



CLARKSON PORTED SLIDE GATE VALVES

FIGURE 955/956

ACTUATOR SELECTION CHART - NORMAL SERVICE

Valve size DN (NPS)	Actuator supply pressure kPa (psi)	Line pressure differential kPa (psi)		
		550 (80)	1000 (145)	1600 (230)
50 (2)	700 (100)		P1C	
	550 (80)			
	415 (60)			
	275 (40)			
65 (2½)	700 (100)		P1D	
	550 (80)			
	415 (60)			
	275 (40)			
80 (3)	700 (100)		P1	
	550 (80)			
	415 (60)		P2	
	275 (40)			
100 (4)	700 (100)		P3B	
	550 (80)			
	415 (60)		P4C	
	275 (40)			
125 (5)	700 (100)		P4D	
	550 (80)			
	415 (60)		P5C	
	275 (40)			
150 (6)	700 (100)		P4E	
	550 (80)			
	415 (60)		P5B	
	275 (40)			
200 (8)	700 (100)		P6B	
	550 (80)			
	415 (60)		P7B	
	275 (40)			
250 (10)	700 (100)		P6C	
	550 (80)			
	415 (60)		P7C	
	275 (40)			
300 (12)	700 (100)		P7E	
	550 (80)			
	415 (60)		P8C	
	275 (40)			
350 (14)	700 (100)		P9B	
	550 (80)			
	415 (60)		P10C	
	275 (40)			
400 (16)	700 (100)		P13D	
	550 (80)			
	415 (60)		P14D	
	275 (40)			
450 (18)	700 (100)	P13B		N/A
	550 (80)			
	415 (60)			
	275 (40)			
500 (20)	700 (100)	P13E		N/A
	550 (80)			
	415 (60)			
	275 (40)			
600 (24)	700 (100)	P14F		N/A
	550 (80)			
	415 (60)			
	275 (40)			
700 (28)	700 (100)	P15G		N/A
	550 (80)			
	415 (60)			
	275 (40)			
750 (30)	700 (100)	P16K		N/A
	550 (80)			
	415 (60)			
	275 (40)			

SEVERE SERVICE*

Line pressure differential kPa (psi)		
550 (80)	1000 (145)	1600 (230)
	P1C	
	P1D	
	P2	
	P4C	
	P4D	
	P5C	
	P5B	
	P7B	
	P8B	
	P11G	
	P11B	
	P12F	
	P11H	
	P12B	
	P14D	
	P15B	
	P16C	
	CF	
P16B		N/A
CF		N/A
P16D		N/A
CF		N/A
P16E	CF	N/A
CF		N/A
CF		N/A

NOTE

*Use severe service chart when selecting an actuator for polyurethane trim valves.

Severe service includes all pulp and paper stock and heavy slurries.

CF = Consult factory

P1 - P16 = F738 actuator sizes

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