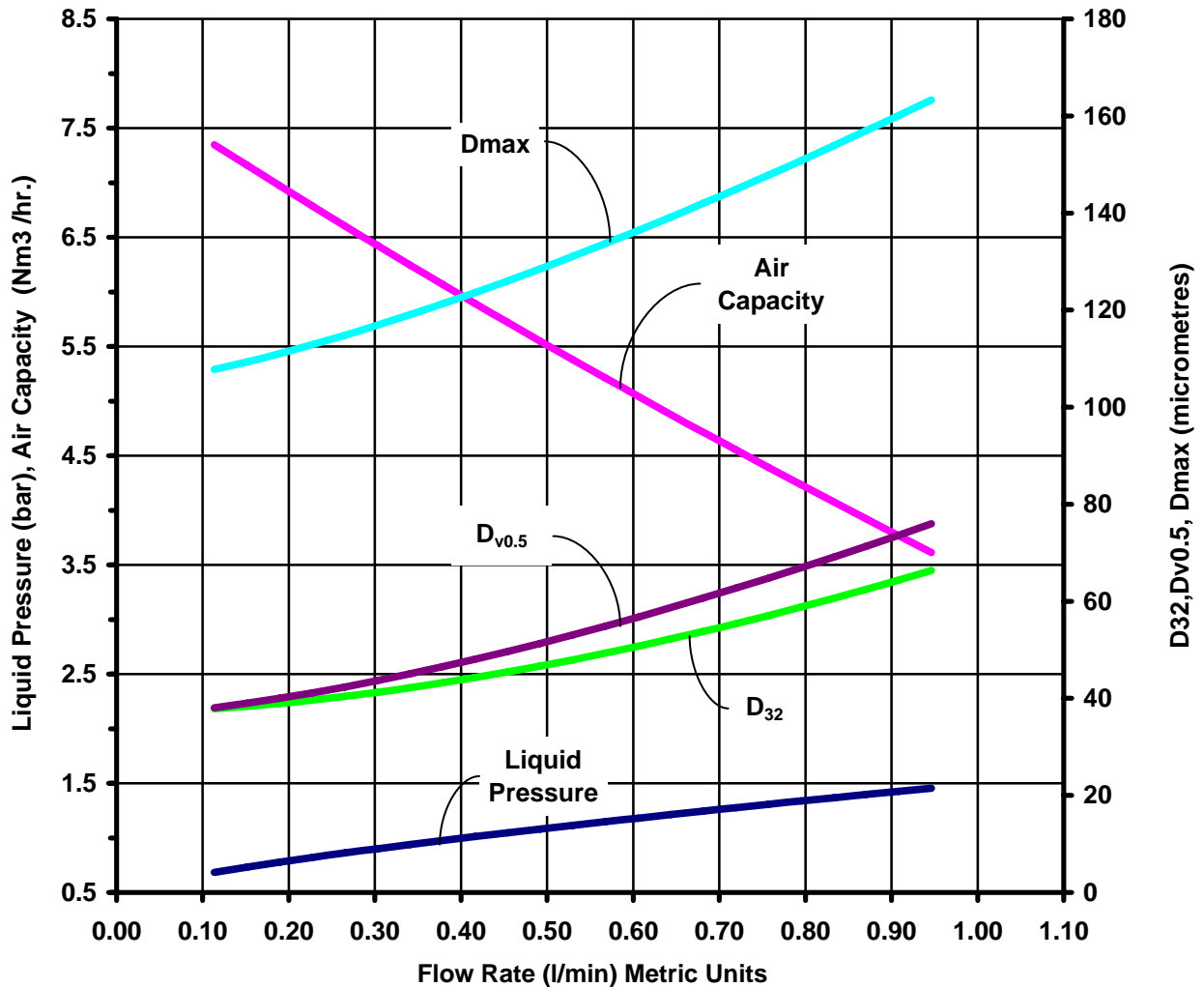
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Data Sheet No.

51000-400

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.

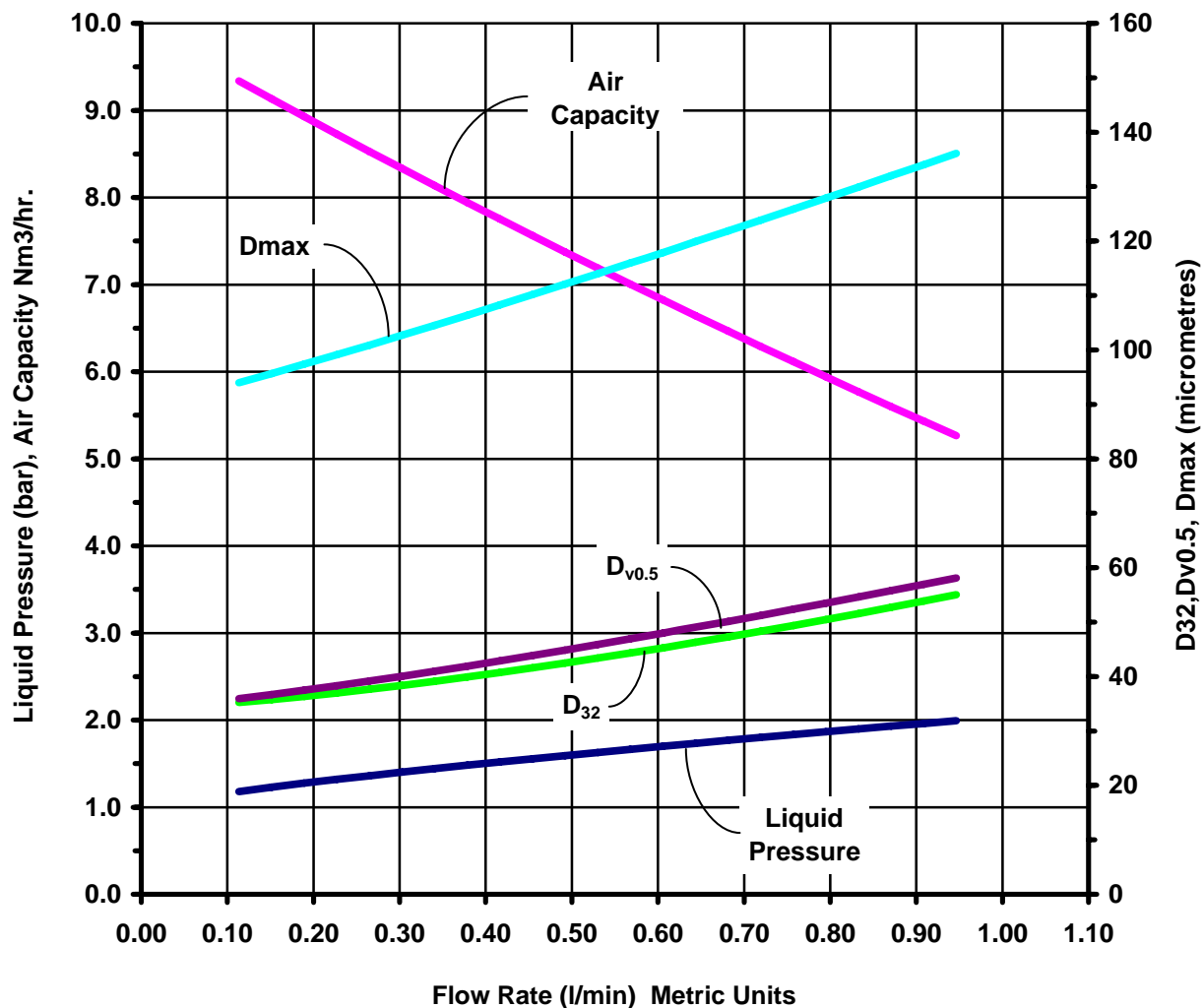
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Data Sheet No.

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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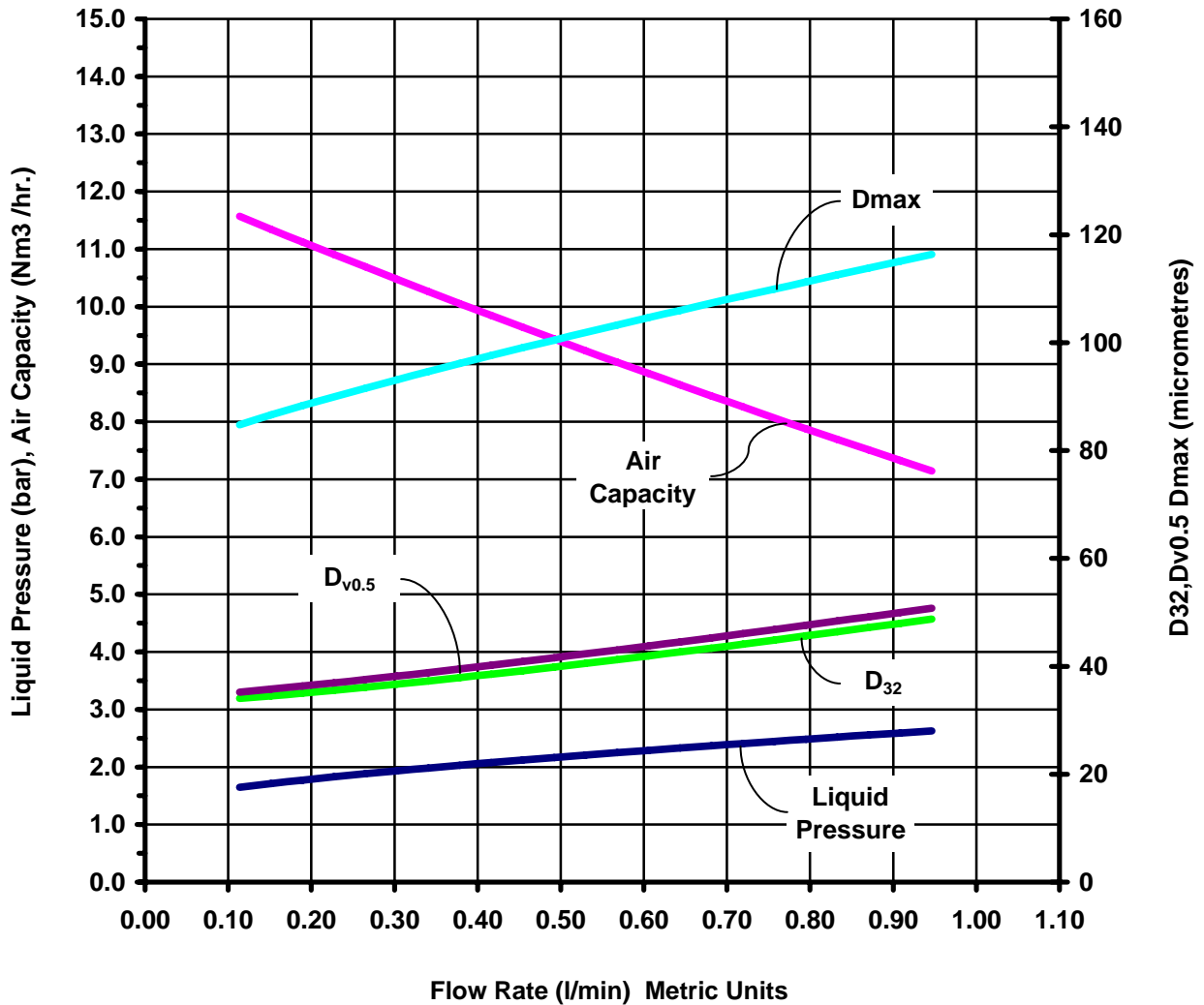
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Data Sheet No.

55022-2.0

Sheet of

**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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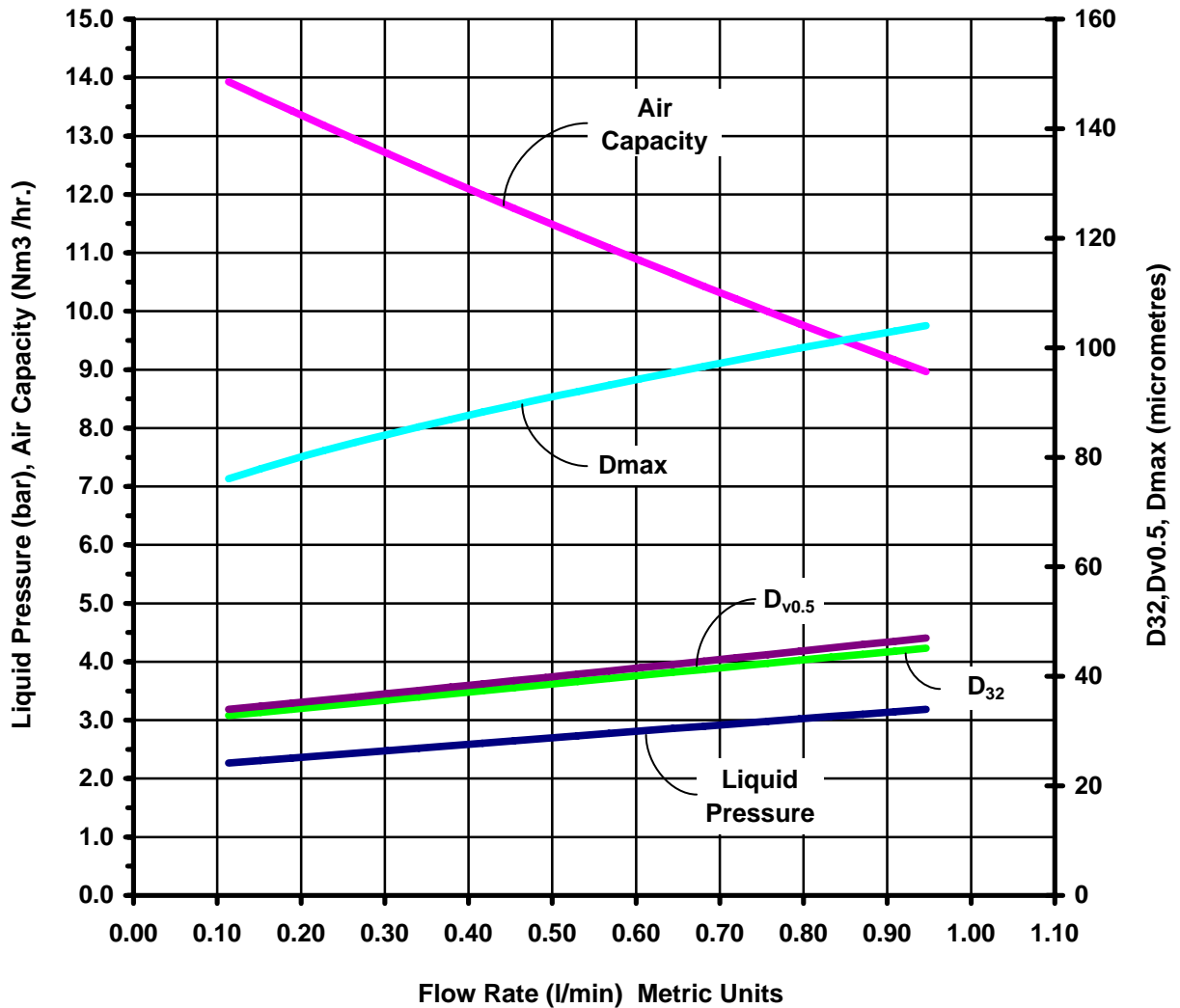
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Data Sheet No.

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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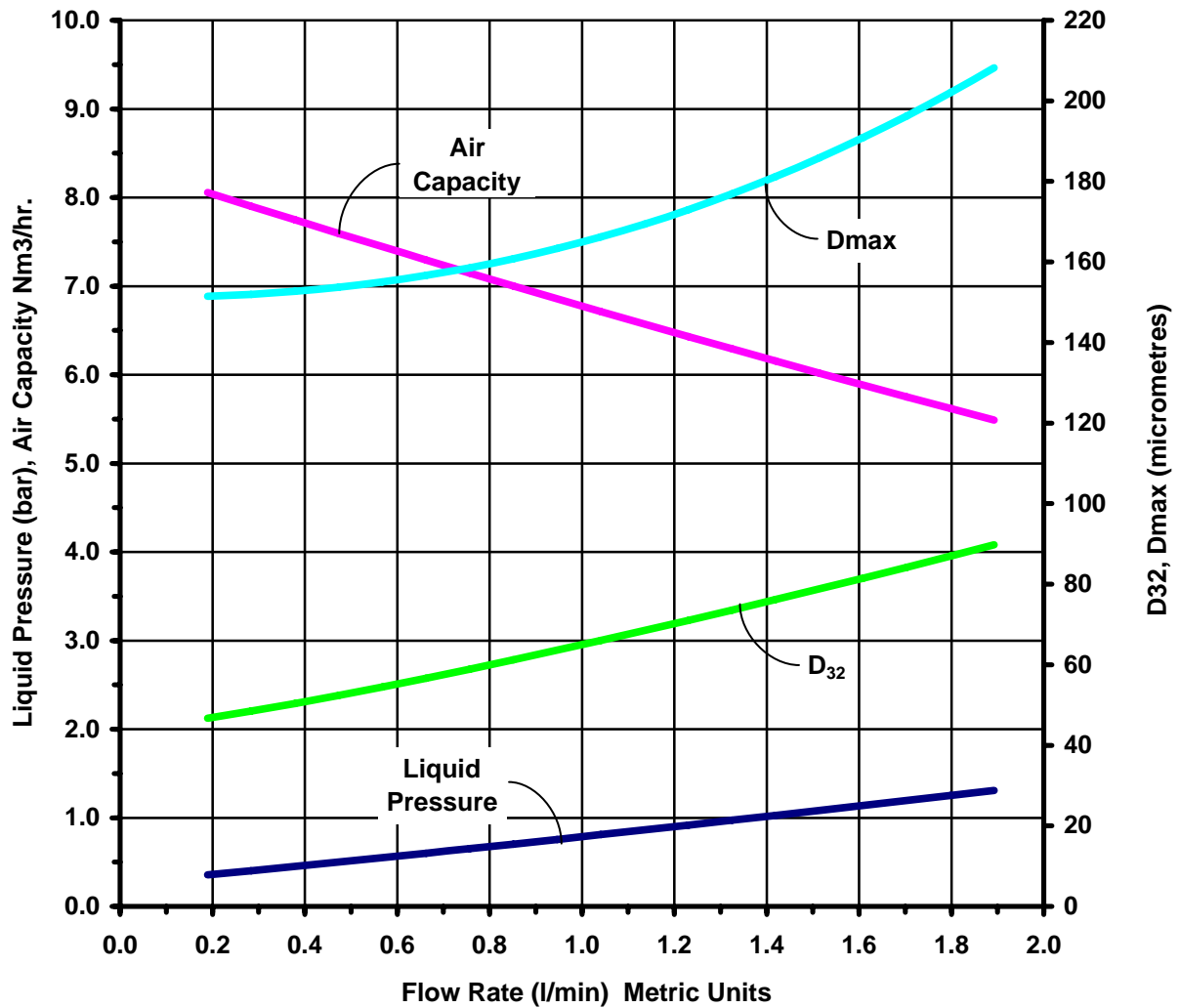
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55022-3.45

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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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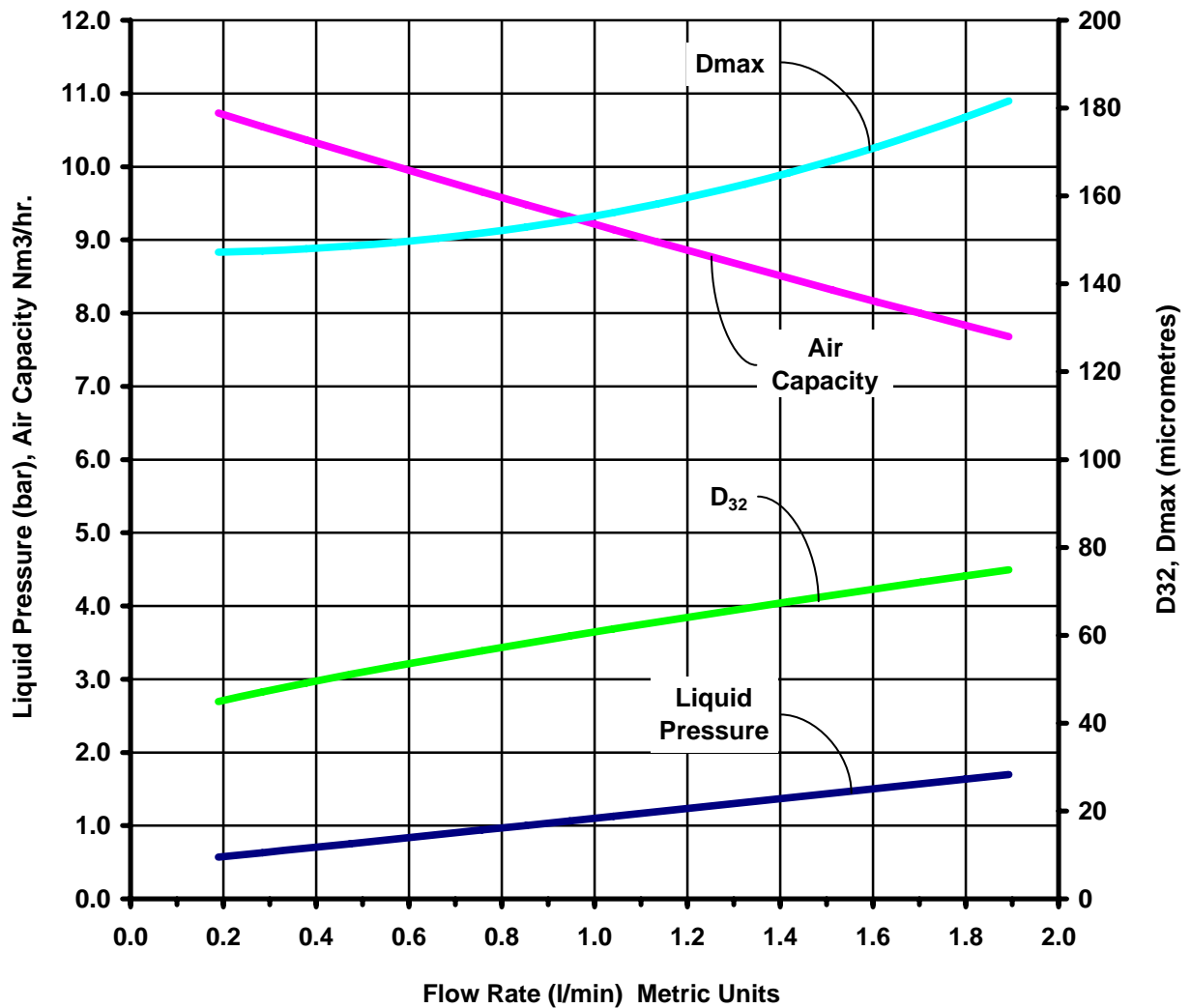
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55021-1.38

Ref.

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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Spray Nozzles and Accessories

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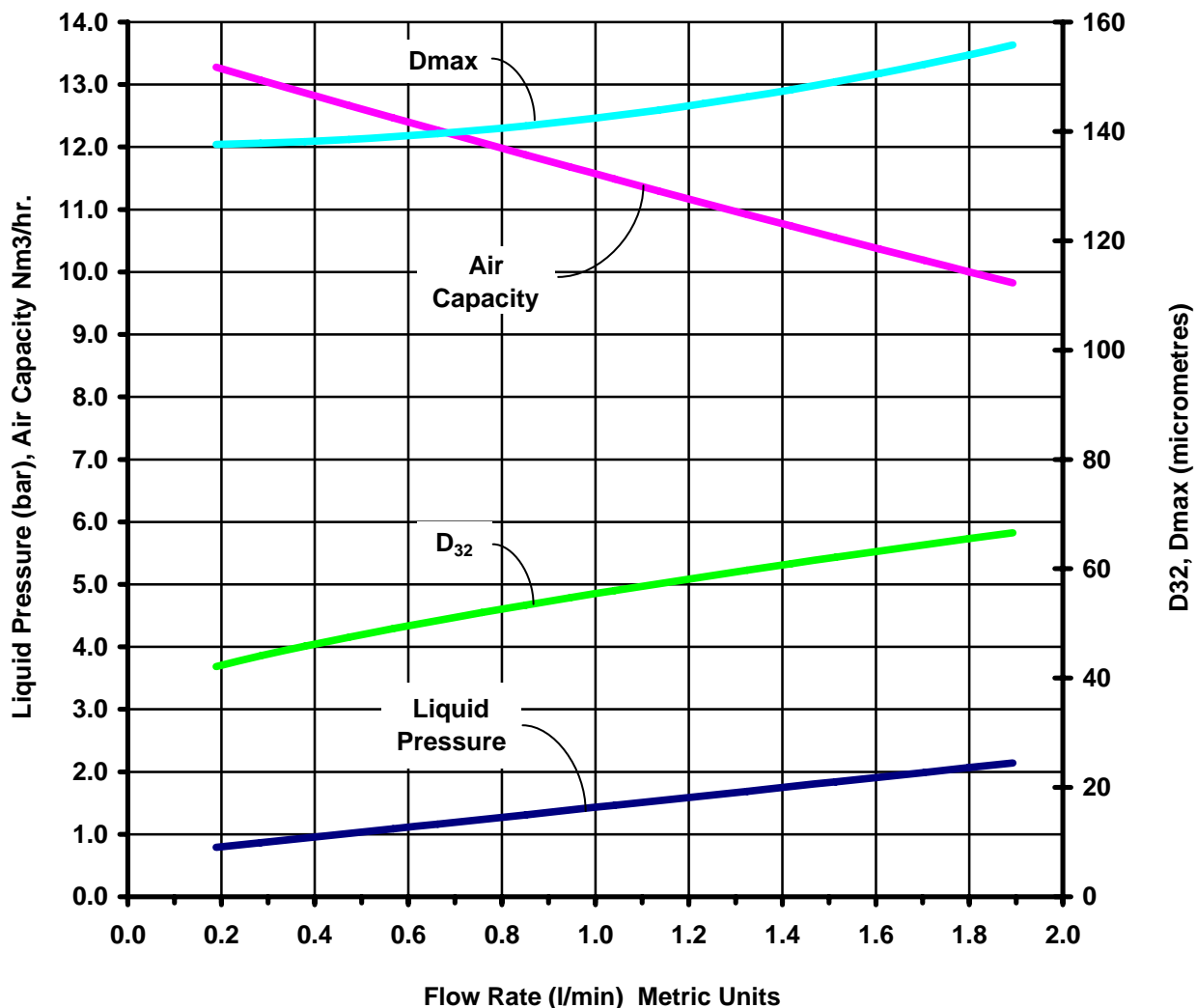
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Data Sheet No.

55021-2.0

Sheet of

**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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Spray Nozzles and Accessories

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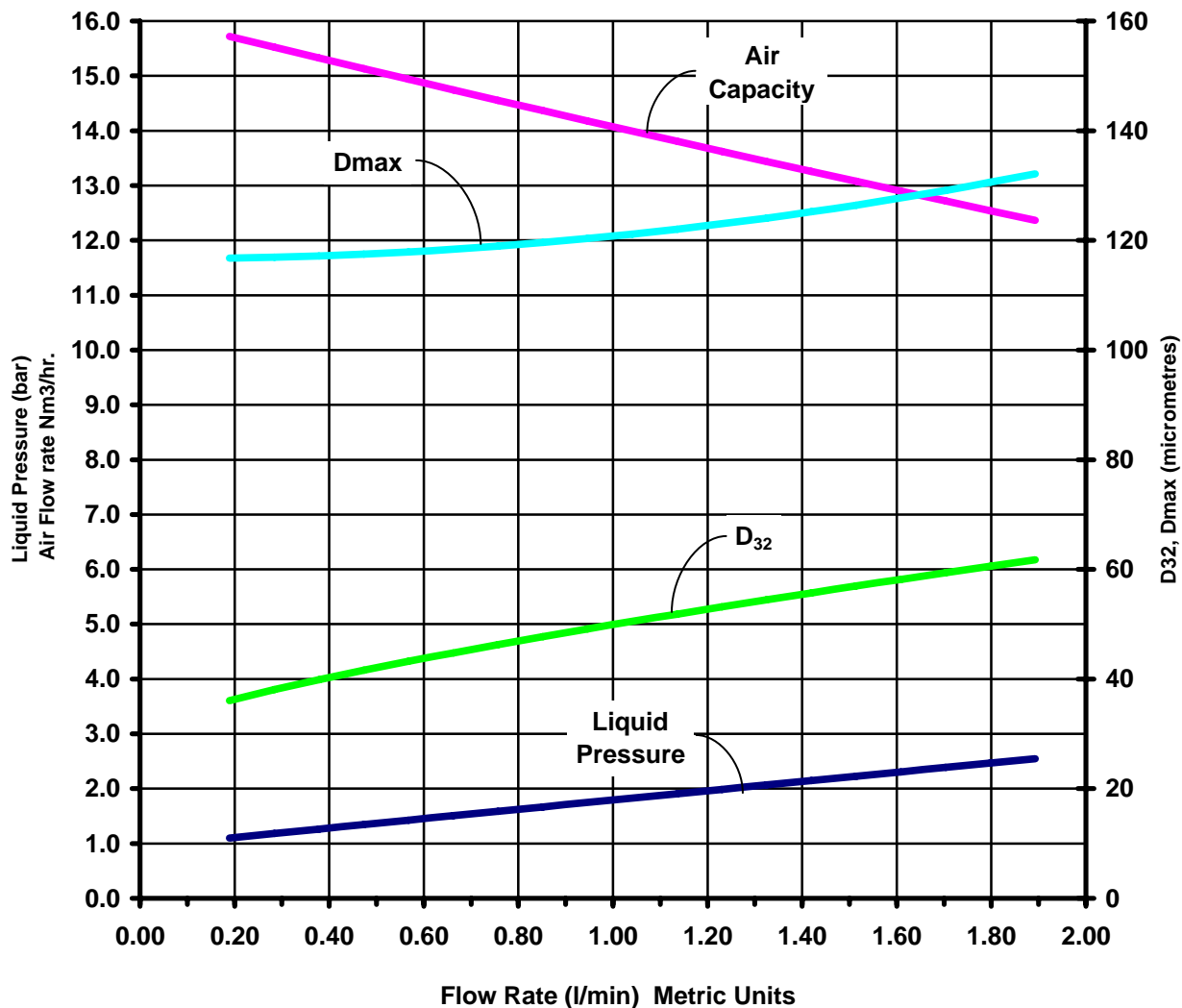
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55021-2.76

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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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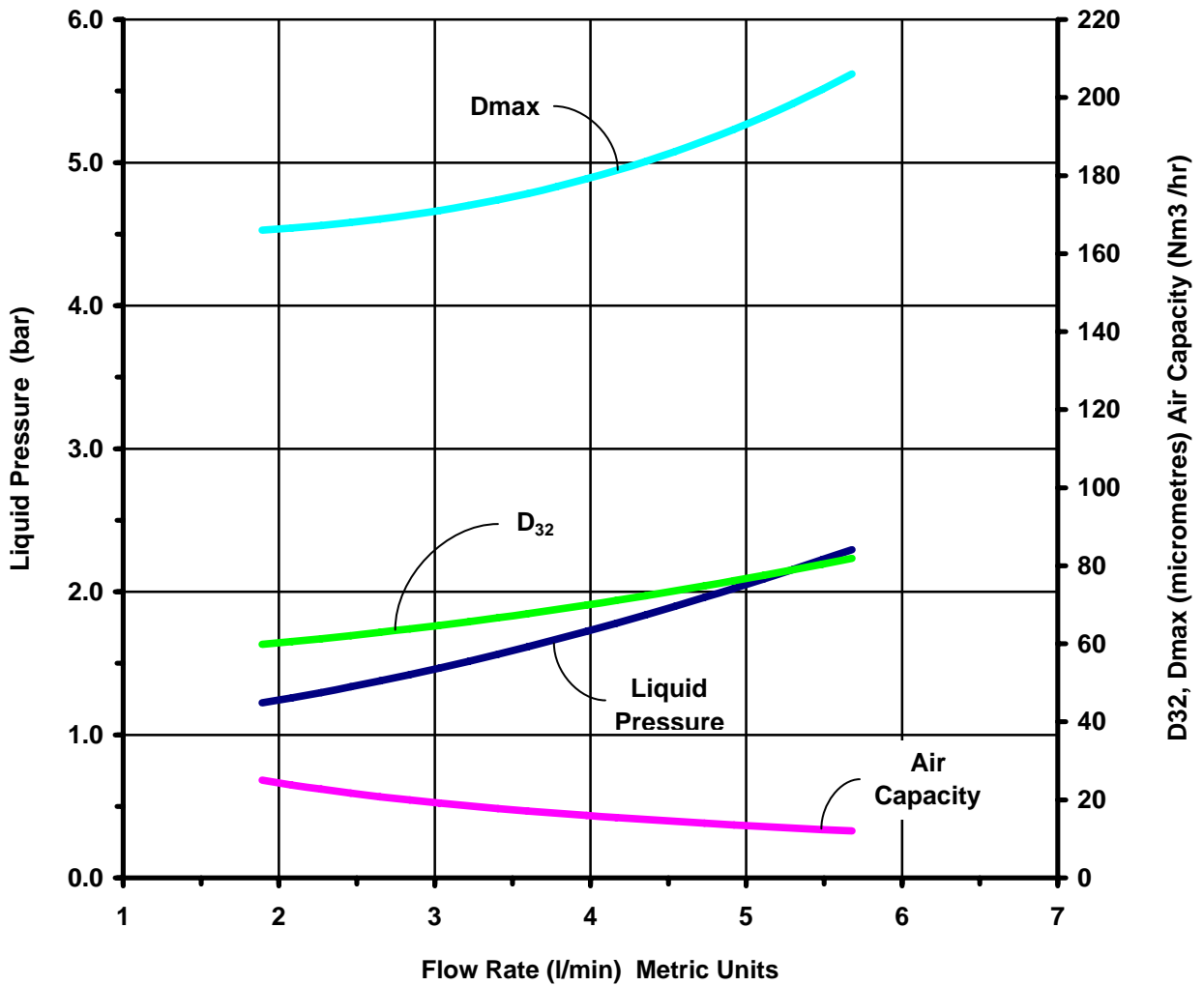
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55021-3.45

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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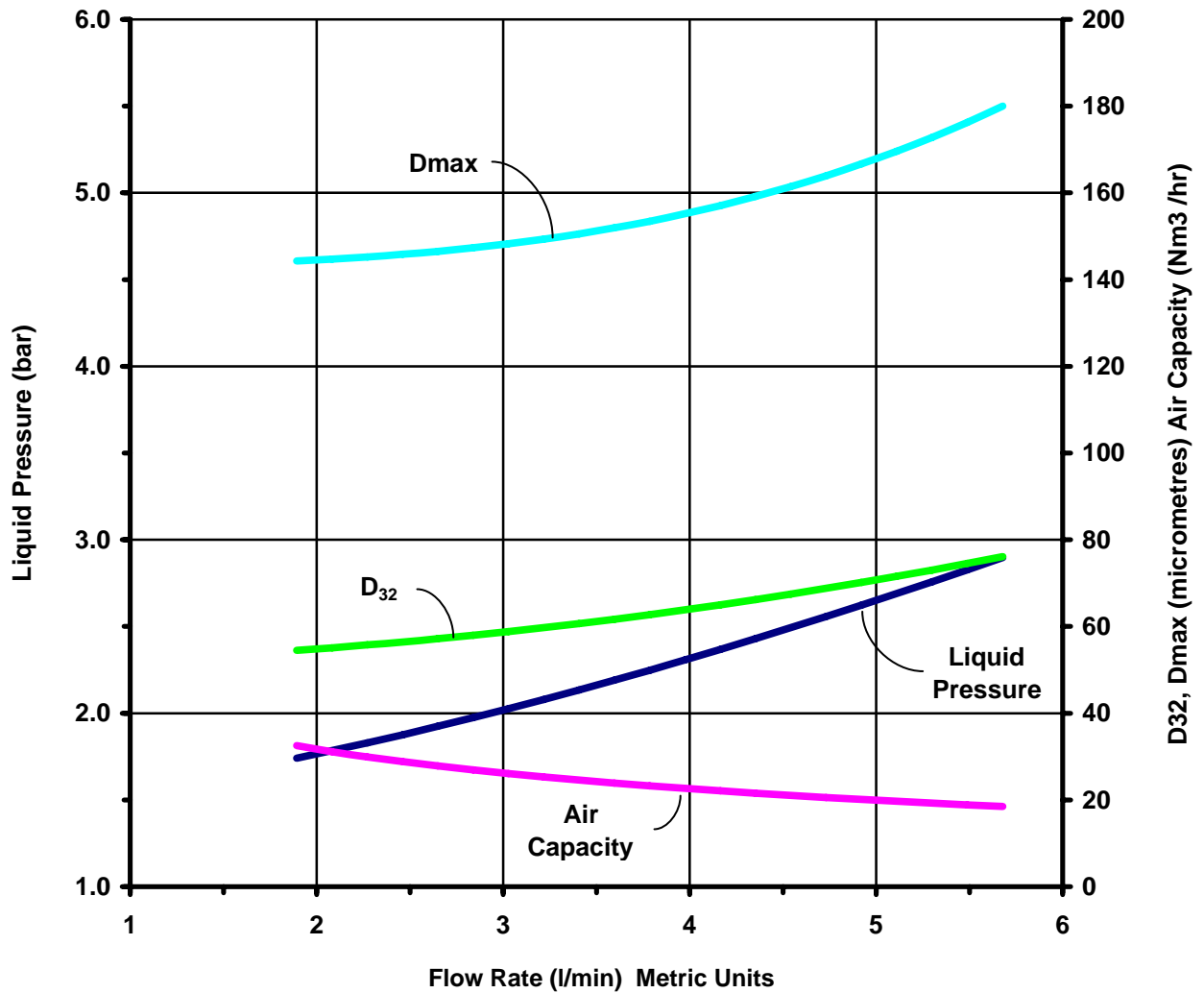
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55020-1.38

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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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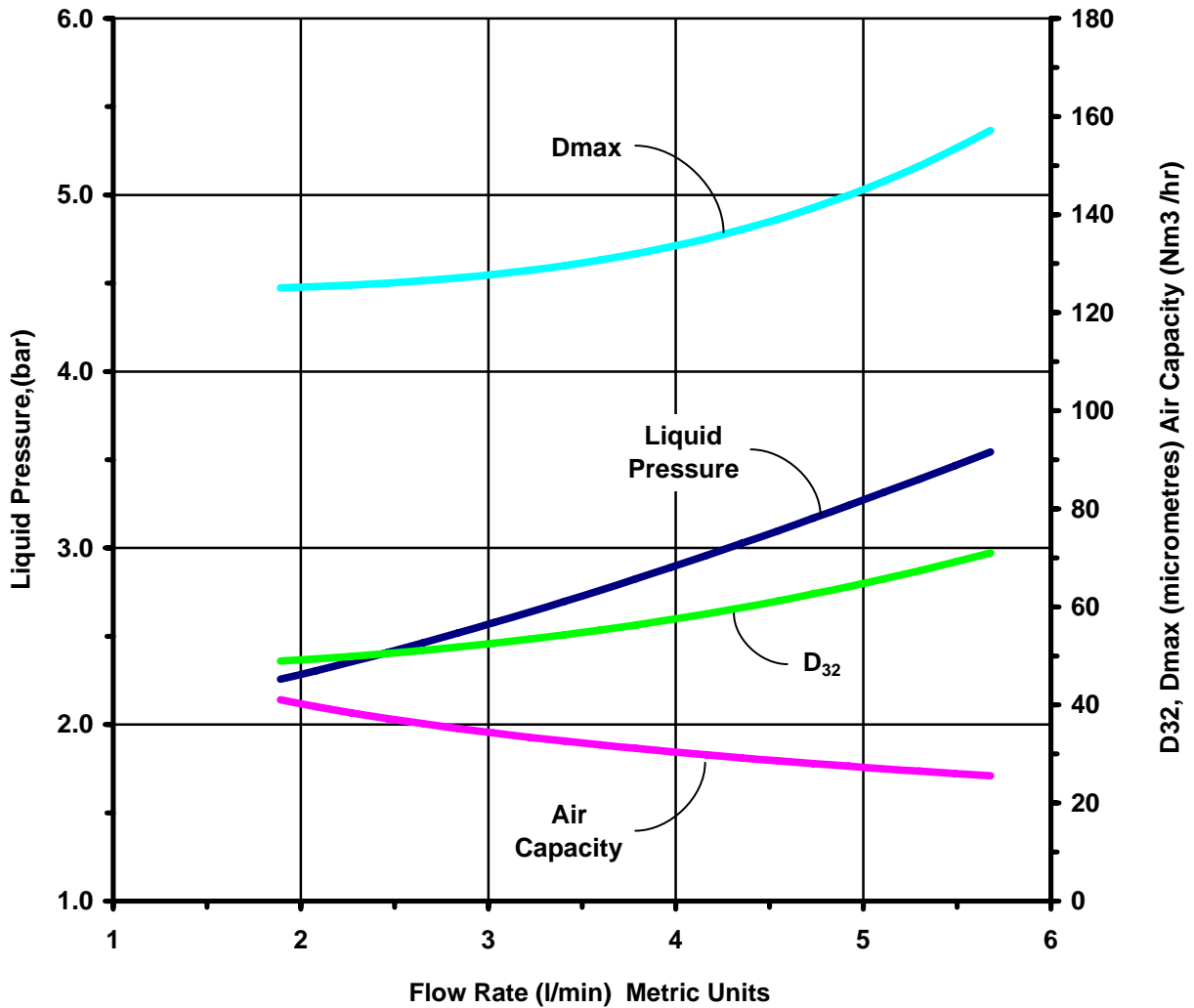
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Sheet of

**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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Spray Nozzles and Accessories

North Avenue at Schmale Rd. P.O. Box 7900

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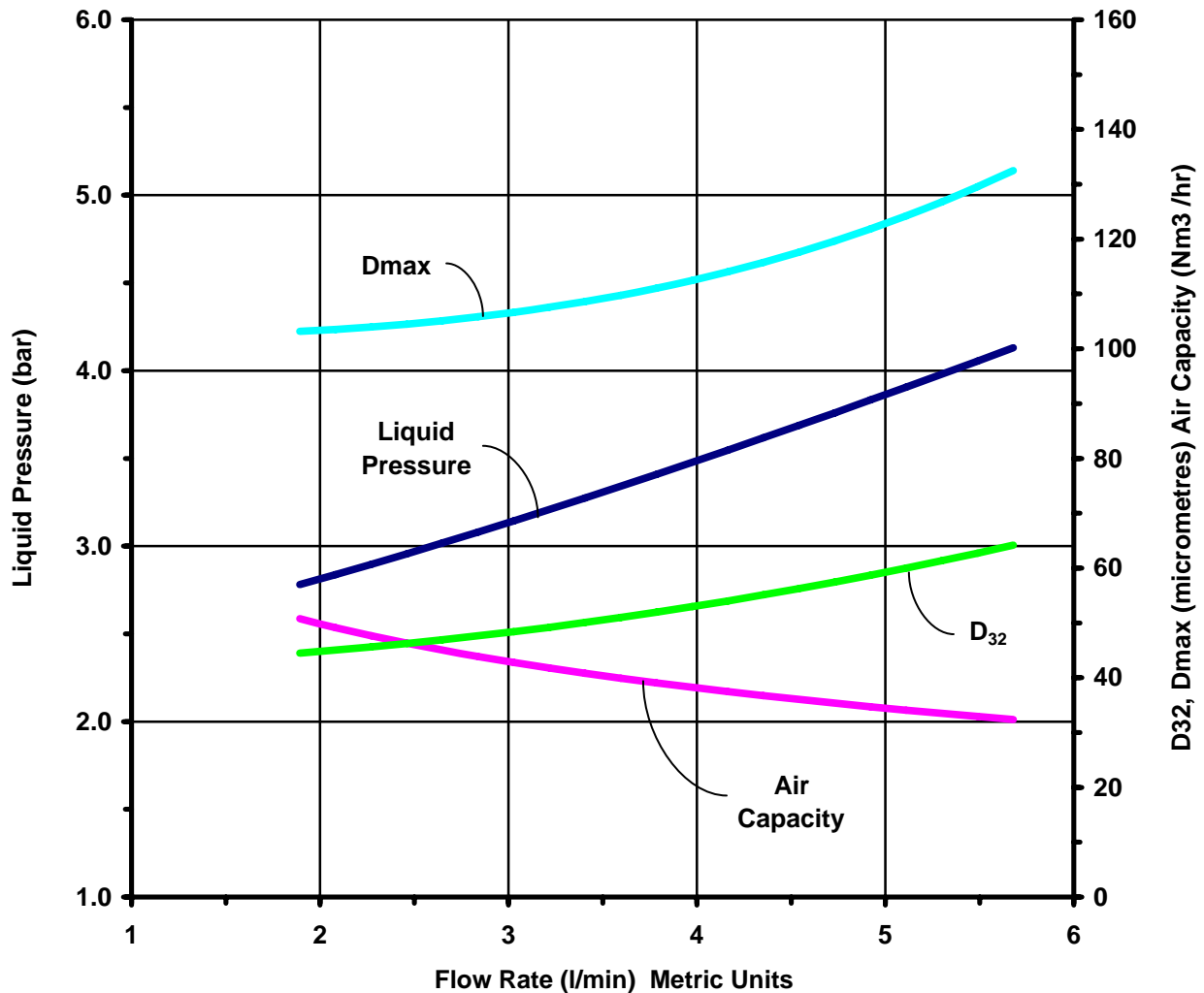
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55020-2.76

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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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Spray Nozzles and Accessories

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Rev. No.

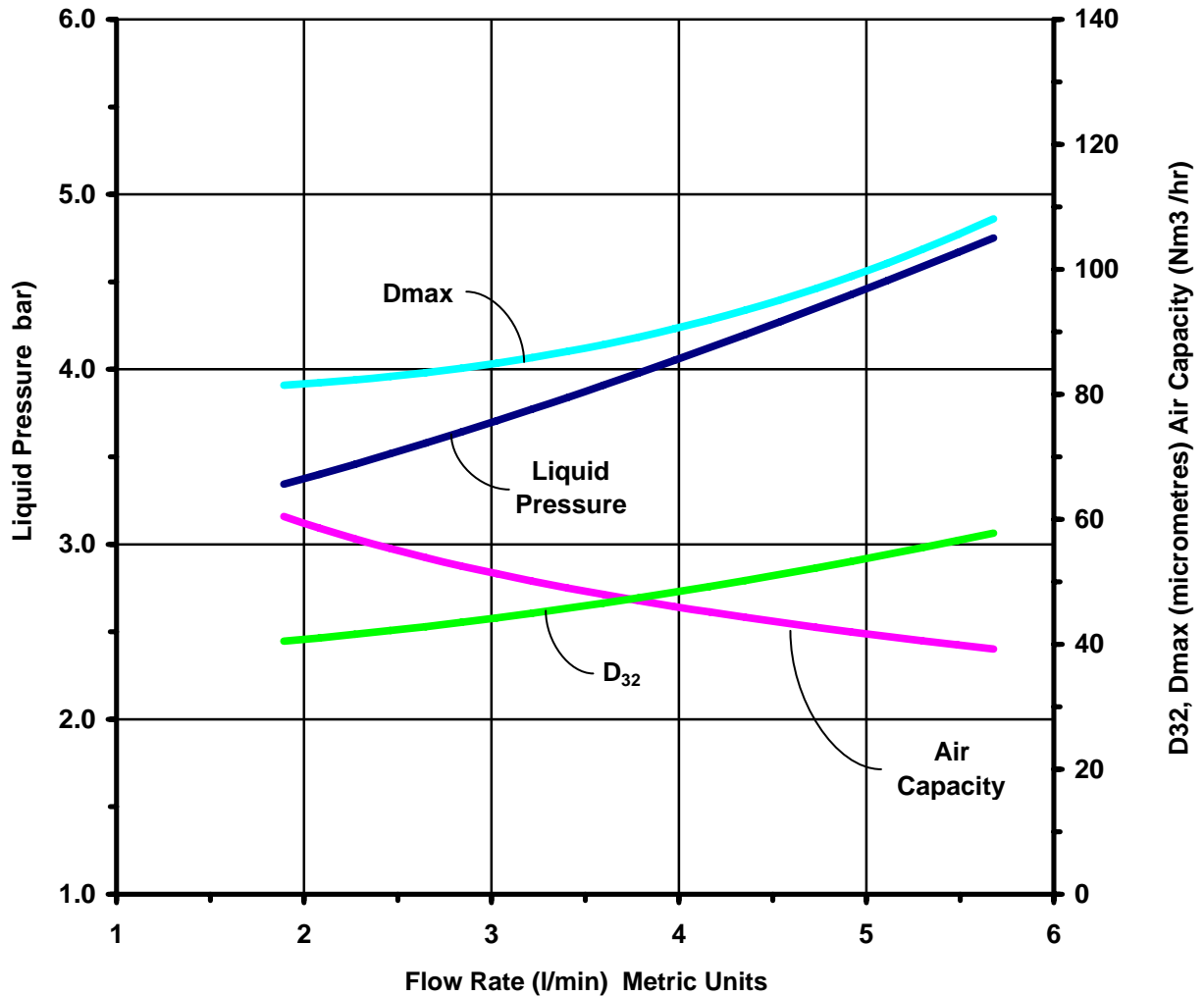
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55020-3.45

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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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Spray Nozzles and Accessories

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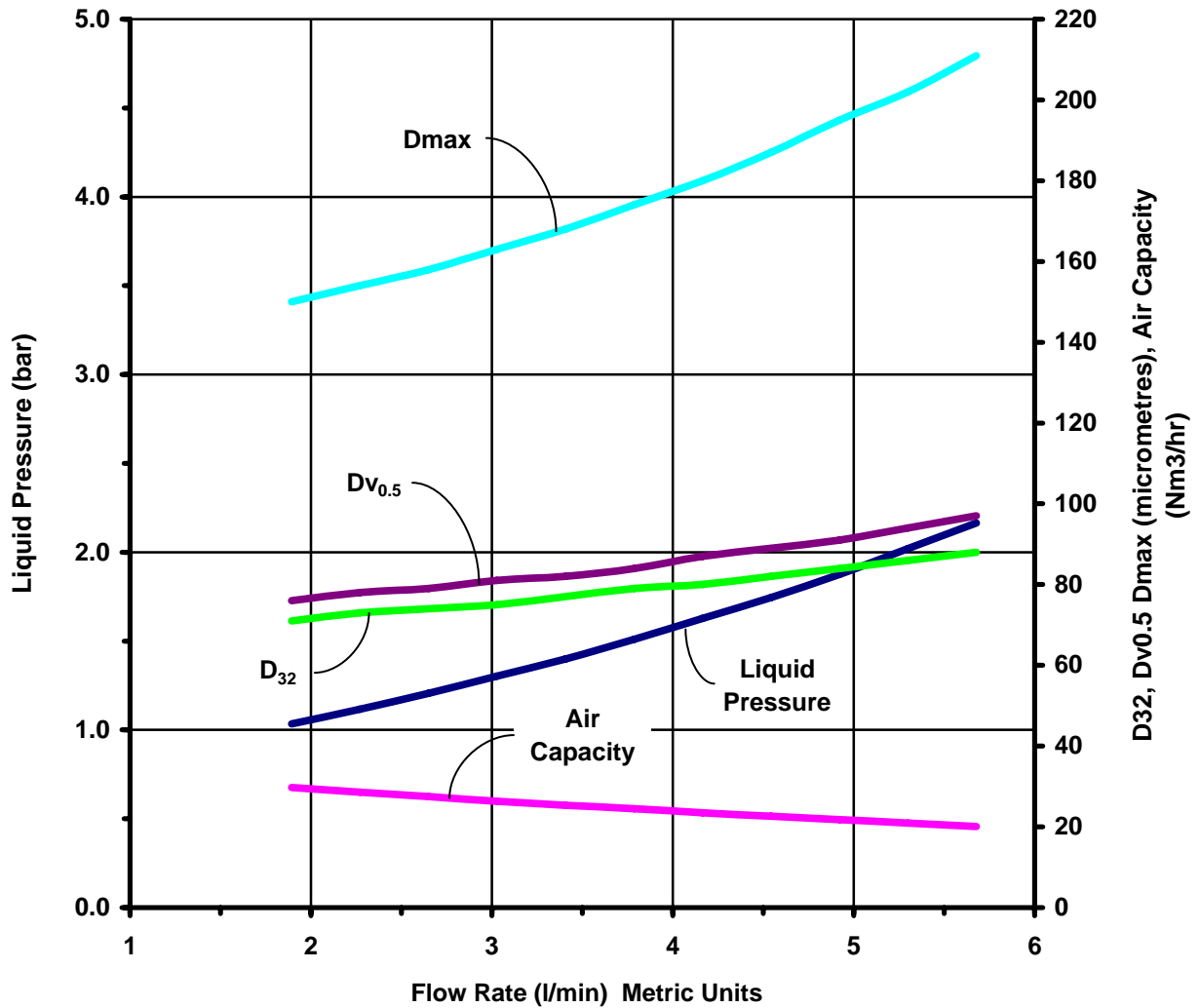
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Data Sheet No.

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**



Spraying Systems Co.

Spray Nozzles and Accessories

North Avenue at Schmale Rd. P.O. Box 7900

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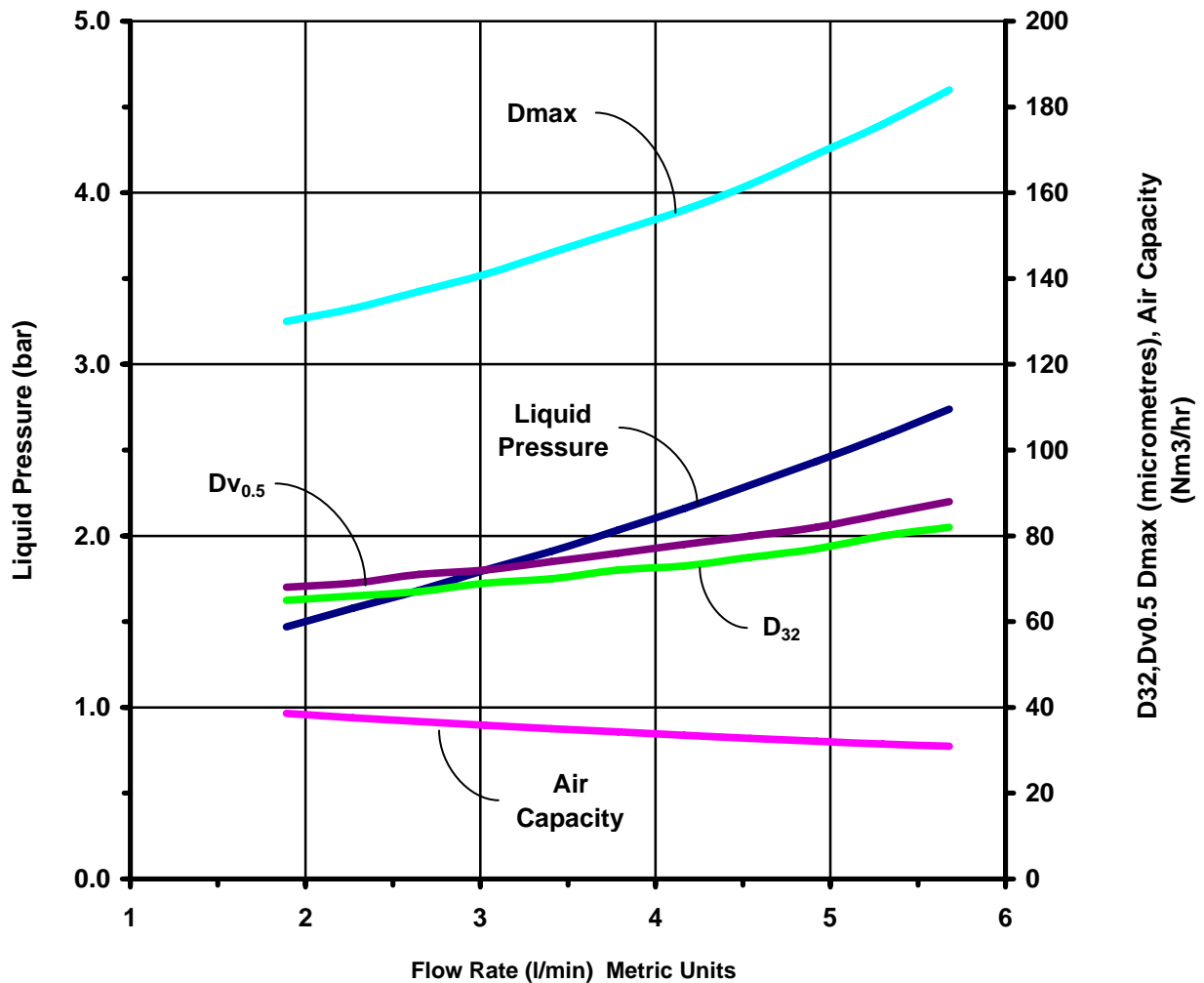
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55023-1.38

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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**



Spraying Systems Co.

Spray Nozzles and Accessories

North Avenue at Schmale Rd. P.O. Box 7900

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Rev. No.

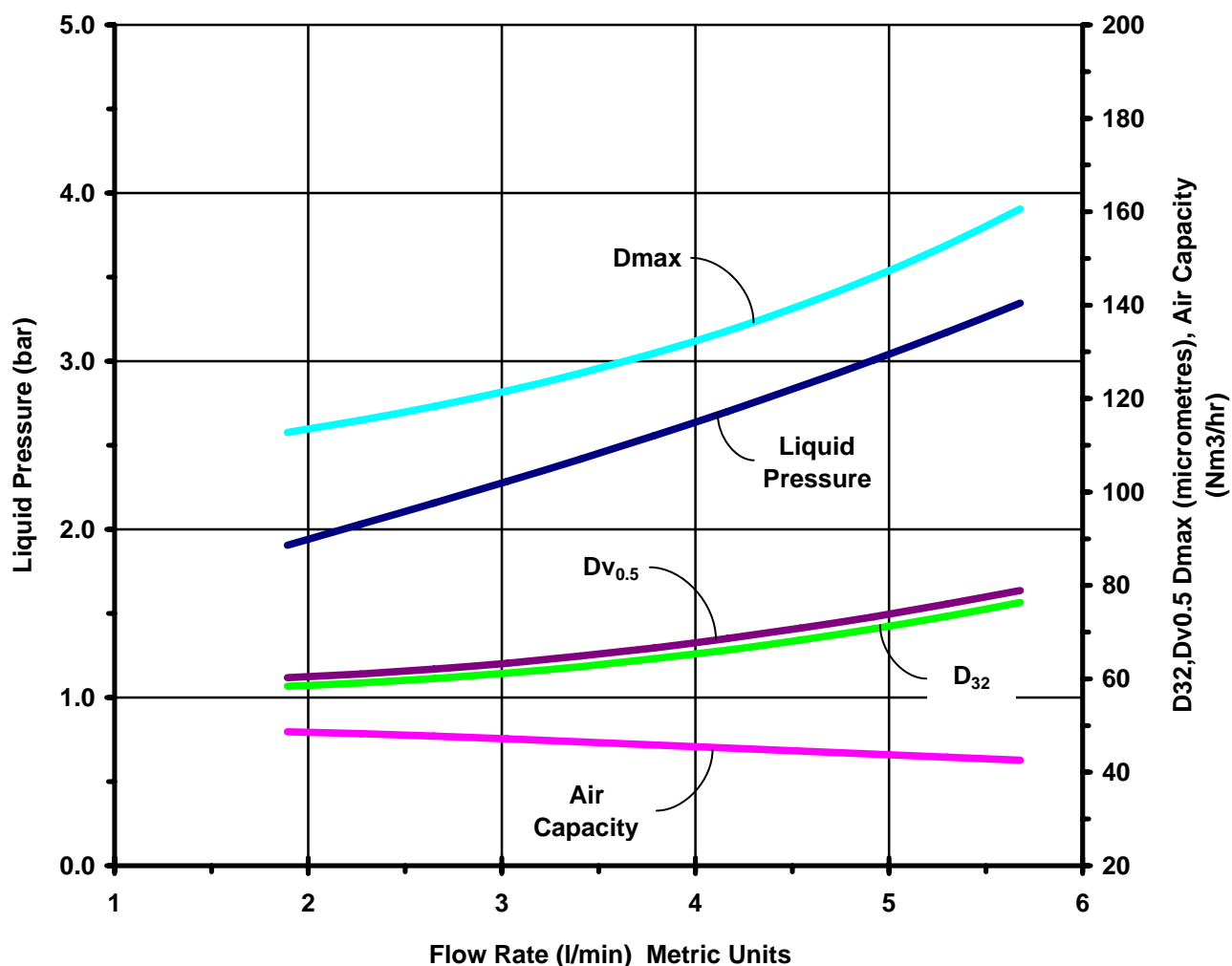
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Data Sheet No.

55023-2.0

Sheet of

**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**



Spraying Systems Co.

Spray Nozzles and Accessories

North Avenue at Schmale Rd. P.O. Box 7900

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Rev. No.

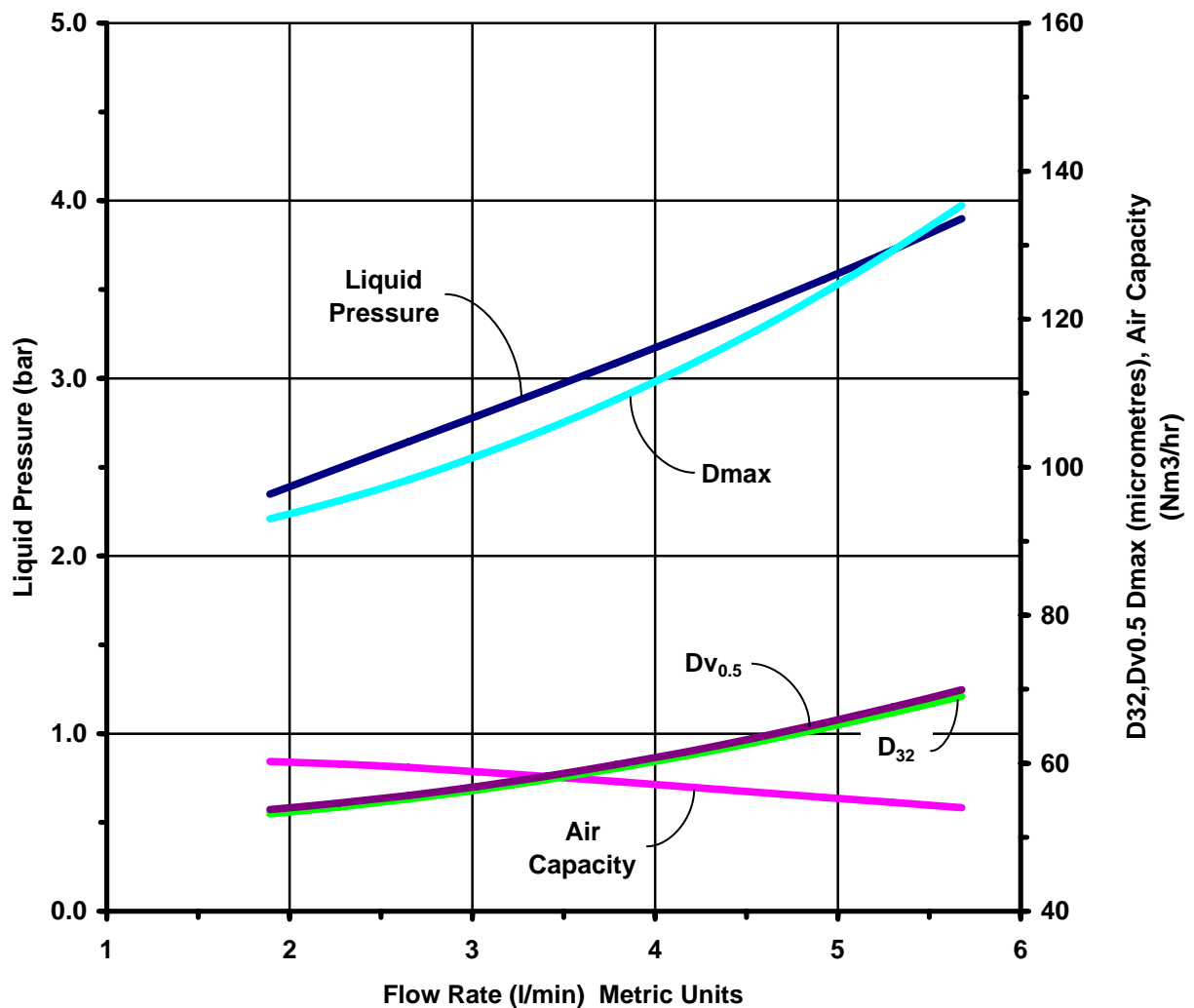
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Data Sheet No.

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.

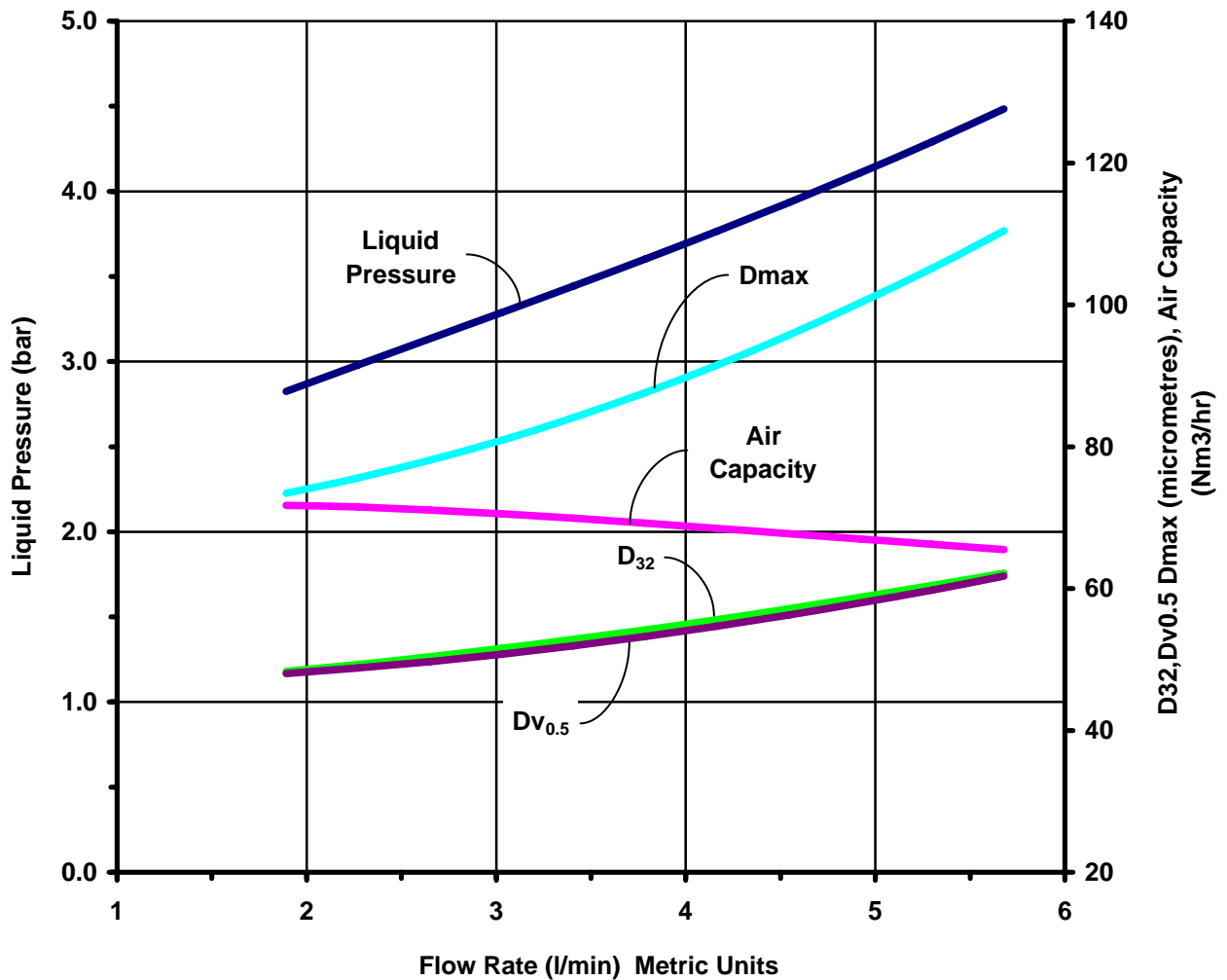
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Data Sheet No.

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

North Avenue at Schmale Rd. P.O. Box 7900

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Rev. No.

Ref.

Data Sheet No.

55023-4.14

Sheet of