

Jordan Valve MK80 Sliding Gate Temperature Regulators

How to specify the best Temperature Regulator in the industry



1 Model	
80	Standard
80 T	Thermometer
801	High flow
802	Super high flow

2 Size	
1/4"	DN8
3/8"	DN12
1/2"	DN15
3/4"	DN20
1"	DN25
1 1/4"	DN32
1 1/2"	DN40
2"	DN50

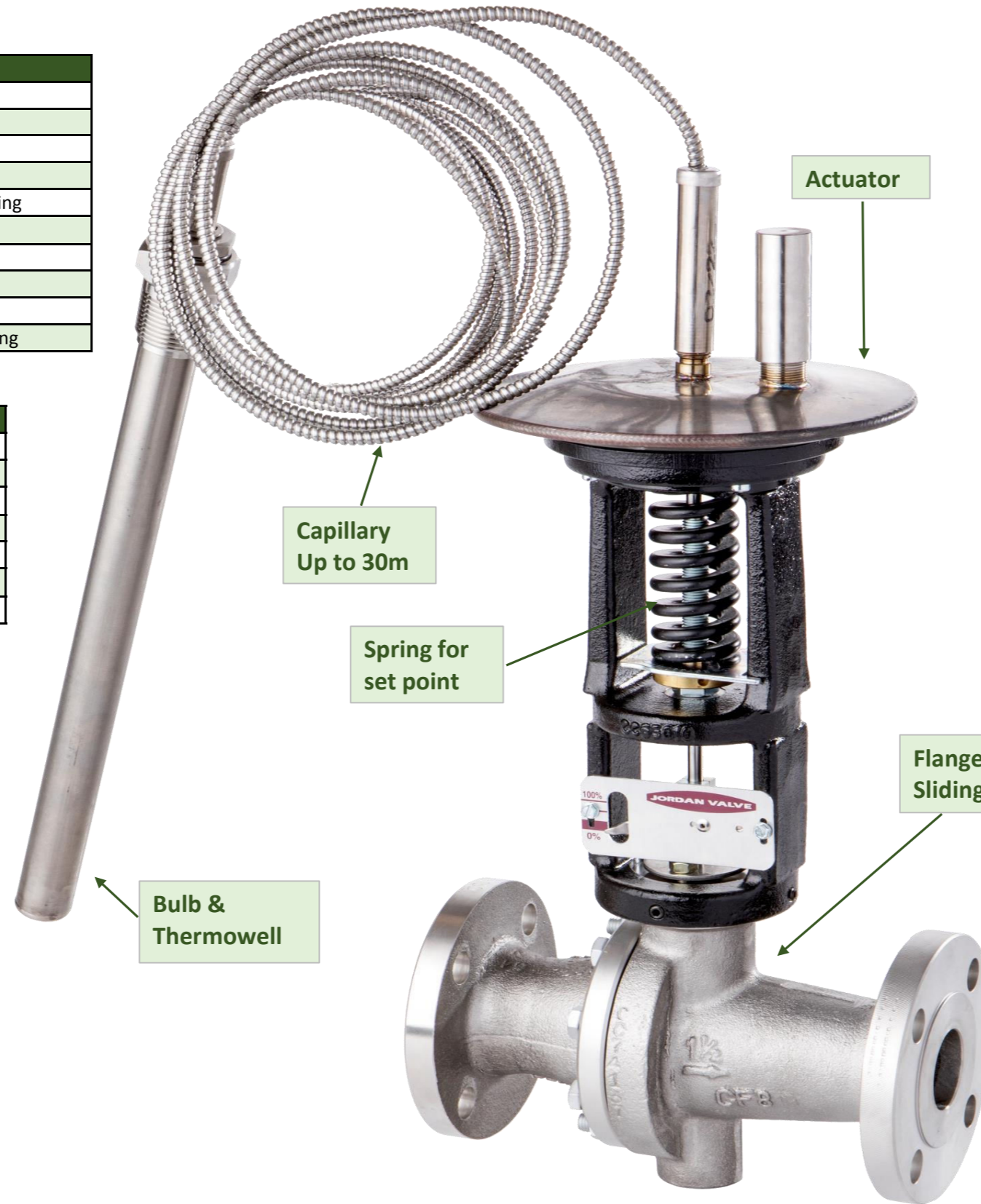
3 Body material	
Ductile Iron	
Bronze	
Carbon Steel	
Stainless Steel	

4 End connections	
Threaded NPT	
Threaded BSPT	
Threaded BSPP	
Flanged 125#	
Flanged 150#	
Flanged 250#	
Flanged 300#	
Flanged PN10	
Flanged PN16	
Flanged PN25	
Flanged PN40	

5 Trim material	
SS303	PTFE packing
SS316	PTFE packing
Monel	PTFE packing
Alloy 20	PTFE packing
Hastelloy C	PTFE packing
SS303	287I packing
SS316	287I packing
Monel	287I packing
Alloy 20	287I packing
Hastelloy C	287I packing

6 Seat material	
SS303	PTFE
SS316	PTFE
Monel	PTFE
Alloy 20	PTFE
Hastelloy C	PTFE
SS303	Jorcote
SS316	Jorcote

7 Cv's MK80	
0.0008	0.84
0.0002	1.6
0.004	2.5
0.008	4.4
0.02	6.4
0.04	9.5
0.08	15
0.21	25
0.42	30
801	802
45	65
60	70



MK80

8 Temperature ranges MK80		801 & 802	
Standard spring	Light spring	Standard spring	Light spring
-29° to -7°C	-32° to -21°C	-23° to -7°C	-26° to -21°C
-12° to -13°C	-15° to 2°C	-7° to -13°C	-9° to 2°C
2° to -32°C	-1° to 21°C	7° to -32°C	4° to 21°C
13° to 46°C	10° to 32°C	18° to 46°C	16° to 32°C
27° to 60°C	24° to 46°C	32° to 60°C	29° to 46°C
43° to 74°C	41° to 60°C	49° to 74°C	52° to 60°C
71° to 107°C	46° to 71°C	77° to 107°C	46° to 71°C
96° to 127°C	68° to 93°C	102° to 127°C	68° to 93°C
110° to 143°C	91° to 113°C	116° to 143°C	96° to 113°C
129° to 163°C	107° to 132°C	135° to 163°C	113° to 132°C
157° to 204°C	127° to 149°C	163° to 204°C	132° to 149°C
193° to 232°C		199° to 232°C	160° to 188°C

9 Thermowell & Bulb				
Size	Material	Connection	Size bulb	Bulb type
1"	Copper	NPT	25,4 x 304,8 mm	Standard bulb
1 1/2"	Stainless steel	Flanged 150#	25,4 x 355,6 mm	Finned bulb
2"		Flanged 300#	25,4 x 431,8 mm	Extended bulb
				Adjustable bulb

10 Capillary length	
2,4 m	
3,1 m	
4,6 m	
6,2 m	
Special up to 30 m	

11 Action @ rising temperature	
Direct	Regulator is closing
Reverse	Regulator is opening

