

# SPECIFICATIONS

# F70PR SERIES

Set pressure range, Low Pressure (LP)	10 in. w.c. to 4.9 psig
Set pressure range, High Pressure (HP)	5 psig to 285 psig (ANSI 150)
Process temperature range (continuous)	-65 °F to 400 °F (Viton elastomer)
Main valve body material	A216 WCB (B26-356.0 aluminum for 1-1/2x2)
Main valve trim material	6061 aluminum / 316 SS optional
Pilot valve body material	6061 aluminum
Pilot valve trim material	316 or 304 SS
Seat and seal material	Elastomer (see table below)
Tubing, fitting material	316 SS

Seat Material	Continuous Process Temperature (°F)		Pressure Range (psig)	
	Min.	Max.	Min.	Max.
Buna-N	-30	275	2	285
Viton®	-30	400	2	285
Ethylene propylene (EPR)	-65	325	2	285
Kalrez®	0	500	2	285
Neoprene	-20	200	10 in. w.c.	5

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Valve Size	Weight (lbs)	Connections		Maximum Dimensions (in)			
		Inlet	Outlet	A	B	C	D
1-1/2 x 2	15	1-1/2" FNPT	2" FNPT	2.75	3.00	13.5	12.0
2 x 3	60	2"-150#RF	3"-150#RF	4.56	5.30	18.5	17.5
3 x 4	85	3"-150#RF	4"-150#RF	5.70	7.00	21.5	18.5
4 x 6	170	4"-150#RF	6"-150#RF	7.75	8.25	22.5	19.0
6 x 8	270	6"-150#RF	8"-150#RF	9.44	9.50	27.5	22.0
8 x 10	460	8"-150#RF	10"-150#RF	10.88	11.00	31.5	24.5
12 x 16	1100	12"-150#RF	16"-150#RF	11.92	15.56	39.0	32.5

