

ADVANCE[®]

PRODUCT CATALOG
Valves for a multiplicity of requirements

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NP series

High Precision Metering Valves

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NP series

High Precision Metering Valves

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※Please contact us if you have any questions.

NP series

High Precision Metering Valve

The NP series needle valve precisely adjusts flow rate of DI water and chemical.



High Precision Metering Valve

NP310A-2ACB-*



Specifications

Model Code	See Model Selection Table
Connection Size	(I.D.×O.D.) 3.97×6.35 [mm]
Flow Characteristics	See Flow Characteristics
Applicable Media	DI Water, Corrosive Fluid
Media Pressure	A→B: 0~0.5MPa B→A: 0~0.5MPa
Media Temperature	15~90°C
Ambient Temperature	10~60°C
Wetted Material	Diaphragm: Corrosion-resistant plastic Valve Body: Corrosion-resistant plastic

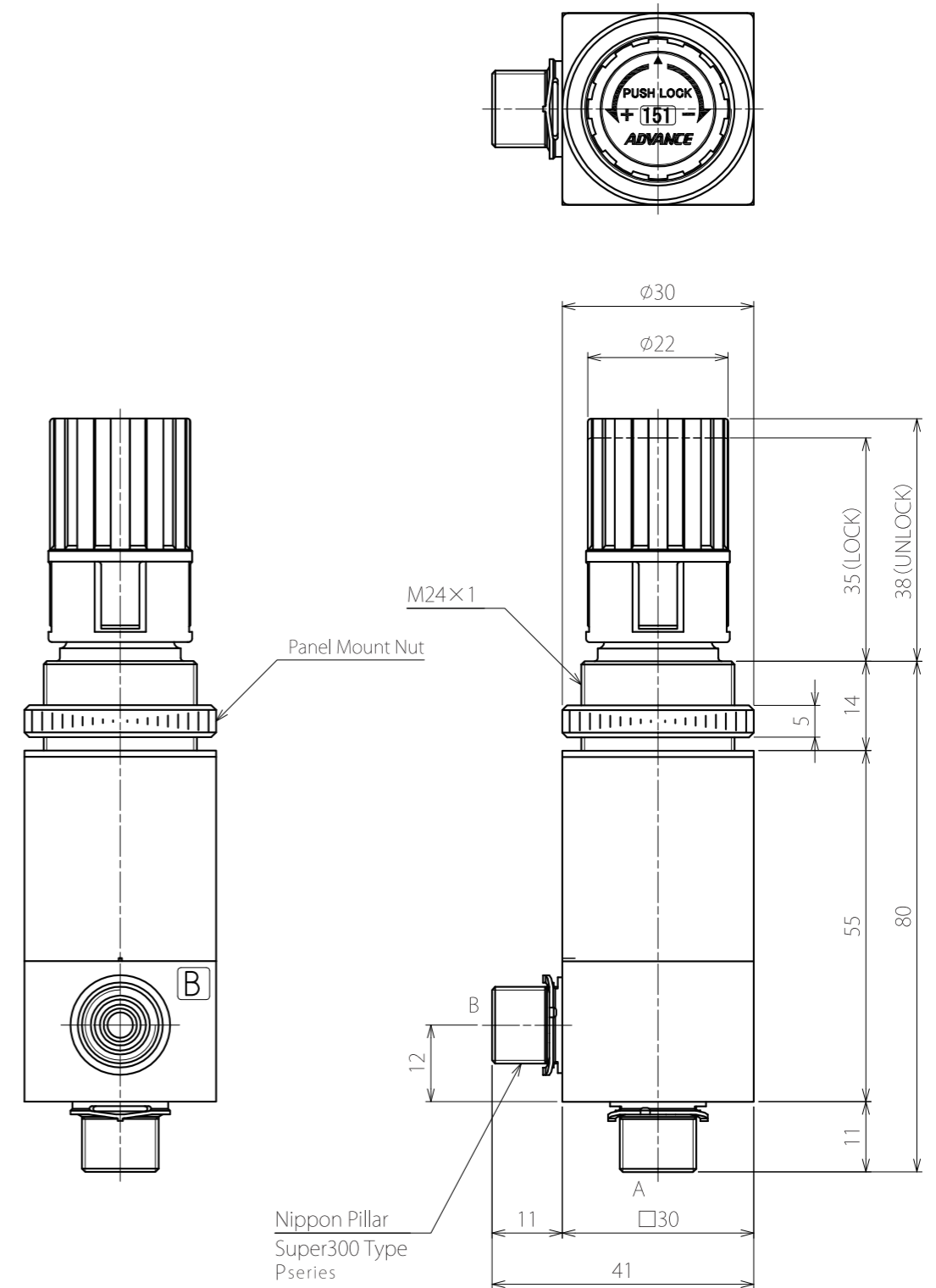
*Specifications are subject to change without notice.

Model Selection Table

NP310A-2ACB-*

Flow Range:
Multiple orifice sizes to select from to fine-tune flow in the desired flow range. See flow charts for details.

Dimensional Drawing

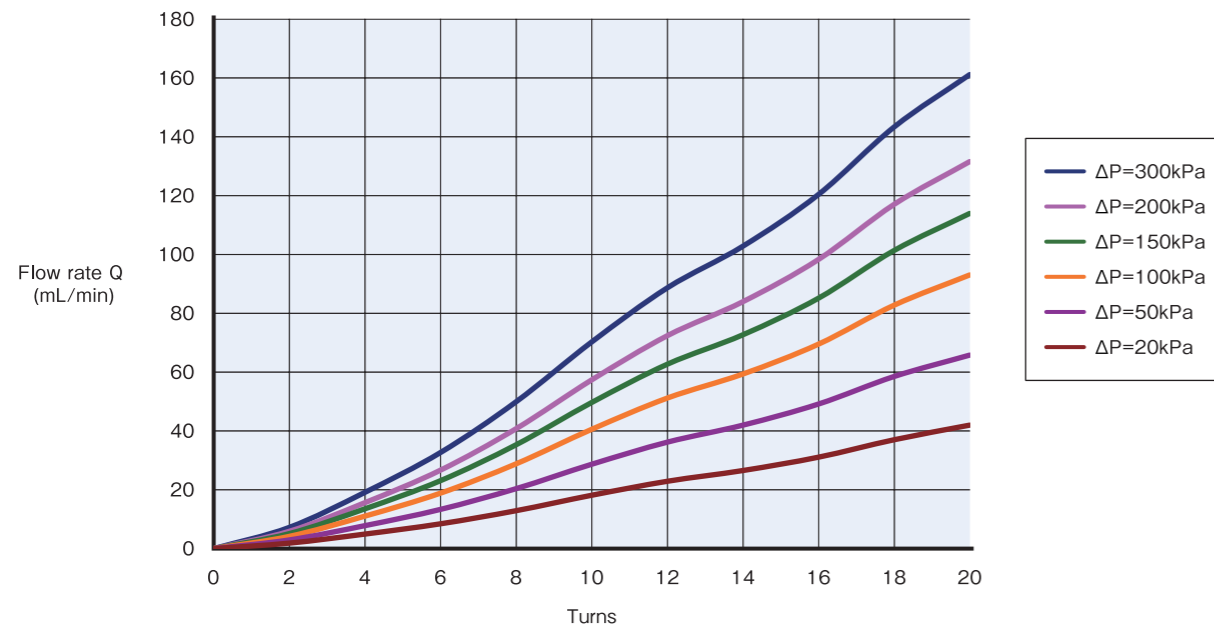


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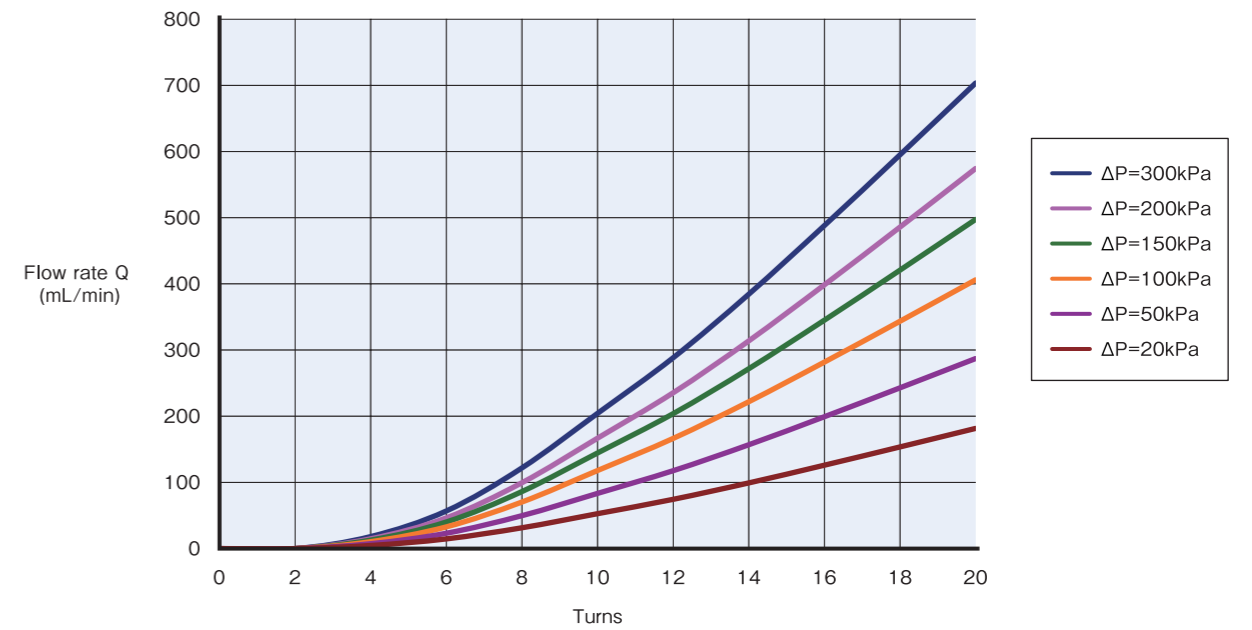
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Applicable Media	DI Water(25°C)
Ambient Temperature	25°C

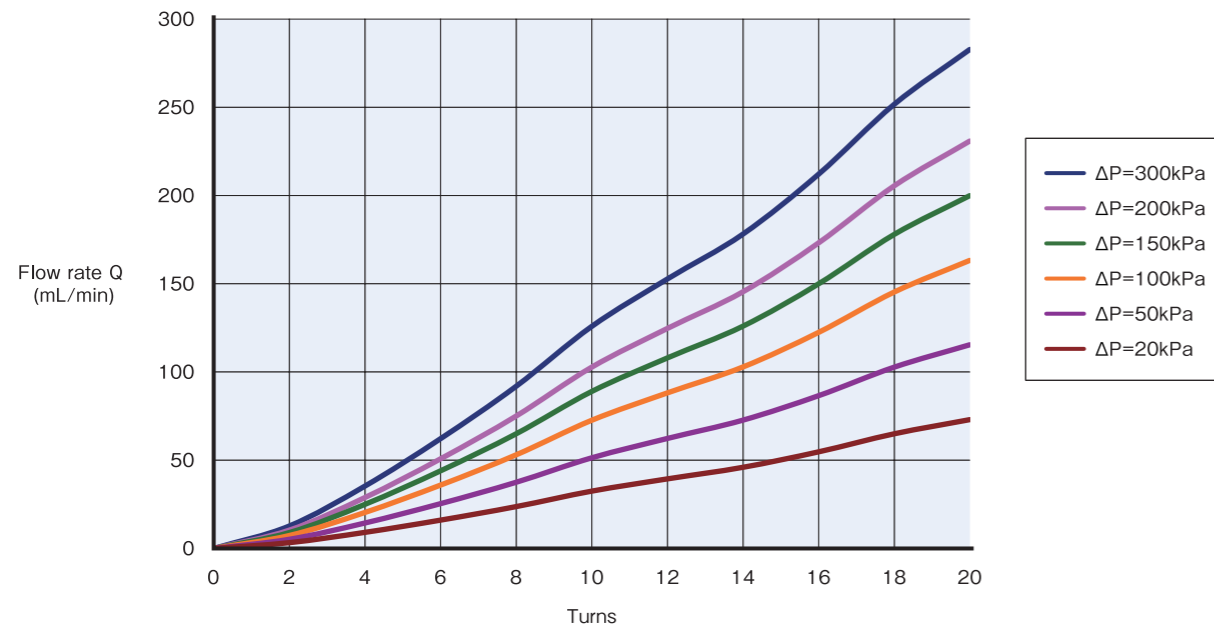
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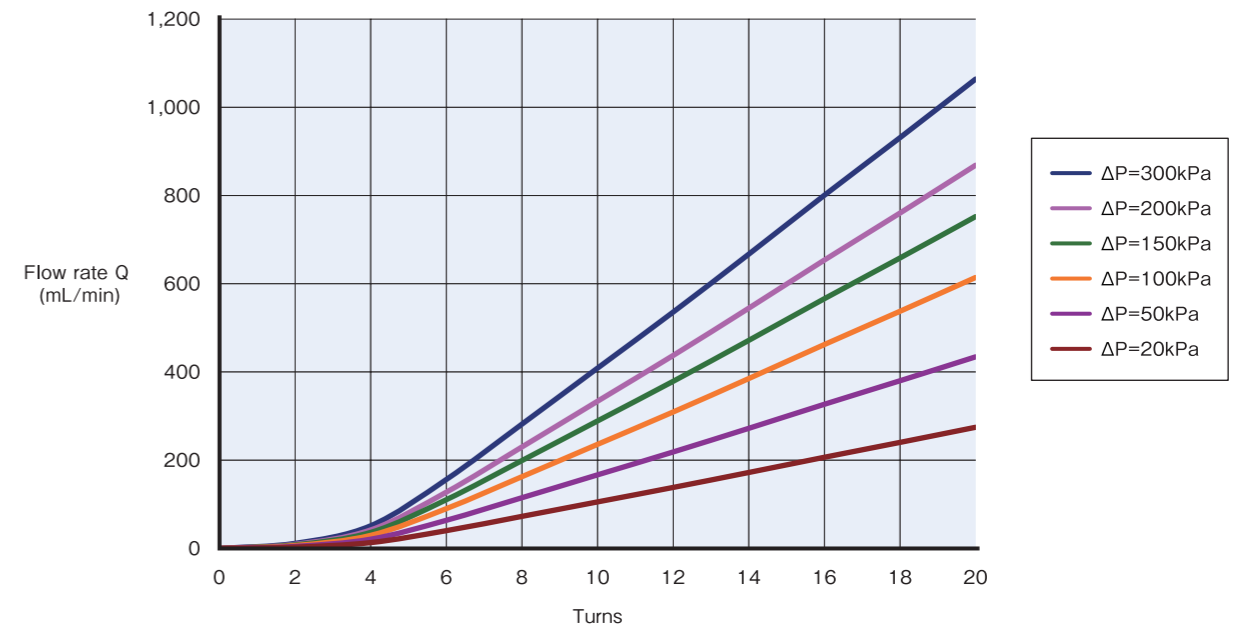
NP310A-2ACB-202



NP310A-2ACB-201



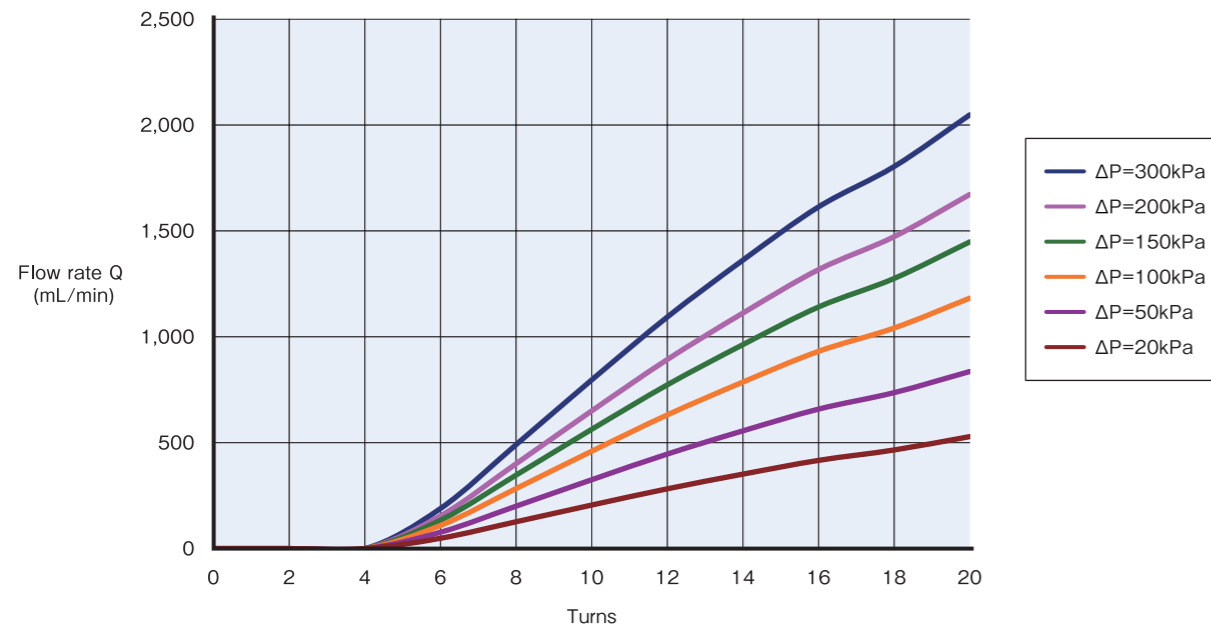
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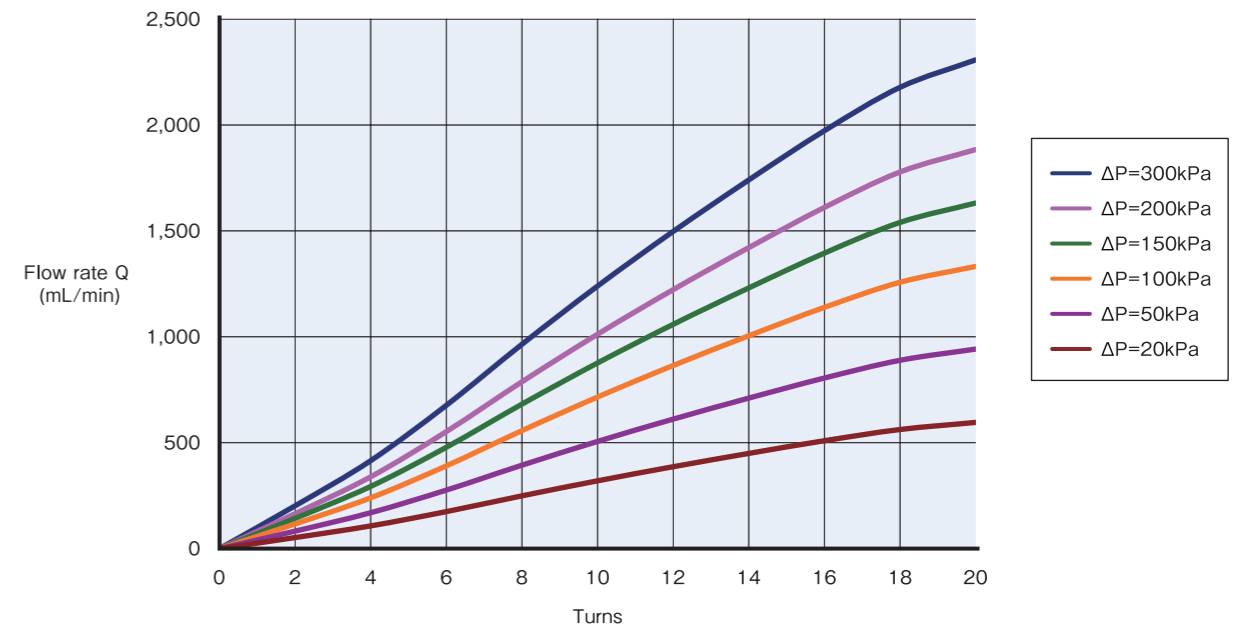
NP310A-2ACB-* (Flow Characteristics-2)

Applicable Media	DI Water(25°C)
Ambient Temperature	25°C

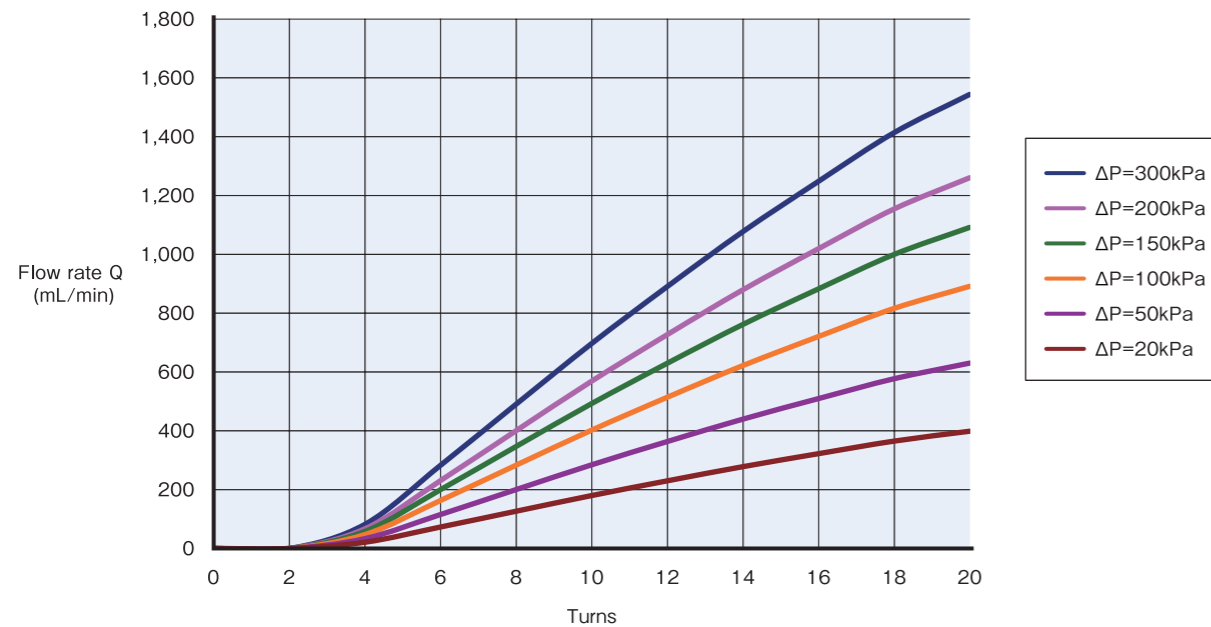
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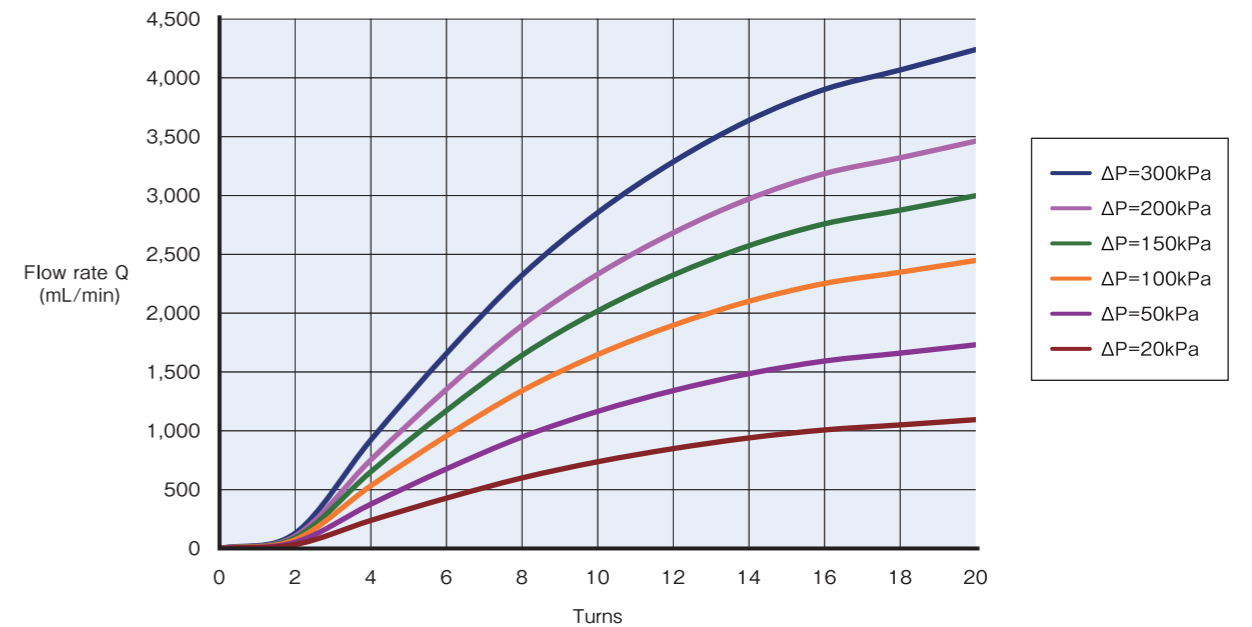
NP310A-2ACB-252



NP310A-2ACB-251



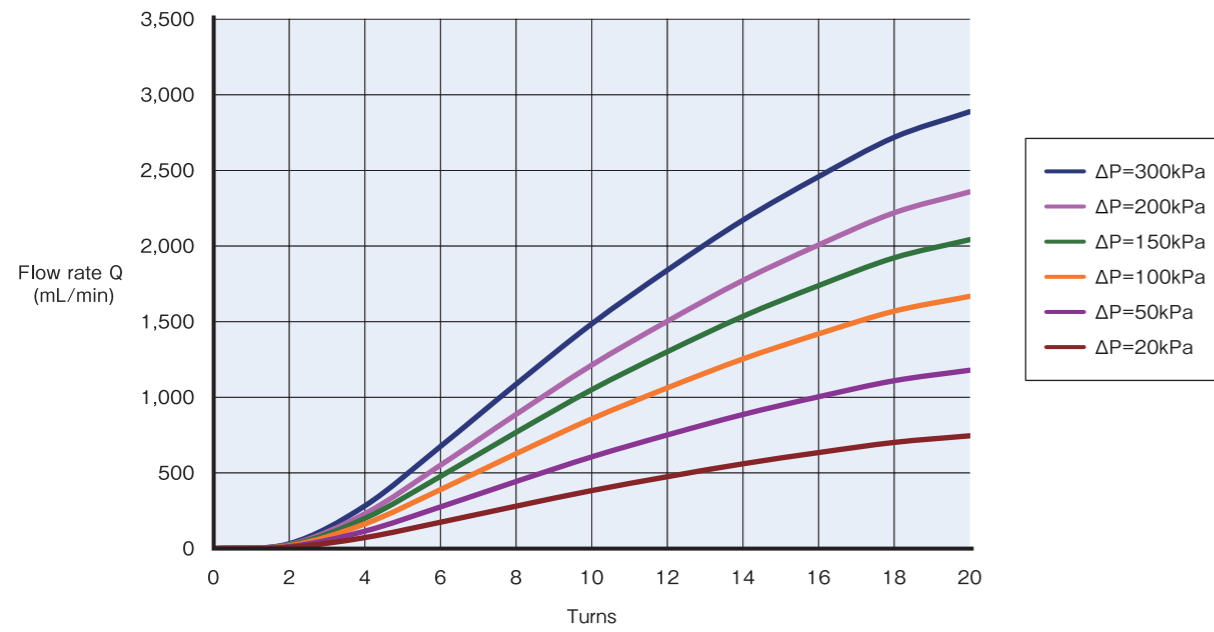
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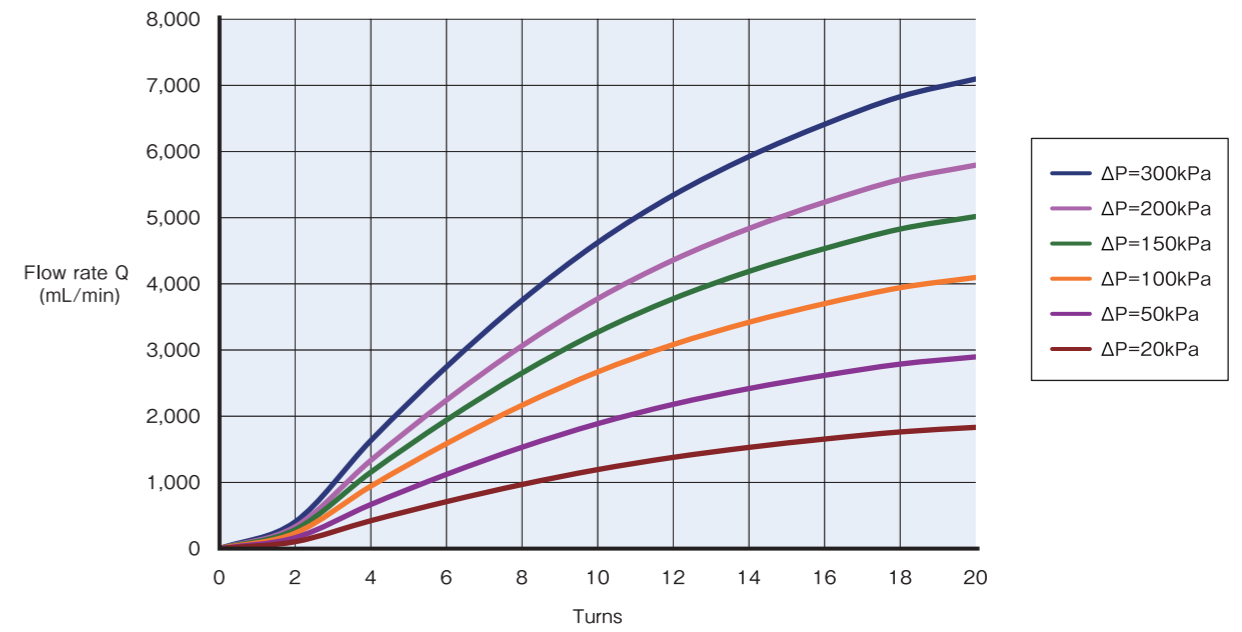
NP310A-2ACB-* (Flow Characteristics-3)

Applicable Media	DI Water(25°C)
Ambient Temperature	25°C

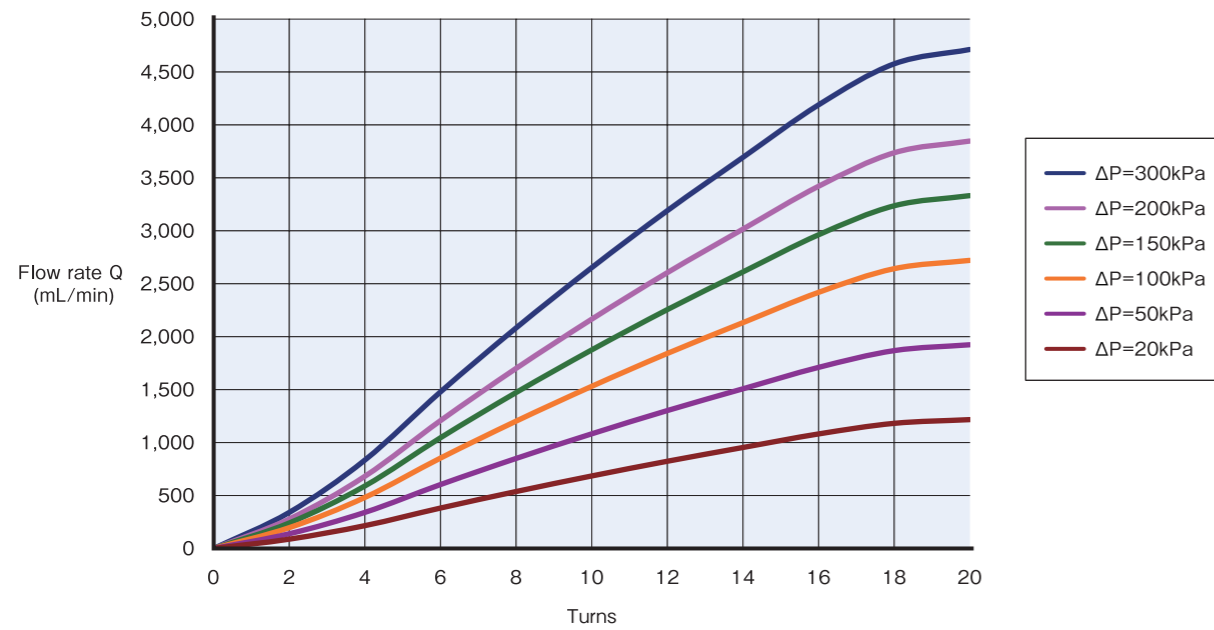
NP310A-2ACB-301



NP310A-2ACB-303



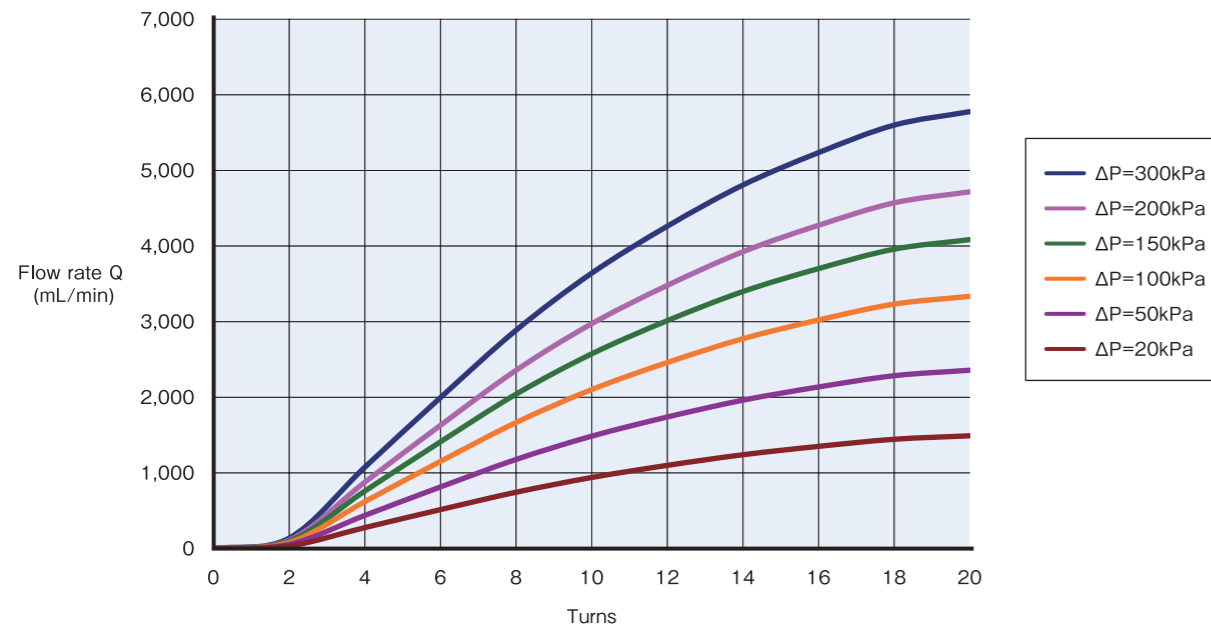
NP310A-2ACB-302



NP310A-2ACB-* (Flow Characteristics-4)

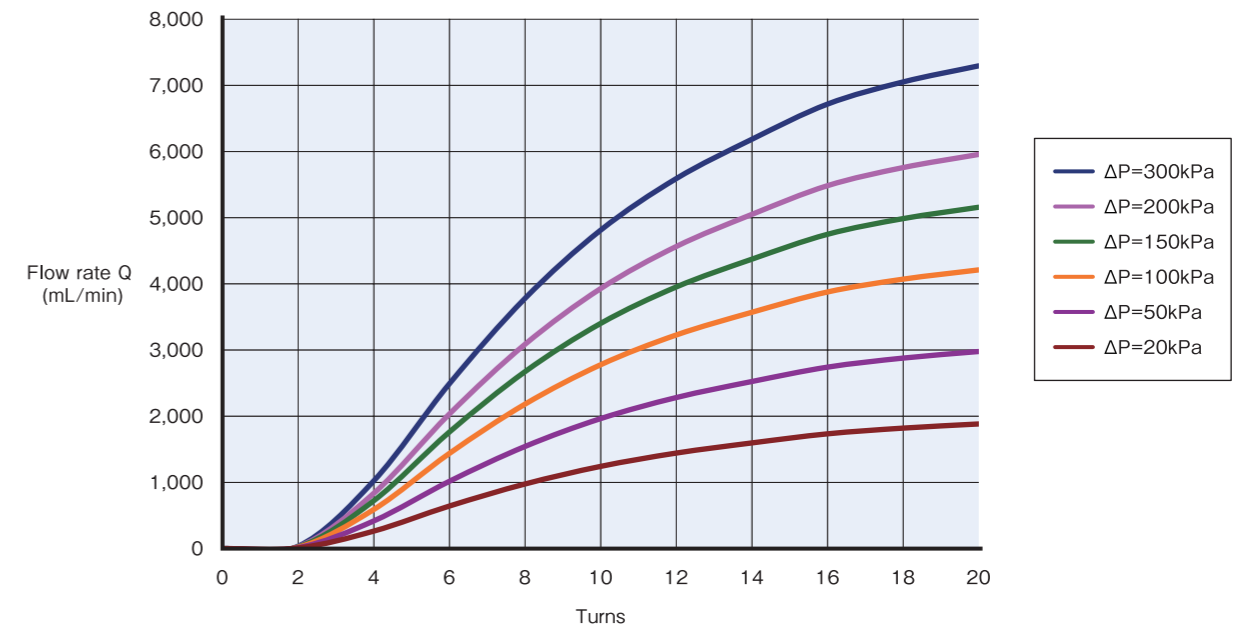
Applicable Media	DI Water (25°C)
Ambient Temperature	25°C

NP310A-2ACB-401



Applicable Media	DI Water (25°C)
Ambient Temperature	25°C

NP310A-2ACB-402



High Precision Metering Valve

NP370A-3CB-*



Specifications

Model Code	See Model Selection Table
Connection Size	(I.D.×O.D.) 6.35×9.53 [mm]
Flow Characteristics	See Flow Characteristics
Applicable Media	DI Water, Corrosive Fluid
Media Pressure	A→B: 0~0.5MPa
	B→A: 0~0.5MPa
Media Temperature	15~90°C
Ambient Temperature	10~60°C
Wetted Material	Diaphragm: Corrosion-resistant plastic
	Valve Body: Corrosion-resistant plastic

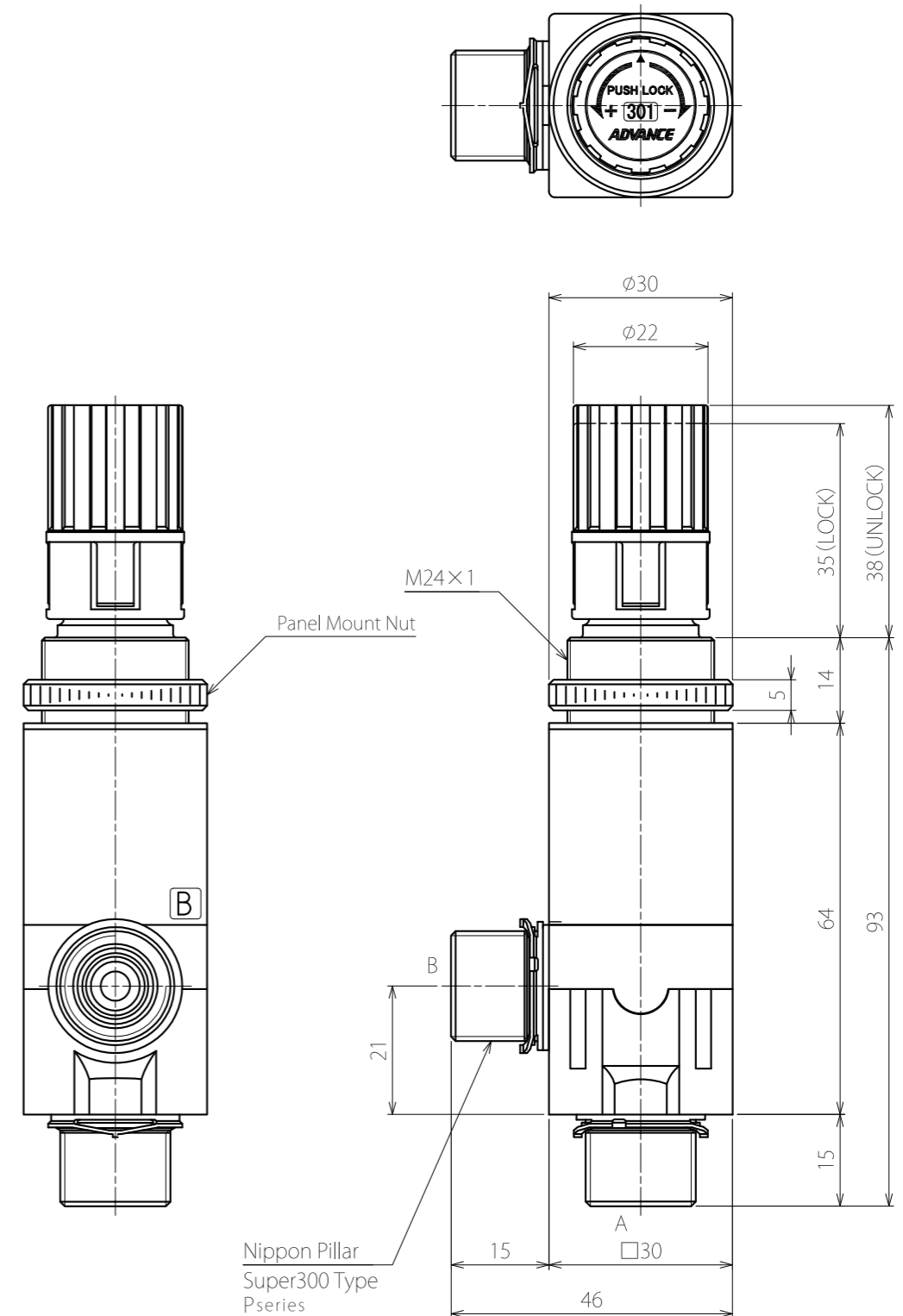
*Specifications are subject to change without notice.

Model Selection Table

NP370A-3CB-*

Flow Range:
Multiple orifice sizes to select from to fine-tune flow in the desired flow range. See flow charts for details.

Dimensional Drawing

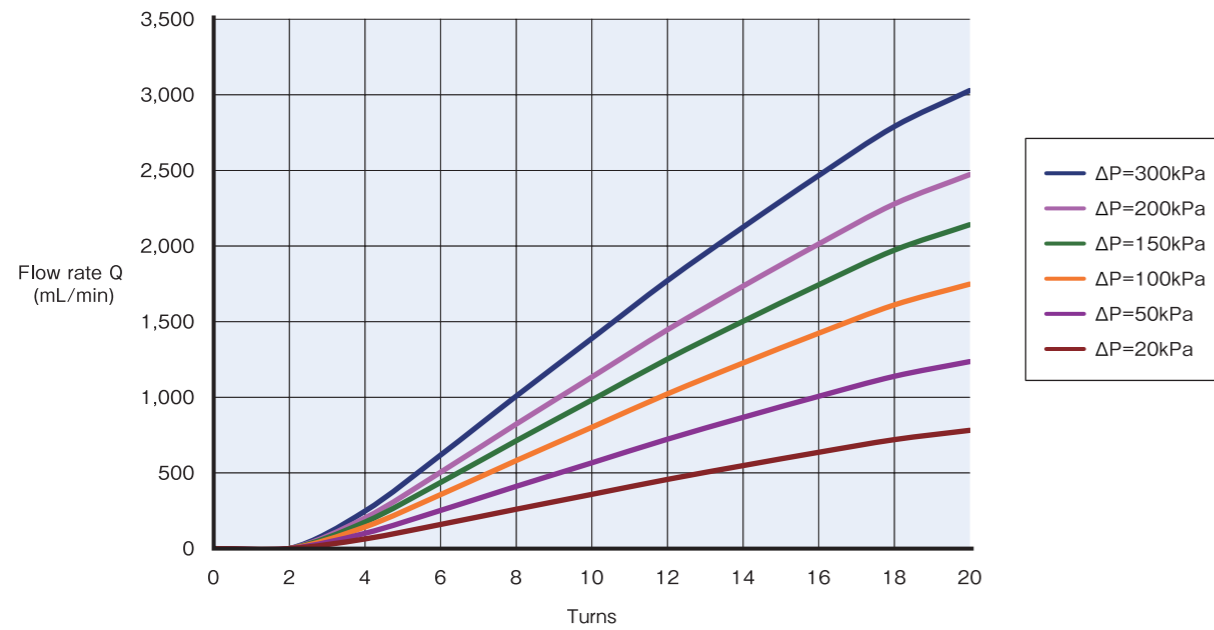


(unit : mm)

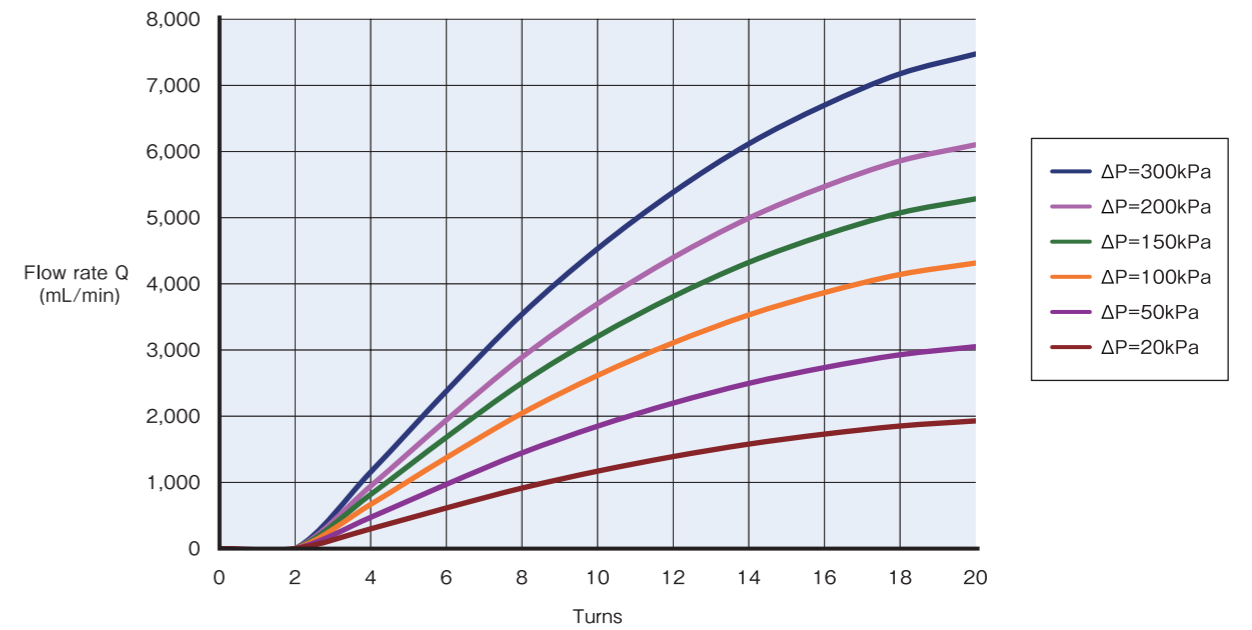
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Applicable Media	DI Water(25°C)
Ambient Temperature	25°C

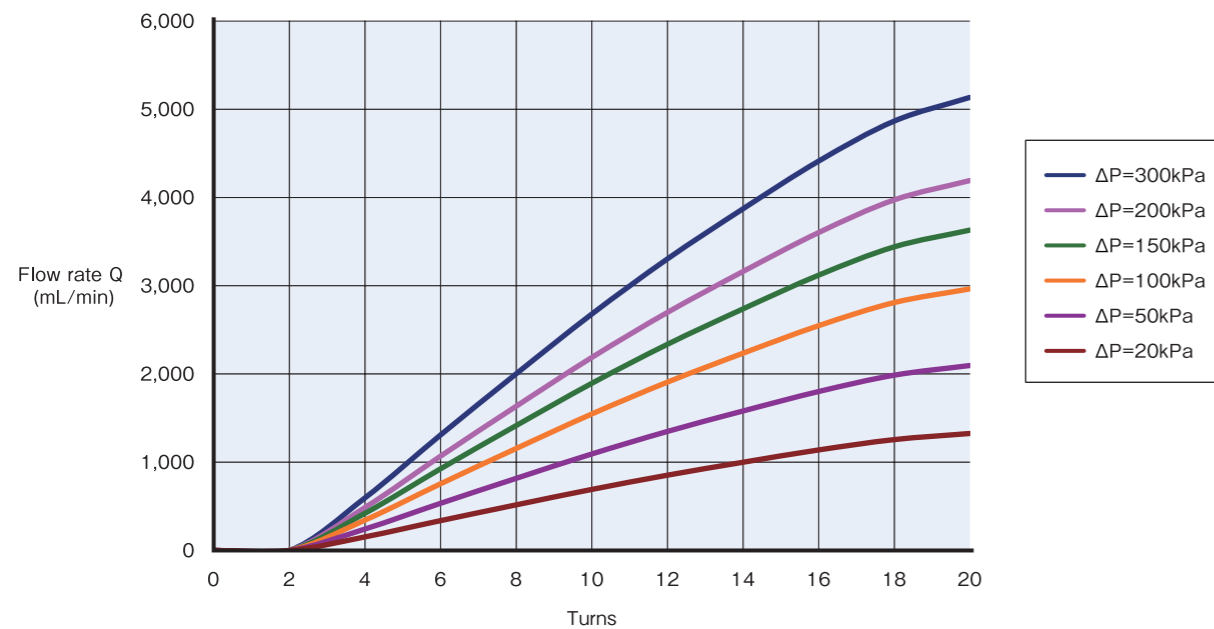
NP370A-3CB-301



NP370A-3CB-303



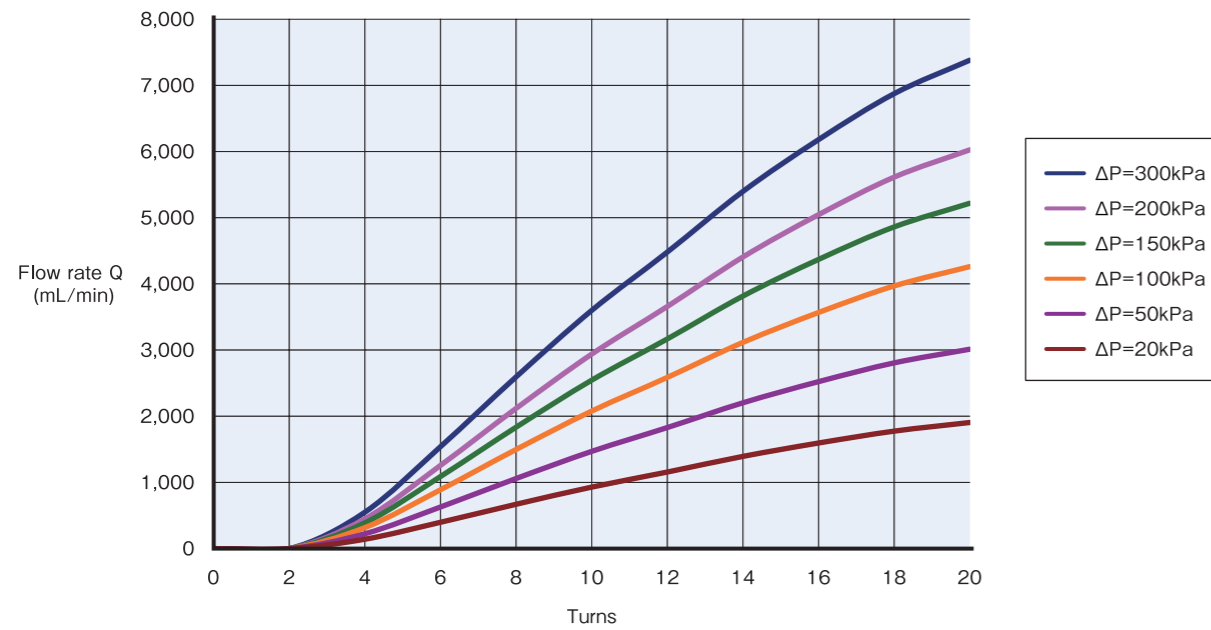
NP370A-3CB-302



NP370A-3CB-* (Flow Characteristics-2)

Applicable Media	DI Water (25°C)
Ambient Temperature	25°C

NP370A-3CB-401



Applicable Media	DI Water (25°C)
Ambient Temperature	25°C

NP370A-3CB-402

