

## SLIDING STEM CONTROL VALVE SPECIFICATION

FISHER

7  
4

Customer: JGC Corporation  
 Contact: Mr. Miyata  
 Reference:  
 Project:  
 Item: 1104 Rev: Qty: 1

Nippon Fisher Co., Ltd.  
 Contact: Masaki Shibata  
 Quote: TC98260B01 Rev: 01  
 Data Sheet: - NF Item: 004

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Service: DESALTED DCO TO 11-F-1101A

Tag: FV-11016  
 Size and Type: 3 Inch EZ Body

Body Style: Globe  
 Design Temp: 565 deg. F  
 Design Press: 670 psig  
 End Connect: Class 600  
 In: RF Flanged  
 Out: RF Flanged  
 Material: C5  
 Ports: Single Port  
 Flow Directn: Up

Positioner Type: DVC5010, HC HartCommunicating  
 Input Signal: 4-20 mA dc  
 Access: Airset(67AF: 35 psig)  
 Gauges: Yes, , Supply, Output  
 Action: Direct  
 Certification: CSA Exp,D 2

Controller Type: None  
 Action:  
 Measure Element:  
 Range:  
 Output:  
 Mounting:  
 Airset:  
 Mounting:

Trim Number: 101  
 Cage Matl: None  
 Retainer Matl: 17-4 H1150  
 Bushing Matl: 17-4 H900  
 Seat Ring Matl: 416 SST HD Metal  
 VALVE PLUG  
 Material: 416 SST HD  
 Guiding: Post  
 Balance: Unbalanced  
 Shutoff Class: Class IV  
 Port Size: 2 Inch  
 Characteristic: Linear  
 Stem Material: 316SST St Hd  
 Stem Size: 1/2 Inch

Transducer: None  
 Input Signal:  
 Output Signal:  
 Action:  
 Mounting:  
 Airset:  
 Certifications:

Line In:  $\Delta$  6.000 in, XS  
 Line Out:  $\Delta$  6.000 in, XS  
 Insulation:  
 Service Cond: Throttling  
 Process Fluid: DESALTED DCO

Bonnet Style: Plain  
 Boss Size: 2 13/16 Inch  
 Packing: Single Graphite  
 Access: Not Tapped  
 Bolt, Bonnet: B7/2H LUB  
 PackFlg/Bltg: SST/SST

SG  
 T deg F  
 P1 psig  
 Pv psia  
 dP psid  
 Q lb/h  
 Vlv Lpa  
 Cv  
 FI

Minimum(C2)	Normal(C2)	Maximum(C2)
0.780	0.780	0.780
512.000	512.000	512.000
438.300	438.300	438.300
277.700	277.700	277.700
147.100	147.100	147.100
138693.000	277385.000	291254.000
74.4	77.6	77.8
25.999	52.633	55.321
0.939	0.939	0.939

Actuator: Spg & Diaph  
 Type/Size: 657/46  
 Travel: 1 1/8 Inch  
 Bench Set: 6-15 psig  
 Push Down To: Close  
 Supply: Air  
 To Actuator: 6-30/0-33 psig  
 Fails Valve: Open  
 Handwheel: None

% Open

37

67

69

Maximum Rated Flow Coefficient: 80.4 Cv

316SST Tubing & Swagelok Fitting  
 Smooth Finish (125-250 AARH)

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(2)	99.9.29	Rev. 6	(5)		Prepared	Checked	Approved
(1)	99.7.28	Rev. 1	(4)				