Parker







Instrumentation **Check Valves,** "C" Series

	Flow gpm @ 60°F w/1000 psig		Item
Size	Inlet Press.	L	No.
1/4"	2.4	2 13/32 in	2KLD2
3/8"	7.1	3 in	2KLD3
1/2"	11.2	3 %16 in	2KLD4

- 6000 psi at 115°F
- Cracking pressure: 1 psi
- Max. temp.: 400°F Designed for unidirectional flow control. Custom-molded seat helps prevent blowouts. Fluorocarbon backstopped poppet reduces spring stress. Valves offer heat code traceability for material certification. FNPT connections.

Instrumentation Plug Valves

Max. pressure: 3000 psig CWP ■ Temp. range: -10° to 450°F

1/4-turn operation, compact, and blowout-resistant seat allows forward flow throttling. Handle indicates flow direction. Pressure

Parker

rating is reduced to 150 psig when flow is opposite to the indicated direction. Fluorocarbon seats and seals. Compression connections. Meet ASTM A479 Type 316, except Brass meets ASTM B 16 Alloy C36000.



A.I OK 1RBB7

			210 Stailliess Steel		Dra	
			A-LOK(R)	CPI(R)	A-LOK(R)	CPI(R)
		Overall	ltem ′	ltem '	ltem ′	ltem '
Tube Size	Cv	Length	No.	No.	No.	No.
1/4 in	1.24	2 9/50 in	1RBB7	1RBC1	1RBC4	1RBC7
3/8 in	3.19	2 33/50 in	1RBB8	1RBC2	1RBC5	1RBC8
½ in	3.19	2 22/25 in	1RBB9	1RBC3		1RBC9

Instrumentation Needle Valves

STAINLESS STEEL, GLOBE-STYLE

Max. pressure: 6000 psi

A self-centering nonrotating spindle tip provides bubble-tight shutoff; backstop spindle prevents blowout and minimizes atmospheric contamination. PTFE gland packing.

GENERAL-PURPOSE

Packing above the stem thread (PAT) provides bubble-tight shutoff. Cold-formed body threads. Strain-hardened stem threads. PTFE seals. Tested in accordance with ISA S75.02.

316 Stainless Steel—Packing above the stem thread (PAT) provides bubble-tight shutoff. Cold-formed body threads. Strainhardened stem threads. PTFE seals.

Max. pressure: 5000 psig CWP

Brass-Packing above the stem thread (PAT) provides bubble-tight shutoff. Coldformed body threads. Strain-hardened stem threads. PTFE seals.

Max. pressure: 3000 psig CWP



2KLC8

1RAZ4

							Stainless Steel		316 Stainless Steel		Brass	
Tube	Pipe			Max.	Max.		Temp.	Item	Temp.	Item	Temp.	Item
Size	Size	Connection	Stem Type	Flow	Height	L	Rating	No.	Rating	No.	Rating	No.
Stainless Steel, Globe-Style												
	1⁄4 in	FNPT	Stainless Steel	0.35 gpm	3 1/8 in	2 1/8 in	-65° to 450°F	4EUJ9	_	_	_	_
	½ in	FNPT	Stainless Steel	0.35 gpm	3 1/8 in	2 ½ in	-65° to 450°F	4EUK1	_	_	_	
General-Purpose												
	1/4 in	FNPT	Blunt	0.73 gpm	3 35/64 in	1 1/8 in		_	-65° to 450°F	2KLC2	-65° to 450°F	2KLC5
	1/4 in	FNPT	Needle	0.55 gpm	3 35/64 in	1 % in	_	_	-65° to 450°F	2KLC3	-65° to 450°F	2KLC6
	1/4 in	FNPT	PCTFE	0.8 gpm	3 35/64 in	1 % in		_	-65° to 350°F	2KLC4	-65° to 350°F	2KLC7
	½ in	FNPT	Blunt	1.23 gpm	4 17/64 in	2 49/64 in		_	-65° to 450°F	2KLC8	_	_
	½ in	FNPT	Needle	1.05 gpm	4 17/64 in	2 ⁴⁹ / ₆₄ in	_	_	-65° to 450°F	2KLC9	_	_
	½ in	FNPT	PCTFE	1.29 gpm	4 17/64 in	2 49/64 in		_	-65° to 350°F	2KLD1	_	_
1/8 in	_	A-LOK(R)/Compression	Blunt	0.12 gpm	63/64 in	2 1/64 in	_	_	-65° to 450°F	1RAZ1	_	_
	_	A-LOK(R)/Compression	Blunt	0.43 gpm	3 ½16 in	2 5/16 in		_	-65° to 450°F	1RAZ4	-65° to 400°F	1RBA7
1/4 in	_	A-LOK(R)/Compression	Blunt Needle PCTFE	0.45 gpm	3 1/16 in	2 5/16 in	_	_	-65° to 450°F	1RAZ6	_	
	_	A-LOK(R)/Compression	Regulating	0.43 gpm	3 1/16 in	2 5/16 in	_	_	-65° to 450°F	1RAZ5	-65° to 400°F	1RBA8
	_	A-LOK(R)/Compression	Regulating	0.55 gpm	3 35/64 in	2 37/64 in		_	-65° to 350°F	1RAZ8	_	_
3/8 in	_	A-LOK(R)/Compression	Blunt	0.73 gpm	3 35/64 in	2 37/64 in		_	-65° to 450°F	1RAZ7	-65° to 400°F	1RBB1
	3⁄8 in	A-LOK(R)/Compression	Blunt Needle PCTFE	0.8 gpm	3 35/64 in	2 37/64 in	_	_	-65° to 450°F	1RAZ9	_	_
	_	A-LOK(R)/Compression	Regulating	1.05 gpm	4 ¾16 in	3 ½16 in		_	-65° to 450°F	1RBA2	_	_
½ in	_	A-LOK(R)/Compression	Blunt	1.23 gpm	4 ¾16 in	3 1/16 in	_	_	_	_	-65° to 400°F	1RBB4
	_	A-LOK(R)/Compression	Blunt Needle PCTFE	1.29 gpm	4 ¾16 in	3 ½16 in	_		-65° to 350°F	1RBA3		

Nickel-Plated Brass Mini Ball Valves and Kits

■ Temp, range: -20° to 370°F, except kits are -40° to 350°F

Ideal for use in tight spaces and can be used with air, gas, and liquids. Valve structure is 1-pc, and full port, except ½" are standard port. 450 psi CWP valves have polycarbonate wedge handles and can be panel mounted. 600 psi CWP valves have zinc, wedge handles. Kits 1PZA7 to 1PZB5 include wedge, lever, and T-style handles. 38EF92 to 38EF99 are lead free and certified for use with potable water and meet MSS SP-110.

	FNPT x FNPT	FNPT x FNPT (Valve Only)	FNPT x FNPT	FNPT x MNPT	FNPT x MNPT (Valve Only)	FNPT x MNPT	FNPT x FNPT	FNPT x MNPT
	(Valve Only)	450 psi CWP	(Valve Only)	(Valve Only)	450 psi CWP	(Valve Only)	(Valve Kit)	(Valve Kit)
Pipe	450 psi CWP Item	Lead-Free Brass Item	600 psi CWP Item	450 psi CWP Item	Lead-Free Brass Item	600 psi CWP Item	450 psi CWP Item	450 psi CWP Item
Size	No.	No.	No.	No.	No.	No.	No.	No.
1/8 in	38EF84	38EF92	_	38EF88	38EF96	38EG05	1PZA7	1PZB2
1/4 in	38EF85	38EF93	38EG02	38EF89	38EF97	38EG06	1PZA8	1PZB3
3/8 in	38EF86	38EF94	38EG03	38EF90	38EF98	38EG07	1PZA9	1PZB4
½ in	38EF87	38EF95		38EF91	38EF99	38EG08	1PZB1	1PZB5



38EF84

Brass Mini Ball Valves

Feature PTFE seats and packing, a blowoutproof stem, and a steel lever handle.

For use with water, oil, and gas. Lever FNPT Lever Lever Round Round Round FNPT x FNPT MNPT Comp. x Comp FNPT x FNPT x MNPT x MNP1 x MNPT Valve Max Item Item Item Item Item Item Item Structure Pressure Temp. Range No. 21VL80 -35° to -40° to 1/8 in ,000 psi CWP 500 psi CWP 1WML4 1WMN2 1WMN1 1WML3 1/4 in 1WML8 1WMN6 1WMN5 1WMN8 1WMN7 3⁄8 in 2-Pc 1,000 psi CWP -40° to 300°l

