

FINE series PURE

# Standard series



FUCL-715-6.35

FUBV-915-6.35

FUD-75-9.52

*Safety & Clean Technology*

**Fujikin Incorporated**



# Line Check Valve

Stainless Steel 16.2MPa



## FEATURES

- All wetted surfaces are completely oil-free
- Superior cracking performance
- Compact size and lightweight
- High-pressure certification may be provided

## INSTALLATION CONSIDERATIONS

- In an installation where there is minimal differential pressure - such as in a vacuum line - sealing performance seldom varies.
- For best Check Valve sealing efficiency and performance, back-pressure is required, (which may increase cracking pressure).
- During initial operation, or after Check Valve has been closed for an extended amount of time, cracking pressure may be higher than value indicated on body.
- Cracking pressure indicated on valve body is for constant flow; valve will actually open at a lower pressure than indicated.

## SPECIFICATIONS - MATERIALS

Specification	Nominal Diameter	Maximum Operating Pressure	Fluid Temperature Range	Orifice Diameter (mm)	Max.Cv	Cracking Pressure	Back Pressure	End-connection
	3.2	16.2MPa 2,350 psi	-10~80 °C 14~175 °F	2.7	0.16	2.26KPa 0.33 psi	0.0294MPa or above 4.26 psi or above	F900 Fitting UJR Fitting Threaded Fitting
	6.35 (1/4")			4	0.35	6.86KPa 1 psi	0.0049MPa or above 0.71 psi or above	
	9.52 (3/8")			7.5	1.1	68.6KPa 10 psi	0.0049MPa or above 0.71 psi or above	
	12.7 (1/2")			7.5	1.1	172KPa 25 psi	0.0049MPa or above 0.71 psi or above	

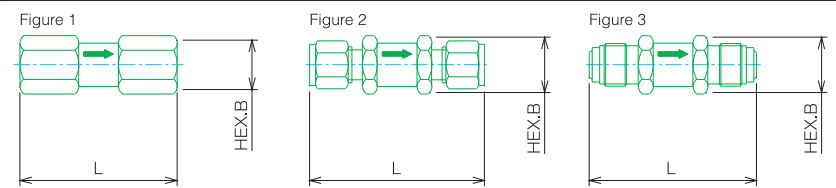
Materials	Part	Material
	Body	SUS316
	Disk	SUS316
	Seat Packing	FPM
	Spring	SUS316WPA
	Gasket	SUS316

## OPTIONS

- Seat packing material may be specified according to gas used.
 

Optional Seat Packing Materials Available
Chloroprene rubber, silicon rubber, ethylene-propylene rubber, Kalrez®, Teflon®
- Surface Treatment: UP Treatment can be applied
- NPT Thread: Rc thread is standard; NPT thread may be made to order.

## DIMENSIONS

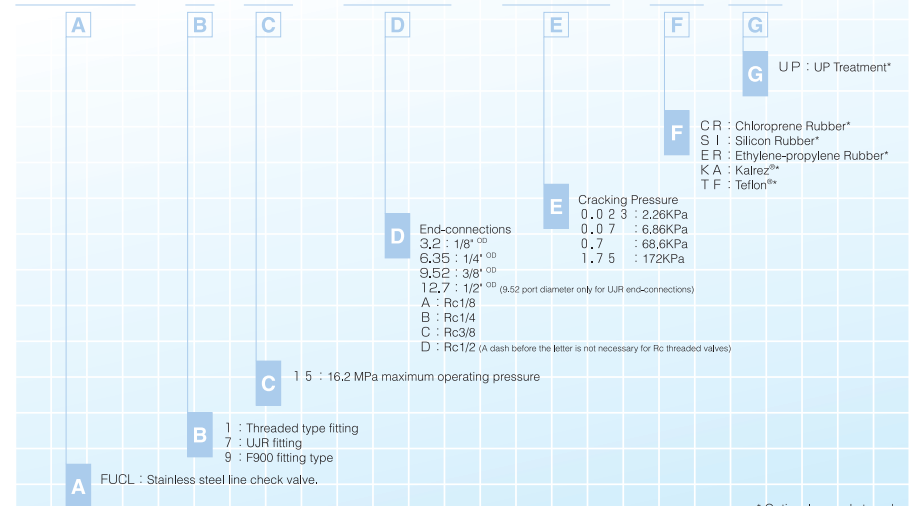


Nominal Diameter	Part Number	Figure	L	HEX.B
1/8"	FUCL-115A	1	43	17
1/4"	FUCL-115B	1	53	17
3/8"	FUCL-115C	1	60	23
1/2"	FUCL-115D	1	59	23
3.2	FUCL-915-3,2	2	55	17
6.35	FUCL-915-6,35	2	59	17
9.52	FUCL-915-9,52	2	70.5	23
12.7	FUCL-915-12,7	2	78.5	23
6.35	FUCL-715-6,35	3	56.4	17
9.52	FUCL-715-9,52	3	69.1	23

## PART NUMBER DESIGNATION

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

FUCL - 9 15 - 6.35 - 0.07 - [ ] - [ ]



\* Optional or made to order. Actual shipped products 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.