



F84L Series Sizes

PART NUMBERS

ORIFICE	PART NUMBER (1)	INLET	OUTLET
F84L-2	S8L2P-05FN0-05FN0-SS-SS-XT	1/2" FNPT	1/2" FNPT
F84L-4	S8L4C-34FN0-01FN0-SS-SS-XT	3/4" FNPT	1" FNPT
	S8L4C-01FN0-01FN0-SS-SS-XT	1" FNPT	1" FNPT
F84L-8	S8L8C-34FN0-01FN0-SS-SS-XT	3/4" FNPT	1" FNPT
	S8L8C-01FN0-01FN0-SS-SS-XT	1" FNPT	1" FNPT
F84L-G	S8LGD-15FN0-02FN0-SS-SS-XT	1-1/2" FNPT	2" FNPT
F84L-J	S8LJE-02FN0-03FN0-SS-SS-XT	2" FNPT	3" FNPT

SS body and trim standard; other materials available upon request

X = seat material (depends on set pressure): T (PTFE / Teflon), K (PCTFE / Kel-F), W (Vespel)

(1) New part numbering scheme introduced in 2011; numbers shown are for standard configurations.

DIMENSIONS & WEIGHTS

ORIFICE SIZE	WEIGHT (LBS.)	CONNECTIONS		MAXIMUM DIMENSIONS, in. (1)		
		INLET	OUTLET	A	B	C
		THREADED				
-2	3	1/2" FNPT	1/2" FNPT	2.90	1.50	8.8
-4	13	3/4", 1" FNPT	1" FNPT	2.65	2.07	18.0
-8	13	3/4", 1" FNPT	1" FNPT	2.65	2.07	13.1
-G	42	1-1/2" FNPT	2" FNPT	2.60	3.15	17.8
-J	70	2" FNPT	3" FNPT	2.72	4.25	22.0
		FLANGED (ANSI Class 150-2500)				
		(ANSI Class 150-300)				
-4	22	3/4", 1"	1"	5.72	6.75	16.2
-8	22	3/4", 1"	1"	5.72	6.75	16.2
-G	45	1-1/2"	2"	4.87	4.75	17

SPECIFICATIONS

	F84L-2	F84L-4	F84L-8	F84L-G	F84L-J
ORIFICE AREA	0.015 sq. in.	0.116 sq. in.	0.261 sq. in.	0.663 sq. in.	1.690 sq. in.
MINIMUM SET PRESSURE (psig)	200	30	30	30	30
MAXIMUM SET PRESSURE (psig)	15,500 (SS)	8382 (CS, SS)	4292 (CS, SS)	3705 (CS, SS)	2700 (CS, SS)
TEMPERATURE RANGE (°F)	-65 TO 500	-65 TO 500	-65 TO 500	-65 TO 500	-65 TO 500
BODY MATERIAL	SS	CS, SS	CS, SS	CS, SS	CS, SS
INTERNAL VALVE COMPONENTS	316 Stainless Steel	316 Stainless Steel	316 Stainless Steel	316 Stainless Steel	316 Stainless Steel
SEAT MATERIAL	Teflon, Kel-F (PCTFE), Vespel, PEEK (depending upon set pressure and temperature)	Teflon, Kel-F (PCTFE), Vespel, PEEK (depending upon set pressure and temperature)	Teflon, Kel-F (PCTFE), Vespel, PEEK (depending upon set pressure and temperature)	Teflon, Kel-F (PCTFE), Vespel, PEEK (depending upon set pressure and temperature)	Teflon, Kel-F (PCTFE), Vespel, PEEK (depending upon set pressure and temperature)
SEAL MATERIAL (Spindle)	Buna-N, Viton, EPR, or special	Buna-N, Viton, EPR, or special	Buna-N, Viton, EPR, or special	Buna-N, Viton, EPR, or special	Buna-N, Viton, EPR, or special