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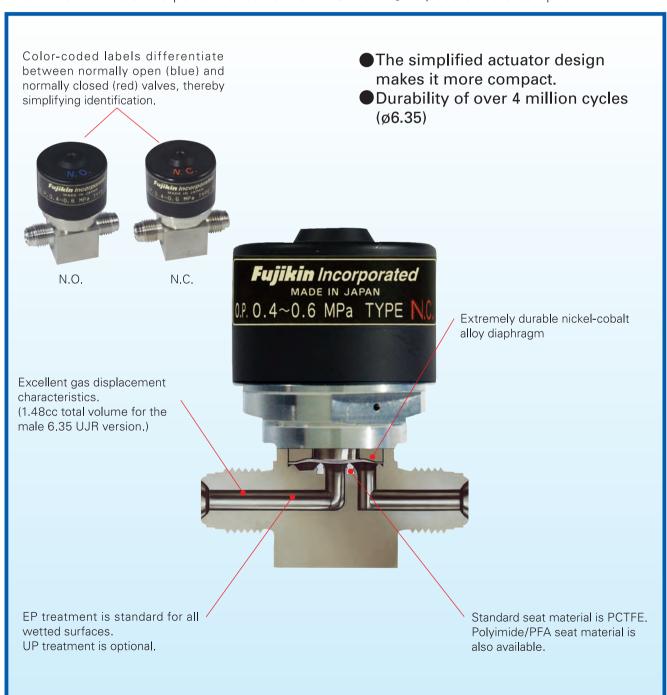
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NEW MEGA-ONE® LA

New Low-pressure Pneumatically-actuated Valves

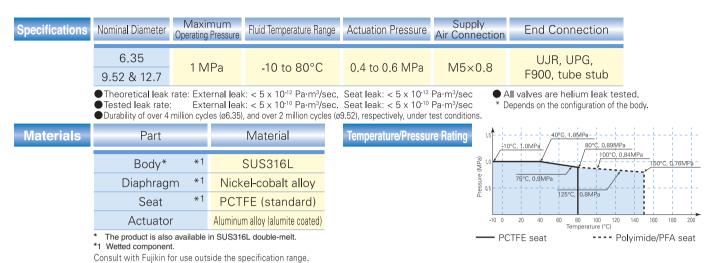
The NEW MEGA-ONE® LA is a pneumatically-actuated diaphragm valve for ultra-pure, flammable, or toxic fluid lines for all types of semiconductor equipment and facilities. The direct diaphragm construction makes the NEW MEGA-ONE® LA an industry standard valve with superior sealing performance, remarkable durability and compactness, and particle- and dead-space-free performance.

This valve has the same performance as the MEGA-ONE® LA, but is more compact.



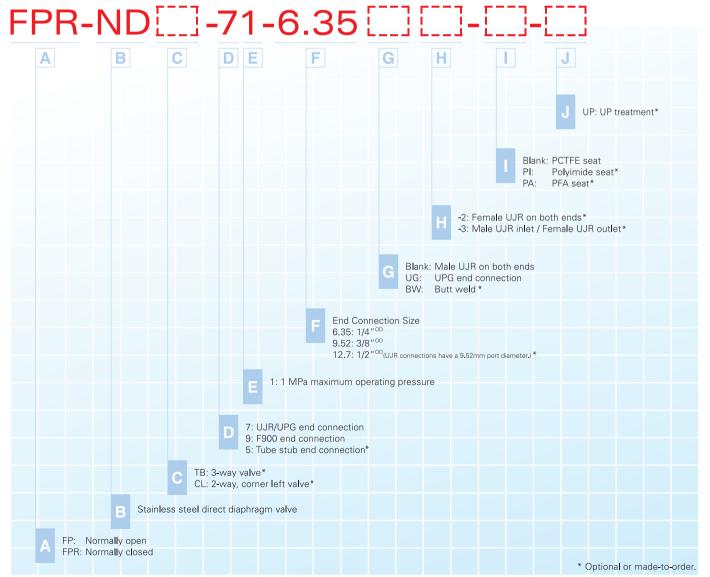


Specifications and Materials



Part Number Designation

Please use the part number designations below when placing an order.



Actual shipped items may have additional designations (such as #A, #B) in the part number. These indicate production history and do not indicate a change in function or dimensions.

Dimensions

Figure 1

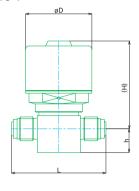


Figure 2

(L3)

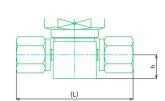
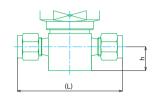


Figure 3



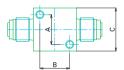


Figure 4

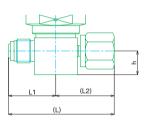


Figure 5

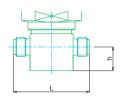
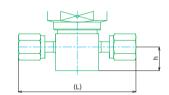


Figure 6



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Part number	Figure	L	L1	L2	L3	h	Н	D	Α	В	С	Max. Cv value*1
FP(R)-ND-71-6.35	1	57				14.3	53	40	18	18	26	0.3
FP(R)-ND-71-6.35-2	2	70.6				14.3	53	40	18	18	26	0.25
FP(R)-ND-71-9.52	1	76.2				11.1	67.5	55	20.2	20.2	35	0.65
FP(R)-ND-71-9.52-2	2	83				12.7	67.5	55	20.2	20.2	35	0.65
FP(R)-NDTB-71-6.35 *2	4	65.7	31	34.7	38.1	14.3	54	40	18	18	26	0.25
FP(R)-NDTB-71-9.52 *2	4	79.2	37.7	41.5	43.1	12.7	67.5	55	20.2	20.2	35	0.65
FP(R)-NDTB-71-9.52×6.35 *2	4	69.9	31.8	38.1	38.1	12.7	57.5	40	18	18	26	0.25
FP(R)-ND-91-6.35	3	62				14.3	53	40	18	18	26	0.3
FP(R)-ND-91-9.52	3	80				12.7	67.5	55	20.2	20.2	35	0.65
FP(R)-ND-91-12.7	3	86				12.7	67.5	55	20.2	20.2	35	0.65
FP(R)-ND-71-6.35UG	5	46				14.3	53	40	18	18	26	0.3
FP(R)-ND-71-6.35UG-2	6	71				14.3	53	40	18	18	26	0.25
FP(R)-ND-71-9.52UG	5	57				11.1	67.5	55	20.2	20.2	35	0.65
FP(R)-ND-71-9.52UG-2	6	86				12.7	67.5	55	20.2	20.2	35	0.65
FP(R)-ND-71-12.7UG	5	61				11.1	67.5	55	20.2	20.2	35	0.65
FP(R)-ND-71-12.7UG-2	6	92				12.7	67.5	55	20.2	20.2	35	0.65

^{*1} At 20°C, with nitrogen gas *2 Made-to-order product. For shorter lead times, we recommend selecting the coupling type.



OPTIONS

Block Valve

FBNDV-6.35-2B3-DGO-UP

Block valve design allows for:

- Compact tubing arrangement
- Dead-space-free configuration

In addition to our standard 2-actuator, 3-port block, we also offer custom block valves according to customers' specifications.





FPR-ND-51-6.35BW-AWE

Other

When using tube stub for the end connection, production is possible for any tube length.

Proximity Sensor

FPR-UDDF-71RS2-9.52-NL#A

An electrical signal confirms the open or closed position of the valve. (MEGA Series)





FPR-UDDF-71LS-6.35-NL#A

Limit Switch

An electrical signal confirms the open or closed position of the valve.
(MEGA Series)

IGS Valves

FPR-UDDFA-21-6.35UGF-APD #B

MEGA Series valves are available for surface-mount Integrated Gas Systems. (MEGA Series)

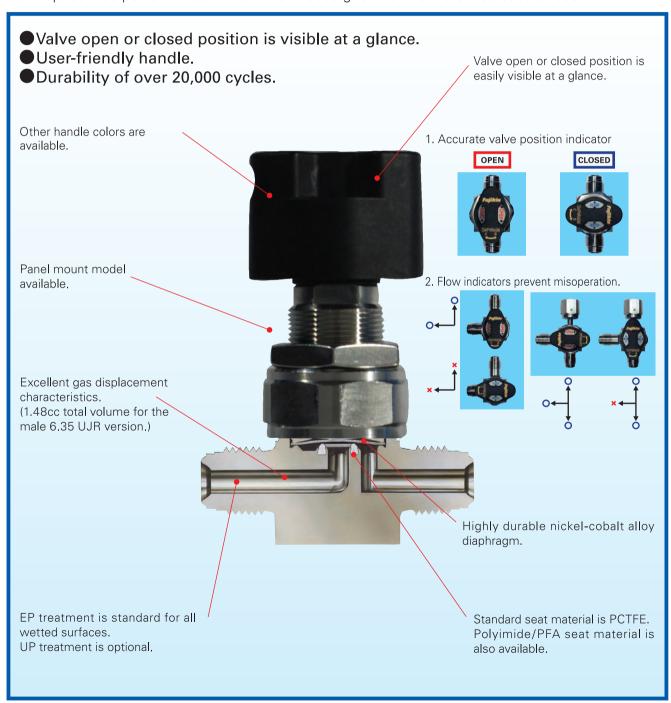


NEW MEGA-ONE® LS

New Low-pressure Switching Manual Valves

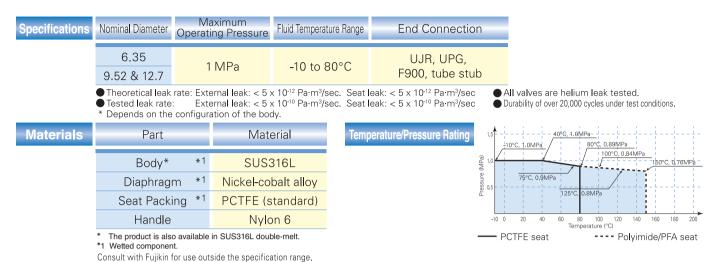
The NEW MEGA-ONE® LS is a quarter turn diaphragm valve for ultra-pure, flammable, or toxic fluid lines in semiconductor manufacturing equipment and facilities.

Unique features include an internal spring that assures uniform sealing performance and a direct diaphragm construction that makes the NEW MEGA-ONE® LS an industry standard valve with superior sealing performance, remarkable durability, compactness, and particle- and dead-space-free performance. This valve's redesigned handle increases ease of use.



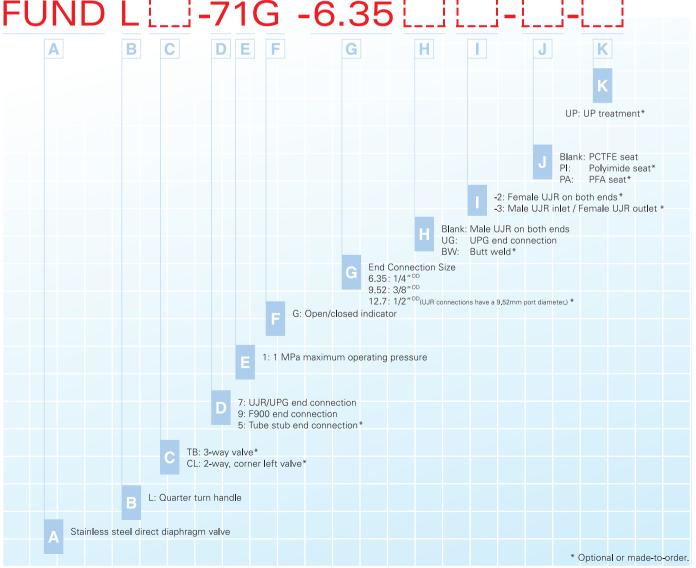


Specifications and Materials



Part Number Designation

Please use the part number designations below when placing an order.



Actual shipped items may have additional designations (such as #A, #B) in the part number. These indicate production history and do not indicate a change in function or dimensions.

Dimensions

Figure 1

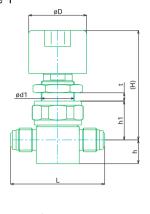


Figure 2

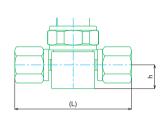
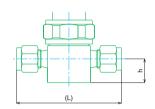


Figure 3



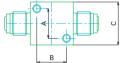


Figure 4

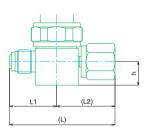


Figure 5

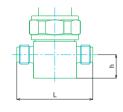
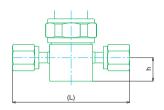


Figure 6



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Part number	Figure	L	L1	L2	L3	h	Н	h1	d1	t	D	Α	В	С	Max. Cv value*1
FUNDL-71G-6.35	1	57				14.3	66.3	23.5	20.5	7	35	18	18	26	0.3
FUNDL-71G-6.35-2	2	70.6				14.3	66.3	23.5	20.5	7	35	18	18	26	0.25
FUNDL-71G-9.52	1	76.2				11.1	85.3	31.5	24.5	10	46	20.2	20.2	35	0.65
FUNDL-71G-9.52-2	2	83				12.7	85.3	31.5	24.5	10	46	20.2	20.2	35	0.65
FUNDLTB-71G-6.35 *2	4	65.7	31	34.7	38.1	14.3	67.3	24.5	20.5	7	35	18	18	26	0.25
FUNDLTB-71G-9.52 *2	4	79.2	37.7	41.5	43.1	12.7	87.5	31.5	24.5	10	46	20.2	20.2	35	0.65
FUNDLTB-71G-9.52×6.35 *2	4	69.9	31.8	38.1	38.1	12.7	70.8	28	20.5	7	35	18	18	26	0.25
FUNDL-91G-6.35	3	62				14.3	66.3	23.5	20.5	7	35	18	18	26	0.3
FUNDL-91G-9.52	3	80				12.7	85.3	31.5	24.5	10	46	20.2	20.2	35	0.65
FUNDL-91G-12.7	3	86				12.7	85.3	31.5	24.5	10	46	20.2	20.2	35	0.65
FUNDL-71G-6.35UG	5	46				14.3	66.3	23.5	20.5	7	35	18	18	26	0.3
FUNDL-71G-6.35UG-2	6	71				14.3	66.3	23.5	20.5	7	35	18	18	26	0.25
FUNDL-71G-9.52UG	5	57				11.1	85.3	31.5	24.5	10	46	20.2	20.2	35	0.65
FUNDL-71G-9.52UG-2	6	86				12.7	85.3	31.5	24.5	10	46	20.2	20.2	35	0.65

^{*1} At 20°C, with nitrogen gas
*2 Made-to-order product. For shorter lead times, we recommend selecting the coupling type.



OPTIONS

Handle Colors GT(HANDLE)FUNDL-6.35-*

A letter in place of "*" indicates handle color: Blue=B, Green=G, Yellow=Y, and Red=R









Block Valve

FBNDV-6.35-0B3-2SD-***-UP

Block valve design allows for:

- Compact tubing arrangement
- Dead-space-free configuration

In addition to our standard 2-actuator, 3-port block, we also offer custom block valves according to customers' specifications.



Toggle Valve

FUNSDBCK-21G-6.35UGC

The handle for this valve can be toggled with a single touch. This option is ideal for valves that are opened and closed frequently.



Integrated Lock-out / Tag-out (LOTO) Valve FUNDL-21GT-6.35UGF

This option may be selected as a safety precaution. This valve incorporates an open/close indicator into the LOTO device.



FUDDFL-21-6.35UGF-APD

IGS Valves

MEGA Series valves are available for surface-mount Integrated Gas Systems. (MEGA Series)

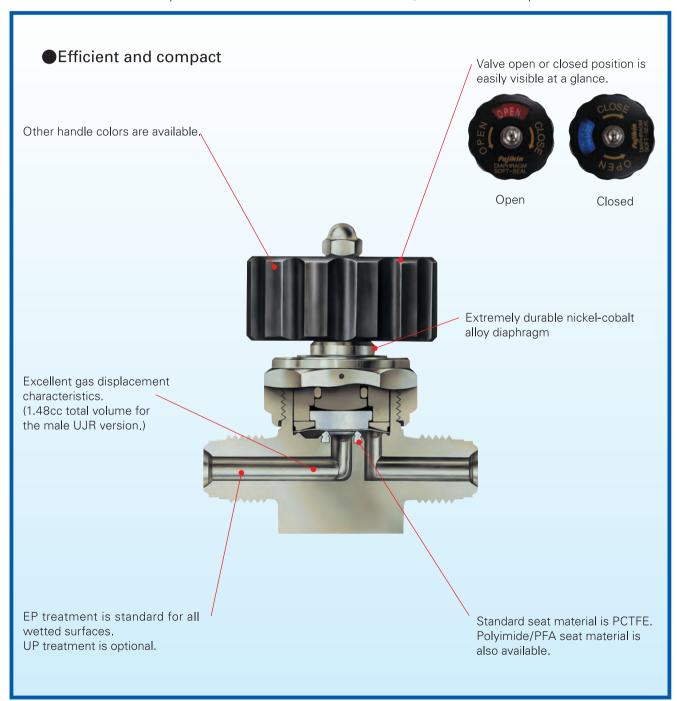
NEW MEGA-ONE® LM

New Low-pressure Manual Valve

The NEW MEGA-ONE_® LM offers manual operation for ultra-pure, flammable, or toxic fluid lines in semiconductor manufacturing equipment and facilities.

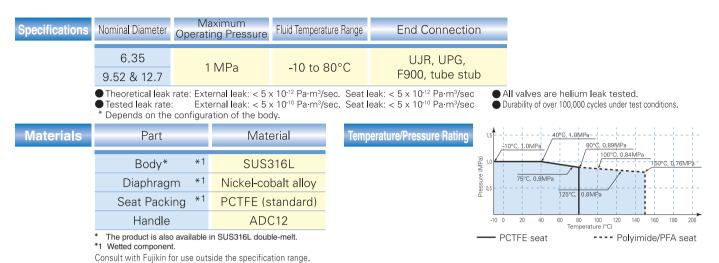
Direct diaphragm construction makes the NEW MEGA-ONE® LM an industry standard valve with superior sealing performance, remarkable durability, compactness, and particle- and dead-space-free performance.

This valve has the same performance as the MEGA-ONE® LM, but is more compact.



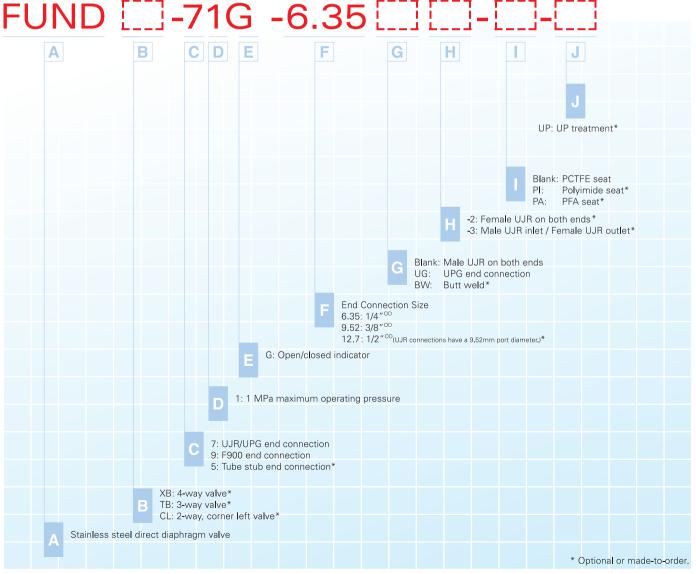


Specifications and Materials



Part Number Designation

Please use the part number designations below when placing an order.



Actual shipped items may have additional designations (such as #A, #B) in the part number. These indicate production history and do not indicate a change in function or dimensions.

Dimensions

Figure 1

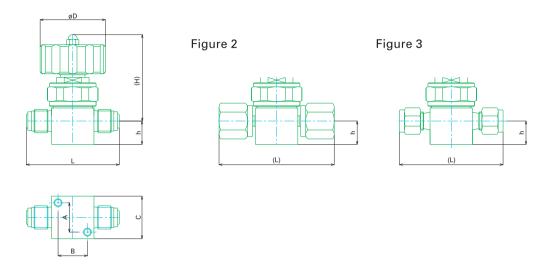


Figure 5 Figure 6 Figure 4 (L) (L3) (L)

										(Units	s: mm))
Part number	Figure	L	L1	L2	L3	h	Н	D	Α	В	С	Max. Cv value*1
FUND-71G-6.35	1	57				14.3	53	40	18	18	26	0.3
FUND-71G-6.35-2	2	70.6				14.3	53	40	18	18	26	0.25
FUND-71G-9.52	1	76.2				11.1	60.8	40	20.2	20.2	35	0.65
FUND-71G-9.52-2	2	83				12.7	60.8	40	20.2	20.2	35	0.65
FUNDTB-71G-6.35*2	4	65.7	31	34.7	38.1	14.3	54	40	18	18	26	0.25
FUNDTB-71G-9.52*2	4	79.2	37.7	41.5	43.1	12.7	60.8	40	20.2	20.2	35	0.65
FUNDTB-71G-9.52×6.35*2	4	69.9	31.8	38.1	38.1	12.7	57.5	40	18	18	26	0.25
FUND-91G-6.35	3	62				14.3	53	40	18	18	26	0.3
FUND-91G-9.52	3	80				12.7	60.8	40	20.2	20.2	35	0.65
FUND-91G-12.7	3	86				12.7	60.8	40	20.2	20.2	35	0.65
FUND-71G-6.35UG	5	46				14.3	53	40	18	18	26	0.3
FUND-71G-6.35UG-2	6	71				14.3	53	40	18	18	26	0.25
FUND-71G-9.52UG	5	57				11.1	60.8	40	20.2	20.2	35	0.65
FUND-71G-9.52UG-2	6	86				12.7	60.8	40	20.2	20.2	35	0.65
FUND-71G-12.7UG	5	61				11.1	60.8	40	20.2	20.2	35	0.7
FUND-71G-12.7UG-2	6	92				12.7	60.8	40	20.2	20.2	35	0.65

^{*1} At 20°C, with nitrogen gas
*2 Made-to-order product. For shorter lead times, we recommend selecting the coupling type.



OPTIONS

Handle Colors GT(HANDLE)FUND-6.35-*

A letter in place of "*" indicates handle color: Blue=B, Green=G, Yellow=Y, and Red=R









FBNDL-6.35-0B3-2P-CJL-UP

Block Valve



Block valve design allows for:

- Compact tubing arrangement
- Dead-space-free configuration.

In addition to our standard 2-actuator, 3-port block, we also offer custom block valves according to customers' specifications.

3-Port Distribution Valve FUNDTB-51G-12.7×9.52JR-FHZ

Used for facility bulk gas lines, and can support all line sizes.



FUND-51G-6.35BW-AWE

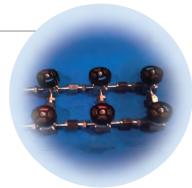
Other

If tube stub end connection are used as connection fittings, part can be fabricated in any tube length.



Combination 3-way Corner Valve

Compared to the conventional block valve, the combination 3-way corner valve offers a shorter delivery time and reduced cost.



The photos on this page depict examples of each product type.

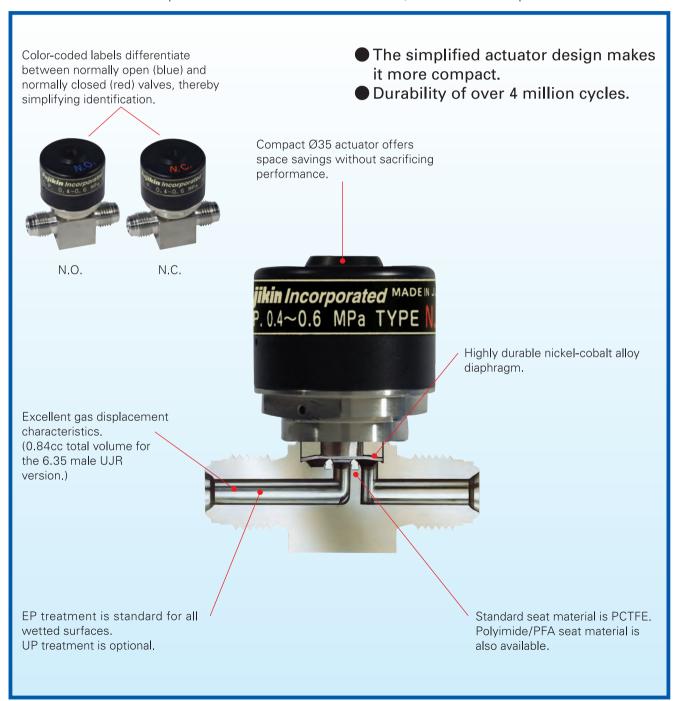
NEW MEGA-MINI LA

New Compact Low-pressure Pneumatically-actuated Valve

The NEW MEGA-MINI LA offers pneumatic operation for ultra-pure, flammable, or toxic fluid lines in semiconductor manufacturing equipment and facilities.

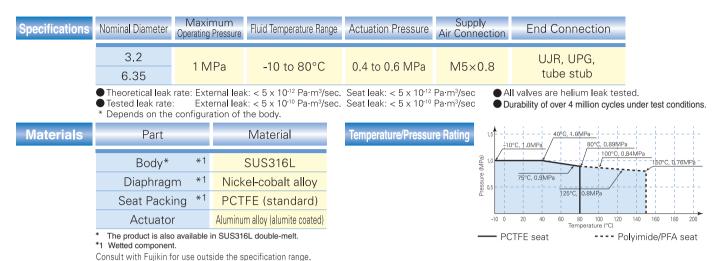
Direct diaphragm construction makes the NEW MEGA-MINI LA an industry standard valve with superior sealing performance, remarkable durability, compactness, and particle- and dead-space-free performance.

This valve has the same performance as the MEGA-MINI LA, but is more compact.



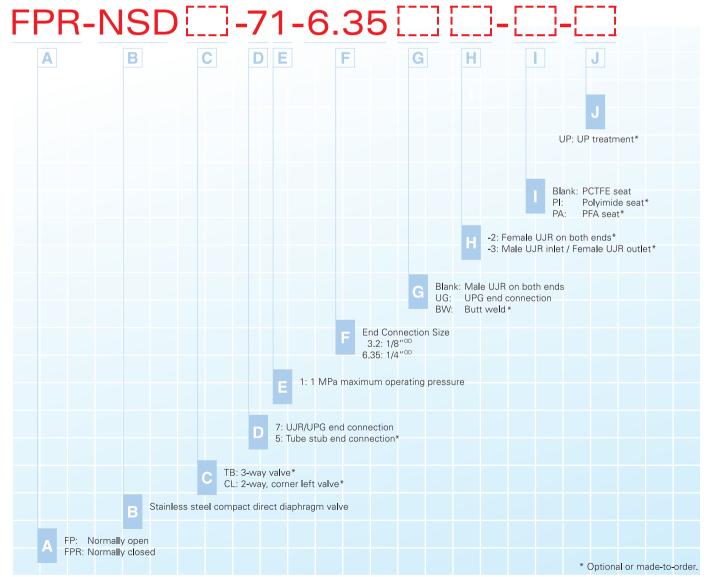


Specifications and Materials



Part Number Designation

Please use the part number designations below when placing an order.



Actual shipped items may have additional designations (such as #A, #B) in the part number. These indicate production history and do not indicate a change in function or dimensions.

Dimensions

Figure 1

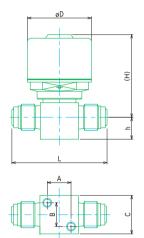


Figure 2

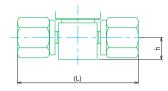


Figure 3

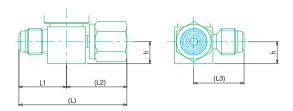


Figure 4

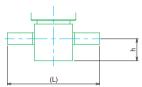


Figure 5

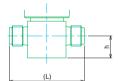
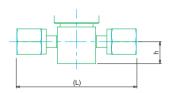


Figure 6



										(Unit	s: mm))
Part number	Figure	L	L1	L2	L3	h	Н	D	Α	В	С	Max. Cv value*1
FP(R)-NSD-71-6.35	1	52				12	45.2	35	13	13	21	0.1
FP(R)-NSD-71-6.35-2	2	66				12	45.2	35	13	13	21	0.1
FP(R)-NSDTB-71-6.35*2	3	59	26	33	27.5	12	45.2	35	13	13	21	0.1
FP(R)-NSD-51-6.35BW-AWE	4	51				12	45.2	35	13	13	21	0.1
FP(R)-NSD-71-6.35UG	5	41				12	45.2	35	13	13	21	0.1
FP(R)-NSD-71-6.35UG-2	6	66				12	45.2	35	13	13	21	0.1
FP(R)-NSD-71-3.2UG	5	41				12	45.2	35	13	13	21	0.05
FP(R)-NSD-71-3.2UG-2	6	67				12	45.2	35	13	13	21	0.05

^{*1} At 20°C, with nitrogen gas
*2 Made-to-order product. For shorter lead times, we recommend selecting the coupling type.



OPTIONS

1/8" UPG Automatic Valve FPR-NSD-71-3.2UG

Ideal for low-volume lines. Dead-space-free 1/8" UPG end connection.



FBNSDW-3.2UG-1B3-OOO

1/8" UPG Block Valve

Block valve design allows for:

- Compact tubing arrangement
- Dead-space-free configuration.

In addition to our standard 2-actuator, 3-port block, we also offer custom block valves according to customers' specifications.

Proximity Sensor

FPR-SD-71RS2-6.35 #A

An electrical signal confirms the open or closed position of the valve.

The non-contact proximity sensor offers unsurpassed safety.

(MEGA Series)





FPR-SD-71LS-6.35 #A

Limit Switch

An electrical signal confirms the open or closed position of the valve. (MEGA Series)

IGS Valves

FPR-SDA-21-6.35UGF-APD #B

MEGA Series valves are available for surface-mount Integrated Gas Systems. (MEGA Series)



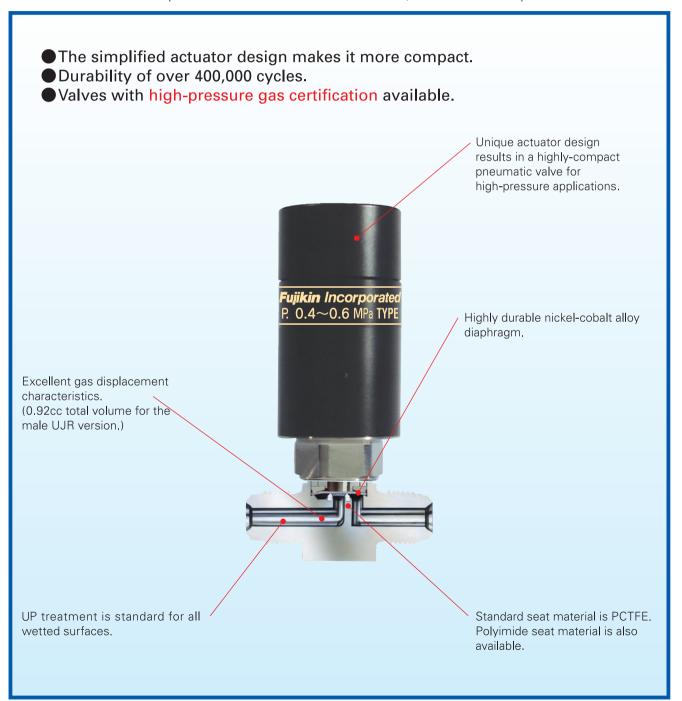
NEW MEGA-MINI HA

New Compact High-pressure Pneumatically-actuated Valve

The NEW MEGA-MINI HA offers pneumatic operation for ultra-pure, flammable, or toxic fluid lines in semiconductor manufacturing equipment and facilities.

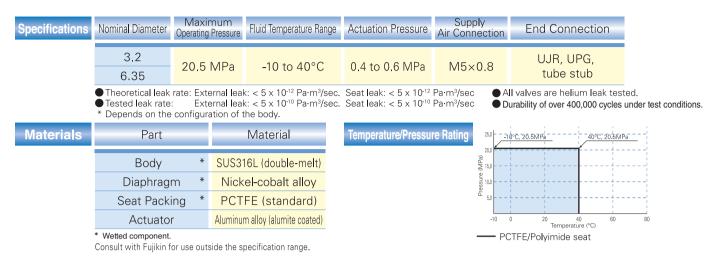
Direct diaphragm construction makes the NEW MEGA-MINI HA an industry standard valve with superior sealing performance, remarkable durability, compactness, and particle- and dead-space-free performance.

This valve has the same performance as the MEGA-MINI HA, but is more compact.



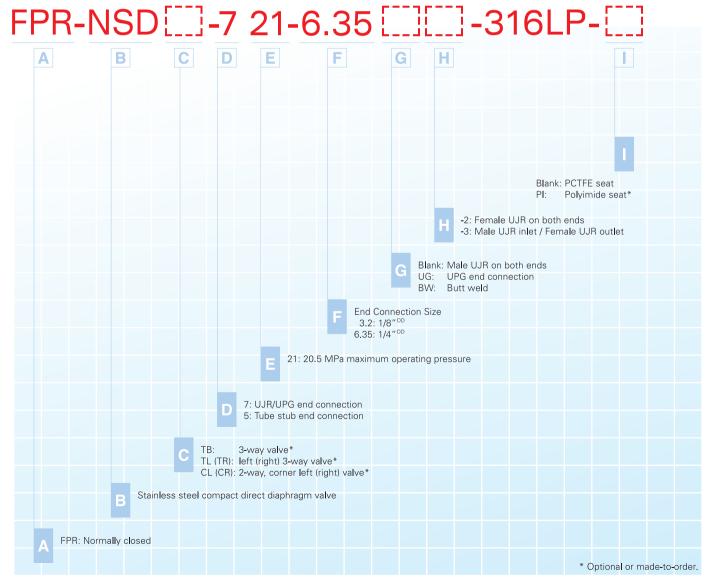


Specifications and Materials



Part Number Designation

Please use the part number designations below when placing an order.



Actual shipped items may have additional designations (such as #A, #B) in the part number. These indicate production history and do not indicate a change in function or dimensions.

Dimensions

Figure 2
Figure 3
Figure 4
Figure 5
Figure 6

Part number	Figure	L	L1	L2	h	Н	D	Α	В	С	Max. Cv value*
FPR-NSD-721-6.35-316LP	1	52	-	-	11.1	87.1	34	13	13	21	0.1
FPR-NSD-721-6.35-2-316LP	2	71.6	-	-	11.1	87.1	34	13	13	21	0.1
FPR-NSDTB-721-6.35-2-316LP	3	71.6	35.8	35.8	11.1	87.1	34	13	13	21	0.1
FPR-NSD-521-6.35BW-316LP-AWE	4	51	-	-	11.1	87.1	34	13	13	21	0.1
FPR-NSD-721-6.35UG	5	41	-	-	11.1	87.1	34	13	13	21	0.1
FPR-NSD-721-6.35UG-2	6	66	-	-	11.1	87.1	34	13	13	21	0.1
FPR-NSD-721-3.2UG	5	41	-	-	11.1	87.1	34	13	13	21	0.05
FPR-NSD-721-3.2UG-2	6	67	-	-	11.1	87.1	34	13	13	21	0.05

^{*} At 20°C, with nitrogen gas

See Figure 1 for dimension keys not shown in other figures.

(Units: mm)

OPTIONS

High-pressure Gas Certification

Safety is assured for special high-pressure and toxic gas lines. This valve is tested and approved by the Japanese government agency that regulates high-pressure applications. The valve couplings (N-II) can also be certified and approved in the same manner.

Specific customer specifications may also be accommodated.

Use the order specification for recognized high-pressure gas products on page 33 to place orders.



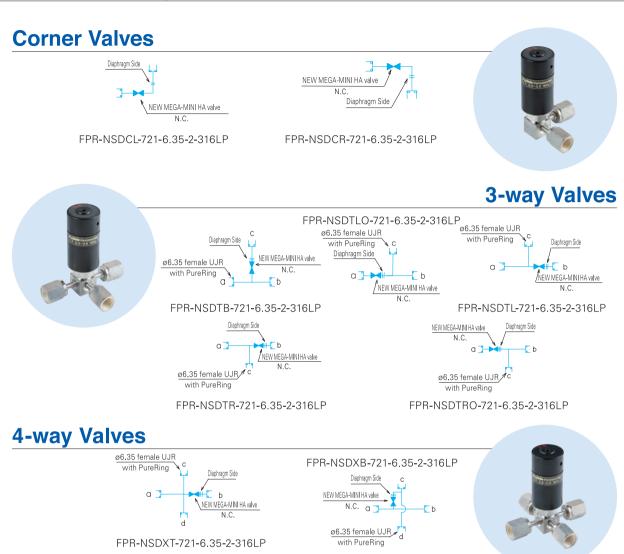


The photos on this page depict examples of each product type.

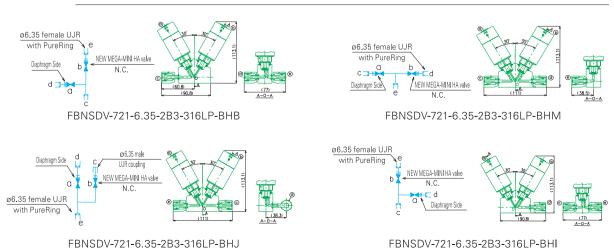


Standard Configurations

* Flow Diagrams (top view)



Block Valves



^{*} A variety of configurations are possible. Please contact Fujikin for more information.

NEW MEGA-MINI HM

New Compact High-pressure Manual Valve

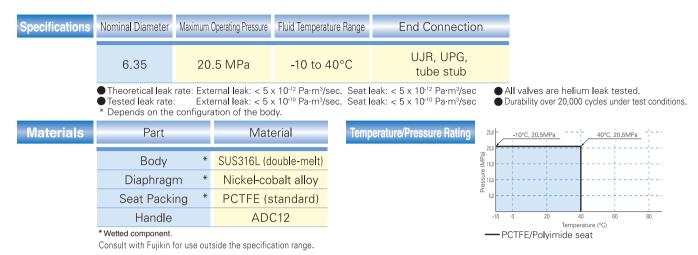
The NEW MEGA-MINI HM is a manual operation diaphragm valve for ultra-pure, flammable, or toxic fluid lines in semiconductor manufacturing equipment and facilities.

Direct diaphragm construction makes the NEW MEGA-MINI HM an industry standard valve with superior sealing performance, remarkable durability, compactness, and particle- and dead-space-free performance.



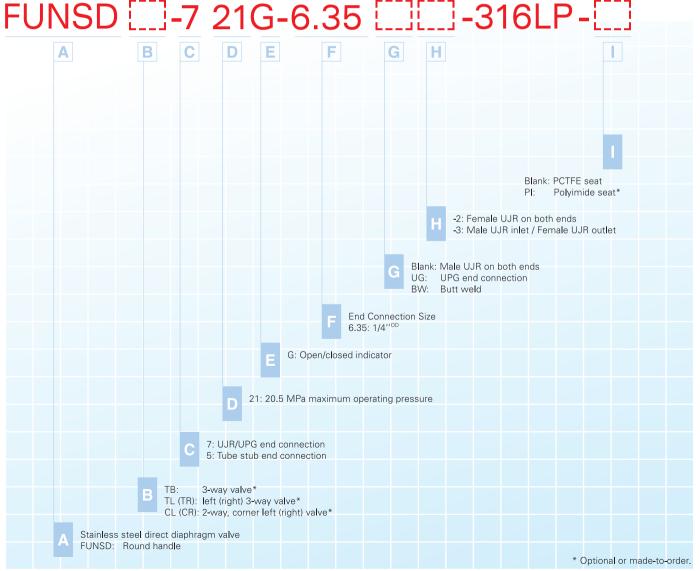


Specifications and Materials



Part Number Designation

Please use the part number designations below when placing an order.



Actual shipped items may have additional designations (such as #A, #B) in the part number. These indicate production history and do not indicate a change in function or dimensions.

Dimensions

Figure 1

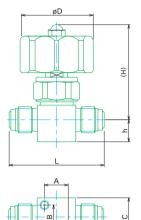


Figure 2

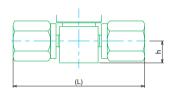


Figure 3

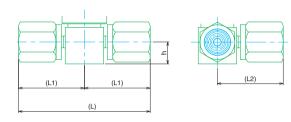


Figure 4

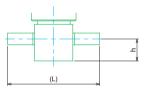


Figure 5

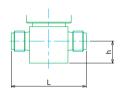
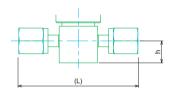


Figure 6



(U	nits:	mm)

Part number	Figure	L	L1	L2	h	Н	D	А	В	С	Max. Cv value*
FUNSD-721G-6.35-316LP #A	1	52	-	-	11.1	52.3	40	13	13	21	0.1
FUNSD-721G-6.35-2-316LP #A	2	71.6	-	-	11.1	52.3	40	13	13	21	0.1
FUNSDTB-721G-6.35-2-316LP #A	3	71.6	35.8	35.8	11.1	52.3	40	13	13	21	0.1
FUNSD-521G-6.35BW-316LP-AWE #A	4	51	-	-	11.1	52.3	40	13	13	21	0.1
FUNSD-721G-6.35UG #A	5	41	-	-	11.1	52.3	40	13	13	21	0.1
FUNSD-721G-6.35UG-2 #A	6	66	-	-	11.1	52.3	40	13	13	21	0.1

^{*} At 20°C, with nitrogen gas

See Figure 1 for dimension keys not shown in other figures.

OPTIONS

High-pressure Gas Certification

Safety is assured for special high-pressure and toxic gas lines. This valve is tested and approved by the Japanese government agency that regulates high-pressure applications. The valve couplings (N-II) can also be certified and approved in the same manner.

Specific customer specifications may also be accommodated.

Use the order specification for recognized high-pressure gas products on page 33 to place orders.



The photos on this page depict examples of each product type.



NEW MEGA-MINI HM

Standard Configurations

* Flow Diagrams (top view)





FUNSDCL-721G-6.35-2-316LP #A



FUNSDCR-721G-6.35-2-316LP #A

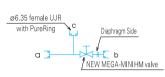


3-way Valves

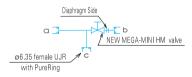




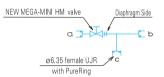
FUNSDTB-721G-6.35-2-316LP #A



FUNSDTL-721G-6.35-2-316LP #A

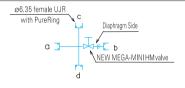


FUNSDTR-721G-6.35-2-316LP #A



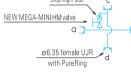
FUNSDTRO-721G-6.35-2-316LP #A

4-way Valves



FUNSDXT-721G-6.35-2-316LP #A

FUNSDXB-721G-6.35-2-316LP #A





^{*} A variety of configurations are possible. Please contact Fujikin for more information.

Additional Information

Inner Surface Treatment

ULTRA EXTREME PURE (UP treatment), a special inner surface treatment

UP-treated products feature an exceptionally pure metallic surface created by a special polishing technology that removes machining-altered and work-hardened layers and forms a uniform, passive film. The surface roughness satisfies Ra 0.1 µm or less. Final cleaning is performed in a Class 1 cleanroom to ensure complete removal of particles and impurities for an extremely clean product.

UP treatment can also be used with highly corrosion-resistant materials such as Hastelloy.

UP treatment is standard for the MEGA®-MINI and MEGA®-M series and available as an option for the MEGA®-ONE and NEW MEGA® series

Seat Material

1. PCTFE (Polychlorotrifluoroethylene)

Standard seat material in the MEGA-ONE®, MEGA-MINI and NEW MEGA Series products.

2. PI (Polyimide) and PA (PFA)

A recommended option for non-standard temperatures and fluids.

Permeation Leak across the Seat

Soft-sealing valves with resin seats may experience permeation leak, whereby gas diffuses through the resin. The degree to which leakage occurs varies according to factors such as the type of gas used, the fluid pressure, and the type of resin in the seat. Monitor accordingly. For more information, please contact Fujikin.

Body and Diaphragm Material

Hastelloy_®

For services that require exceptional corrosion resistance, Hastelloy C-22 may be specified as an optional material for valve bodies and diaphragms. (Please refer to the table on p.28.)

Proximity Sensors and Limit Switches

When verification of open or closed position is required on pneumatically-actuated valves, proximity sensors or limit switches that output an electrical signal to an external unit are optionally available. Valves with a limit switch may be substituted for proximity sensor valves. (Please refer to the table on p.28.)

Handle Colors

Handles may be specified in a wide variety of optional colors.



NEW MEGA SERIES COMPARISON TABLE

	_	NE	W MEGA-O	NE®	NE	W MEGA-N	IINI
		LA	LS	LM	LA	НА	НМ
e Type	High Pressure					•	•
Pressure Type	High Pressure (Japan Certification)					A	A
ter	3.2				•	A	A
Diame	6.35	•	•	•	•	•	•
Nominal Diameter	9.52	•	•	•			
Š	12.7	*	*	*			
n	UJR	•	•	•	•	•	•
Connection	UPG	•	•	•	•	•	•
conne	F900	•	•	•			
	Tube Stub	A	A	A	A	A	A
Inner Surface Treatment	EP	•	•	•	•		
	UP	A	A	A	A	•	•
erial	SUS316L	•	•	•	•		
y Mat	SUS316L (Double-melt)	A	A	A	A	•	•
Bod	Hastelloy⊚	A	A	A	A	A	A
Material Diaphragm Material Body Material	Nickel-cobalt Alloy	•	•	•	•	•	•
Diaphragr	Hastelloy⊛	A	A	A	_	_	_
erial	PCTFE	•	•	•	•	•	•
Mat	PI	A	A	A	A	A	A
Seat	PA	A	A	A	A		
	Proximity Sensor		A				
Other	Limit Switch						
J	Handle Color		A	A			A

: Standard feature

▲: Optional

* : Standard only when F900 is selected as the end connection.

Part Number Designation

The part number varies according to valve configuration, flow direction, and end connections.

2-way Valves

Example: FPR-ND-71-6.35[A]

А	Configuration (top view)	Flow Diagram (top view)		
No Designation		E-ÞXH∃		
-2	10-			
-3				
-4		→		





Corner Valves

Example: FPR-NDCL-71-6.35 [A]

А	Configuration (top view)	Flow Diagram (top view)		
No Designation		<u>∓</u> ⊟Ø		
-2		Ų V+C		
-3		________________\		
-4	70			

Example: FPR-NDCR-71-6.35 [A]



А	Configuration (top view)	Flow Diagram (top view)		
No Designation				
-2				
-3				
-4		→		



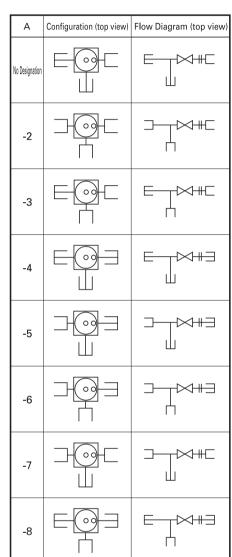
Part Number Designation

The part number varies according to valve configuration, flow direction, and end connections.

3-way Valves

Example: FPR-NSDTB-71-6.35 A Example: FPR-NSDTR-71-6.35 A Example: FPR-NSDTL-71-6.35 A Example: FPR-NSDTL-71-6.35

А	Configuration (top view)	Flow Diagram (top view)
No Designation		T X
-2		¥ 2 2
-3		¥ X E———————————————————————————————————
-4		¥ X E———————————————————————————————————
-5		
-6		E T C
-7		
-8		



А	Configuration (top view)	Flow Diagram (top view)		
No Designation				
-2	H			
-3	Ų E⊕E	<u> </u>		
-4		<u> </u>		
-5				
-6	<u> </u>	→ → → + =		
-7				
-8	H H	<u> </u>		



Example: FPR-NSDTRO-71-6.35 A Example: FPR-NSDTLO-71-6.35 A Example: FPR-NSDTLO-71-6.35

А	Cartinuation (tan view)	Flanc Diagnage (tag crises)
	Configuration (top view)	Flow Diagram (top view)
No Designation		
-2		→ >
-3		
-4		
-5		→ ₩ <u></u>
-6		
-7		→ ₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩
-8		

Α	Configuration (top view)	Flow Diagram (top view)
No Designation		
-2		→→
-3		
-4		
-5		
-6		
-7		
-8		 E⋈#=3

Valves with High-pressure Gas Certification Specifications

Please confirm the latest version of the quality control execution plan (for high-pressure gas certification).

Name (Type)		Globe ' W-ring	Valve, Ball Valv Fitting, Metal (ve, Check Valv Gasket Fitting,	ve, Control Valv Strainer, Other	e, ()	Appending				
Welding			Welded Not Welded				document					
Customer									Code No.			
End User *1									Code No.			
Target System Name *2								To be eligible for inspection the date of testing indicated Personnel for performance inspections. Exercise care v	on the Certificate of A inspections, or within o	authorized Testing one year for safety		
Equip	ment Cat	egory *3 *4	F: Recipro	ocating compress		Fittings, O: Other quipment, M: Tubi	ng, E: Other pres	sure vessel	Delivery Date			
	duct No	umber							Quantity			
Additior Product	Number					Drawing No.			End Connection Size			
		l Pressure perating Pressure)			MPa				Will this be used in Yes (vacuum cond	ditions *3 No Pa)	
		emperature * 5	MIN.	°C	MAX.		lormal	°C	State of High-pressure Gas *3	Gaseous, Liqu	efied, Dissolved	
Sc	Туре с		Toxic, Fla				h-pressure, G		than toxic, flamma	ble, or special	types	
Specifications	m	lon-toxic	Air, Nitro			gen, Carbon di			•			
cific	of Ga		Other (ane Phosphine	Arsine Dibo	rane, Hydrogen	selenide Mo	nogerman	 e. Disilane)	
Spe				a, Carbon mor		· arro, rr, arrogon			5, 2 ionario)	
	Name	Toxic	Chlorine									
	Mate	erial *3	SUS316		SUS304 or	SUS316		SCS14	C360)4B	C3771B	
Othe	er Spec	ial Speci	SUSF310		SUSF304	SUSF31	6L	Other (Valv	e used for toxic gas	(special	*3	
Pr	der No oject N	0.						*1: Er de *2: Er	all items within bold lines.) iter the name of the produc livered via a set/apparatus r ter the name of high-press juipment, etc. rcle the one that applies. lives with threaded fittings t juipment for toxic gases (as bject to identification as one N-II (fittings). If applicable, (or problem dequipment) if within juipment)). e design pressure entere- sting Personnel generally which the unit can be use mperature. This design pr	naker, please include yre gas system or pro- o be used in high-pre- per the General Prov- e of the following cat- circle both N and N-II. In the specification ra- d on the Certificate represents the may ad at the recorded of essure is also listed	e their names also. cocessing essure gas vision,Article 2-2) are egories: N (valves) . (Circle only Z singe of Z (combined of Authorized kimum pressure design d on the Wall	
Sp	ec. No							Th	Thickness Strength Calculation Sheet for reference.			
			ents Sub			nation (Product	s & Document		Comments from Factory Personnel:			
			horized To		Sand dir				Conditions for wall thickness strength calculations Design pressure: MPa			
(2) Test Certificate Copies (3) Instruction Manual (N-II only) Copies						sign temperature: °C	u					
)ther	on man	aar (1 1 11 0	,,	5,5100							
Del Mat Wall	very Sperial ce thickness	_	ons n calculatic ure sheet	Co on sheet Co	opies opies opies opies							
	Seal	of Appro	val	Sales Rep	resentative	Q (D		TDC	Р (C D	



Excellent, Ultimate, Fine, Clean & Safe Technology



Notes:	
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