

# Technical data sheet for EVMETAL.DK needle valves, 9000 series.

(V1.3-26.02.2018)

<b>Item#: 905201-8 1/4x1/4 (Offset Flow)</b>	<b>Regulating stem type</b>
<b>Item#: 905201-18 1/4x1/4 (Offset Flow)</b>	<b>Vee stem type</b>
<b>Part:</b>	<b>Description</b>
Valve Body:	AISI316L
Stem:	AISI316L (hardened)
Handle:	Aluminium, anodised, color: blue.
Gasket:	PTFE + Carbon
Temperature:	-60°C til + 200°C
Connection:	HP 1/4" (inside cone/thread)
Media:	Oil, Hydrogen (H <sub>2</sub> ), water (H <sub>2</sub> O), various gases
Height: (handle closed/ fully opened)	116mm/126mm
Length:	51mm (Handle: 75mm)
Width:	25mm
Max. working pressure	1500 bar, 21.000 Psi
Flow direction	Offset flow

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<b>Item#: 905200-8 1/4x1/4 (Straight Flow)</b>	<b>Regulating stem type</b>
<b>Item#: 905200-18 1/4x1/4 (Straight Flow)</b>	<b>Vee stem type</b>
<b>Part:</b>	<b>Description</b>
Valve Body:	AISI316L
Stem:	AISI316L (hardened)
Handle:	Aluminium, anodised, color: blue
Gasket:	PTFE + Carbon
Temperature:	-60°C til + 200°C
Connection:	MP 1/4" (cone/thread)
Media:	Oil, Hydrogen (H <sub>2</sub> ), water (H <sub>2</sub> O), various gases
Height: (handle: closed/ fully opened)	117mm/125 mm
Length:	51mm (Handle: 75mm)
Width:	25mm
Max. working pressure	1500 bar, 21.000 Psi
Flow direction	Straight flow

# Technical data sheet for EVMETAL.DK needle valves, 9000 series.

(V1.3-26.02.2018)

<b>Item#: 915201-8 1/4x1/4 (Offset Flow)</b>	<b>Regulating stem type</b>
<b>Item#: 915201-18 1/4x1/4 (Offset Flow)</b>	<b>Vee stem type</b>
<b>Part:</b>	<b>Description</b>
Valve Body:	AISI316L
Stem:	AISI316L (hardened)
Handle:	Aluminium, anodised, color: blue.
Gasket:	PTFE + Carbon
Temperature:	-60°C til + 200°C
Connection:	HP 1/4" (inside cone/thread)
Media:	Oil, Hydrogen (H <sub>2</sub> ), water (H <sub>2</sub> O), various gases
Height: (handle closed/ fully opened)	120mm/126mm
Length:	51mm (Handle: 75mm)
Width:	25mm
Max. working pressure	3000 bar, 43.500 Psi
Flow direction	Offset flow

# Technical data sheet for EVMETAL.DK needle valves, 9000 series.

(V1.3-26.02.2018)

<b>Item#: 905201-8 3/8x3/8 (Offset Flow)</b>	<b>Regulating stem type</b>
<b>Item#: 905201-18 3/8x3/8 (Offset Flow)</b>	<b>Vee stem type</b>
<b>Part:</b>	<b>Description:</b>
Valve Body:	AISI316L
Stem:	AISI316L (hardened)
Handle:	Aluminium, anodised, color: blue.
Gasket:	PTFE + Carbon
Temperature:	-60°C til + 200°C
Connection:	MP 3/8" (cone/thread)
Media:	Oil, Hydrogen (H <sub>2</sub> ), water (H <sub>2</sub> O), various gases
Height: (handle closed/ fully opened)	116mm/126mm
Length:	51mm (Handle: 75mm)
Width:	25mm
Max. working pressure	1500 bar, 21.000 Psi
Flow direction	Offset flow

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<b>Item#: 905200-8 3/8x3/8 (Straight Flow)</b>	<b>Regulating stem type</b>
<b>Item#: 905200-18 3/8x3/8 (Straight Flow)</b>	<b>Vee stem type</b>
<b>Part:</b>	<b>Description</b>
Valve Body:	AISI316L
Stem:	AISI316L (hardened)
Handle:	Aluminium, anodised, color: blue
Gasket:	PTFE + Carbon
Temperature:	-60°C til + 200°C
Connection:	MP 3/8" (cone/thread)
Media:	Oil, Hydrogen (H <sub>2</sub> ), water (H <sub>2</sub> O), various gases
Height: (handle: closed/ fully opened)	117mm/125 mm
Length:	51mm (Handle: 75mm)
Width:	25mm
Max. working pressure	1500 bar, 21.000 Psi
Flow direction	Straight flow

# Technical data sheet for EVMETAL.DK needle valves, 9000 series.

(V1.3-26.02.2018)

<b>Item#: 905201-8 9/16x9/16 (Offset Flow)</b>	<b>Regulating stem type</b>
<b>Item#: 905201-18 9/16x9/16 (Offset Flow)</b>	<b>Vee stem type</b>
<b>Part:</b>	<b>Description:</b>
Valve Body:	AISI316L
Stem:	AISI316L (hardened)
Handle:	Aluminium, anodised, color: blue.
Gasket:	PTFE + Carbon
Temperature:	-60°C til + 200°C
Connection:	MP 9/16" (cone/thread)
Media:	Oil, Hydrogen (H <sub>2</sub> ), water (H <sub>2</sub> O), various gases
Height: (handle closed/ fully opened)	150mm/160mm
Length:	64mm (Handle: 100mm)
Width:	32mm
Max. working pressure	1500 bar, 21.000 Psi
Flow direction	Offset flow

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<b>Item#: 905200-8 9/16x9/16 (Straight Flow)</b>	<b>Regulating stem type</b>
<b>Item#: 905200-18 9/16x9/16 (Straight Flow)</b>	<b>Vee stem type</b>
<b>Part:</b>	<b>Description:</b>
Valve Body:	AISI316L
Stem:	AISI316L (hardened)
Handle:	Aluminium, anodised, color: blue
Gasket:	PTFE + Carbon
Temperature:	-60°C til + 200°C
Connection:	MP 9/16" (cone/thread)
Media:	Oil, Hydrogen (H <sub>2</sub> ), water (H <sub>2</sub> O), various gases
Height: (handle: closed/ fully opened)	150mm/160 mm
Length:	64mm (Handle: 100mm)
Width:	32mm
Max. working pressure	1500 bar, 21.000 Psi
Flow direction	Straight flow