



VALVES - QUANTUM SERIES

SPECIFICATIONS

D100E

1" (25,4 mm) electric globe pressure regulated valve NPT MxM

D150E

1½" (38,1 mm) electric globe pressure regulated valve NPT MxM

D150E3

1½" (38,1 mm) 3-way electric globe pressure regulated valve NPT MxM

D150H

1½" (38,1 mm) hydraulic globe pressure regulated valve NPT MxM

D200E

2" (50,8 mm) electric globe pressure regulated valve NPT MxM

D200EB

2" (50,8 mm) electric globe pressure regulated valve BSP MxM

D200E3

2" (50,8 mm) 3-way electric globe pressure regulated valve NPT MxM

D200H

2" (50,8 mm) hydraulic globe pressure regulated valve NPT MxM

*EB = BSP Conventional

D100E



D150/D200 Series



FLOW RATE:

1" = 5-40 gpm

1.5" = 30-180 gpm

2" = 30-180 gpm

FACTORY PRESSURE SETTINGS:

Available in 35, 50, 65 and 80 psi

STANDARD FACTORY SETTINGS:

80 psi (5,5 bar)

SOLENOID:

24 VAC 50/60 Hz

Inrush Amps: 0.30

Holding Amps: 0.20

FEATURES

- High Performance
- Low pressure loss
- Unique snap ring serviceability
- 200 PSI pressure rating
- Common solenoid with valve-in-head (E-models)
- Male pipe threads for strength and high-pressure rating

Quantum Series Valve Pressure Loss

PSI Loss	Flow Rate (GPM)								
	5	10	20	30	40				
1"	2.0	2.5	3.5	5.0	8.5				
PSI Loss	Flow Rate (GPM)								
	30	40	50	70	90	100	120	150	180
1 1/2"	1.5	1.5	1.5	1.5	3.5	4.0	5.0	5.5	8.0
2"	1.5	1.5	1.5	3.5	4.5	5.5	6.0	9.0	—

SIGNATURE CONTROL SYSTEMS, INC.

WORLD HEADQUARTERS

18 Goodyear • Suite 110
Irvine • California • 92618
Tel: 949.580.3640
Fax: 949.580.3645

MANUFACTURING FACILITY

8800 N.Allen Rd.,
Peoria • Illinois • 61615
Tel: 949.580.3640
Fax: 949.580.3645

EUROPE & MIDDLE EAST

5 rue de la Vallée Yart
78640 Saint Germain de la Grange
France
Tel: +33.13.489.9056
Fax: +33.13.489.6025

REGIONAL OFFICES

ASIA
NanXian Plaza • MinZhi Street • Shenzhen,
Guangdon Province • 518131
Tel: (86) 136.00419465 • Fax: (86) 755.83275012
SOUTH AMERICA
Av Paseo Los Bravos 6000 • Lo Barnechea
Santiago • Chile
Tel/Fax: +56 229.556220

MEXICO, CENTRAL AMERICA

Ribera Escondida 118 • Riberas Del Campestre
38080 Celaya • Gto. • Mexico
Tel/Fax: +52 (461) 614.2322

AFRICA

P.O. Box 1260 • Strubensvalley 1735
Roodepoort • South Africa
Office & Mobile: +27 82 553 9093 • Fax: 086 670 6318

www.SignatureControlSystems.com

USA Toll Free: 866.4SIGNATURE