

Valve Body Selection

(for 940E Series Electric Motor Control Valve)

CAST IRON

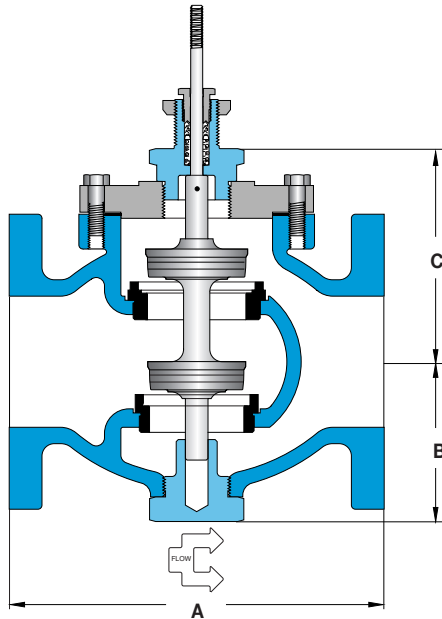
Double Seat • 1 1/2" – 6"



All dimensions are nominal. Dimensions in [] are in millimeters.

CONTROL VALVES

Stem In-To-Close



Note: Drawing depicts flanged connection; 1 1/2" and 2" valves have threaded connection.

Size	Class 125			Class 250		
	A	B	C	A	B	C
1 1/2"	x	x	x	7.4 [188]	3.8 [97]	4.5 [114]
2"	x	x	x	7.4 [188]	3.8 [97]	4.5 [114]
2 1/2"	7.8 [198]	4.0 [102]	4.9 [124]	8.4 [213]	4.0 [102]	4.9 [124]
3"	9.0 [229]	4.3 [109]	5.3 [135]	9.8 [249]	4.3 [109]	5.3 [135]
4"	11.4 [290]	4.9 [124]	6.6 [168]	12.0 [305]	4.9 [124]	6.6 [168]
5"	12.0 [305]	6.7 [170]	7.6 [193]	12.9 [328]	6.7 [170]	7.6 [193]
6"	14.1 [358]	7.4 [188]	8.5 [216]	14.5 [368]	7.4 [188]	8.5 [216]

Specifications

Body Material	Trim Material	Trim Style	Connection	Pressure & Temperature Rating
Cast-iron	Stainless steel	Equal percentage	1 1/2-2: Threaded 2 1/2-6: Class 125 flanged 2 1/2-6: Class 250 flanged	280 PSI @ 350°F (177°C) 140 PSI @ 300°F (149°C) 310 PSI @ 300°F (149°C)

Valve Body Selection

In-To-Close					Maximum Close-Off Pressure (psid)*				Approximate Shipping Wt.	
Valve Body Number		Size		C _v	Class 125		Class 250		Class 125	Class 250
Class 125	Class 250	Connection (Flanged)	Nominal Port		Actuator Size		Actuator Size			
					25	26	25	26		
x	L50	1 1/2 NPT	1 1/2"	30	x	x	280	x	x	19 lbs [8.6 kg]
x	L61	2 NPT	2"	42	x	x	280	x	x	19 lbs [8.6 kg]
K73	L73	2 1/2	2 1/2"	70	140	x	310	x	32 lbs [14.5 kg]	42 lbs [19.1 kg]
K78	L78	3	3"	100	140	x	310	x	42 lbs [19.1 kg]	54 lbs [24.5 kg]
K83	L83	4	4"	200	140	x	223	310	77 lbs [34.9 kg]	96 lbs [43.5 kg]
K88	L88	5	5"	260	x	140	x	287	124 lbs [56.2 kg]	162 lbs [73.5 kg]
K93	L93	6	6"	350	x	140	x	197	169 lbs [76.7 kg]	220 lbs [99.8 kg]

*Close-Off is Class III