



# 2 PC Direct Mount 2000

## DIRECT CONNECT SERIES

**Models: DM 2000-SS**  
**2PC Body**  
**Full Port**  
**2000 WOG / 150 WSP**  
**316SS - CF8M**  
**Sizes 1/2" - 3"**  
**Optional Fire Safe Design**



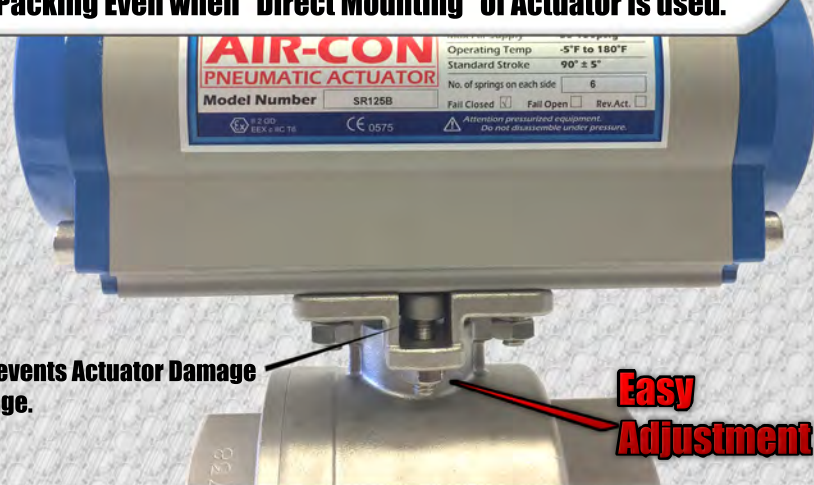
### Easy Access Packing Gland

**Bolted Packing Gland Design Provides Easy Adjustment of Stem Packing Even when "Direct Mounting" of Actuator is used.**



**Optional**  
**30° & 60° VBall**  
**Control Valve**  
**S-TEK Seats**  
**Model: DMV-2000**

**Stem Leak Detection Window Prevents Actuator Damage in The Event of Valve Stem Leakage.**



**Easy Adjustment**

### Design Features

- **Direct Mount - ISO 5211**
- **Anti Static Ground**
- **Temperature Range: -20° F - 450° F**
- **Adjustable "Live Loaded" Stem Seal**

Direct Connect Series  
 STANDARD PRODUCT NUMBER  
**DM2000-SS-S7-RRR-N**

### Handle Options

Lever Operator



**Seat Options: RPTFE (R)**  
**METAL (M)**  
**S-TEK (S)**



**Multi-Position For Control**

**Economical Flow Control for Both Manual & Automation Designs**

# Design and Technical Data

## Direct-Connect Series

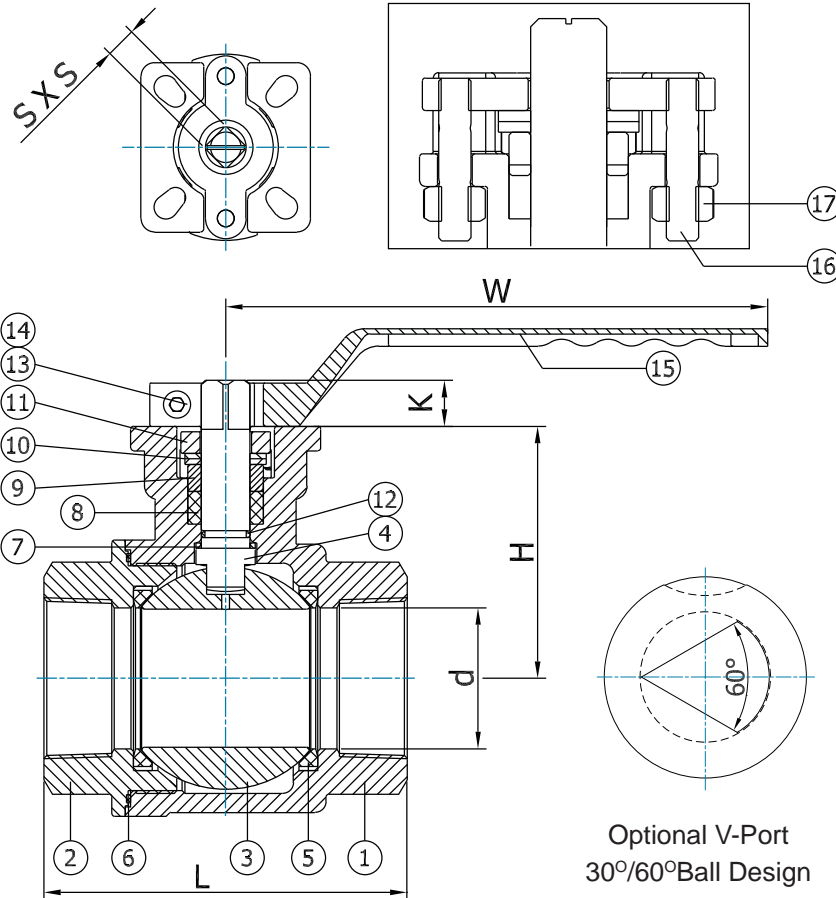
**Standards**  
ANSI/ASME - B16.11  
ISO - 5211  
MSS - SP25, SP72

**Models**  
Threaded DM-2000

## Materials of Construction

No.	Parts	DM2000
1	Body	ASTM A351 CF8M
2	End Cap	ASTM A351 CF8M
3	Ball	SS316
4	Stem	SS316
5	Seat	# RPTFE / S-TEK
6	Gasket	# RPTFE / Graphite
7	Washer	# RPTFE
8	Packing	# RPTFE / Graphite
9	Packing Follower	SS304
10	Belleville Washer	SS304
11	Packing Gland	CF8
12	O-Ring	# Viton
13	Handle Nut	SS304
14	Handle Bolt	SS304
15	Handle	SS304
16	Gland Bolt	SS304
17	Gland Nut	SS304

Optional Body Materials Available , Consult Factory  
# Repair Kits



Optional V-Port  
30°/60°Ball Design  
Model DMV-2000

**Full Port Ball Design  
Model DM2000**

ISO 5211 Direct Mounting Pad Provides  
Precise Shaft Alignment And Eliminates  
the Need for Bracket and Coupler

## Dimensions and Weights

SIZE	d	L	H	W	S	K	ISO5211	Cv	Torque In-lb	Weight lbs
1/2"	0.59	2.56	2.01	7.24	0.35	0.31	F04 / F05	38	90	2.0
3/4"	0.79	2.87	2.05	7.24	0.35	0.31	F04 / F05	66	90	2.0
1"	0.98	3.39	2.40	7.80	0.43	0.39	F04 / F05	144	110	2.7
1 1/2"	1.50	4.53	3.31	9.13	0.55	0.63	F05 / F07	275	180	7.4
2"	2.01	5.28	3.66	9.13	0.55	0.67	F05 / F07	480	355	10.7
3"	2.99	7.44	4.57	11.46	0.67	0.87	F07 / F10	1210	620	28.7

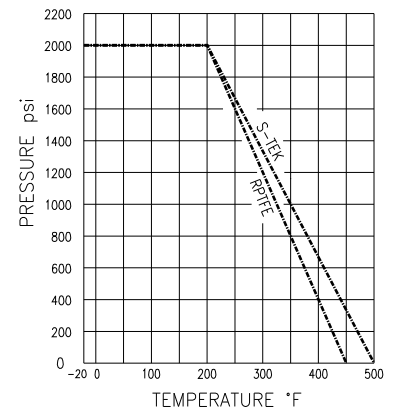
Size 2 1/2", Consult Factory

## Hi-Tek Stem Seal Design

Flo-Tite's Direct Mount Series provides for an extended valve cycle life. The primary seal is a washer that fits firmly on the stem shoulder. The secondary seal (back-up) seal is provided by an O-ring and a set of self-lubricating RPTFE Vee packing rings, energized by belleville washers. This design adjusts packing compression to compensate for wear, pressure or temperature fluctuations even when "Direct-Mount" actuation and insulation are utilized.

**ATTENTION**  
MAWP/WOG is a do-not exceed  
pressure at normal ambient  
NPT & Weld End Models

## Pressure/Temperature Chart



Steam Rating 150 PSI WSP  
Consult Factory



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