

PFS Corporation Stops



PFS Corporation Stops have been designed to inject chemical into the center stream of the flow.

- isolation valve allows for ease of maintenance
- available in 6 materials of construction
- wetted components have comparable or greater chemical resistance than quill construction material
- standard and custom lengths available
- connection in NPT, metric or flanged
- standard 1/8" orifice discharge and optional 1/4" for higher flow

PFS Corporation Stops

For detailed product information visit our website: www.primaryfluid.com

Sizing and Ordering Information

Model***	Body Material	Valve Material	Gland Material	Gland Seal Material**	Ball Check Material	Check Spring Material	Pressure* Max. PSIG	Temperature Max.
CCS-56-PVC	PVC	PVC	PVC	VITON	Ceramic	316 S/S	150	140°F(60°C)
CCS-56-CPVC	CPVC	CPVC	CPVC	VITON	Ceramic	316 S/S	150	210°F(98°C)
CCS-56-PP	PP	PP	PVDF	VITON	Ceramic	316 S/S	150	195°F(90°C)
CCS-56-PVDF	PVDF	PVDF	PVDF	VITON	Ceramic	316 S/S	150	260°F(125°C)
CCS-56-316S/S	316S/S	316S/S	316 S/S	VITON	316 S/S	316 S/S	2000	350°F(176°C)
CCS-56-HastC	HASTC	HASTC	HASTC	VITON	HASTC	HASTC	2000	350°F(176°C)
CCS-58-PVC	PVC	PVC	PVC	VITON	Ceramic	316 S/S	150	140°F(60°C)
CCS-58-CPVC	CPVC	CPVC	CPVC	VITON	Ceramic	316 S/S	150	210°F(98°C)
CCS-58-PP	PP	PP	PVDF	VITON	Ceramic	316 S/S	150	195°F(90°C)
CCS-58-PVDF	PVDF	PVDF	PVDF	VITON	Ceramic	316 S/S	150	260°F(125°C)
CCS-58-316S/S	316S/S	316S/S	316S/S	VITON	316 S/S	316 S/S	2000	350°F(176°C)
CCS-58-HastC	HASTC	HASTC	HASTC	VITON	HASTC	HASTC	2000	350°F(176°C)

Notes:

* maximum pressure @ 70°F (21°C) working temperature; ** optional gland seal material available

*** all of the above corporation stops are available with 3/4" connections (76 and 78)

Options:

Hastelloy C springs

Suffix Model number with -H for this option(e.g. CCS-56-PVC-H)

Hastelloy C ball check

Suffix Model number -I (e.g. CCS-56-PVC-I)

PVDF ball check

Suffix Model number -K (e.g. CCS-56-PVC-K)

TFE ball check

Suffix Model number -T (e.g. CCS-56-PVC-T)

BSPT Thread

Suffix Model -B (e.g. CCS-56-PVC-B)

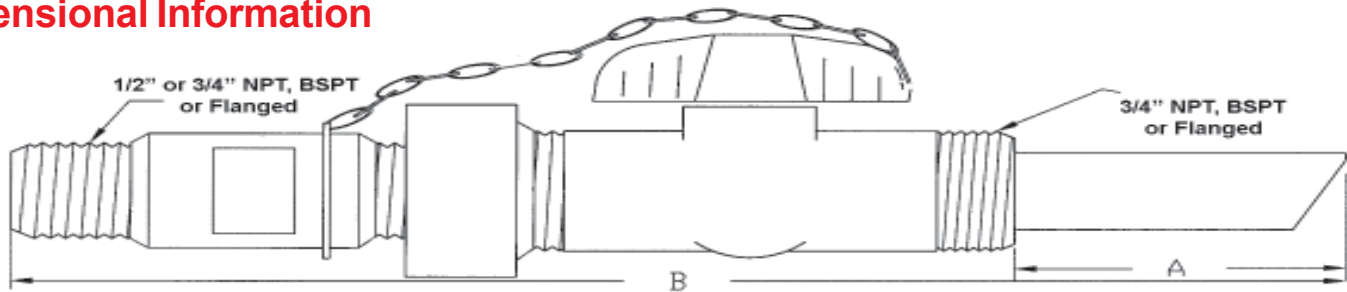
Flanged

Suffix Model-F (e.g. CCS-56-PVC-F)

CRN certification available. Please contact factory.

Other materials of construction and bubble tight/resilient seat check valve available on request.

Dimensional Information



Dimensions (subject to change without notice)

Model*	A (in.)	B (in.)	Model	A (in.)	B (in.)
CCS-56-PVC	2-5/8	11-1/2	CCS-58-PVC	4-5/8	13-1/2
CCS-56-CPVC	2-5/8	11-1/2	CCS-58-CPVC	4-5/8	13-1/2
CCS-56-PP	2-5/8	12	CCS-58-PP	4-5/8	14
CCS-56-PVDF	2-5/8	11-3/4	CCS-58-PVDF	4-5/8	13-3/4
CCS-56-316S/S	2-5/8	10-5/8	CCS-58-316S/S	4-5/8	12-5/8
CCS-56-HastC	2-5/8	12-1/4	CCS-58-HastC	4-5/8	14-1/4

Note:

* all of the above corporation stops are available with 3/4" connections (76 and 78)

Corporation stops have standard 1/8" discharge orifice for high velocity discharge.

Optional 1/4" discharge orifice available for higher capacity flow.

Capacities at Given Pressure (US & Metric)

Pressure		Flow Rate			
psi	kPa	1/8" Bore		1/4" Bore	
		USGPM	LPM	USGPM	LPM
20	138	0.05	0.19	0.70	2.65
30	207	1.35	5.11	1.42	5.38
40	276	1.68	6.36	2.51	9.50
50	345	2.03	7.68	3.43	12.98
60	414	2.25	8.52	4.24	16.05
70	483	2.51	9.50	4.94	18.70
80	552	2.76	10.45	5.52	20.90
90	621	2.99	11.32	6.13	23.20
100	689	3.21	12.15	6.81	25.78

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