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V5853A2048

1/2 in 3-way Sweat Valve

Overview

Three-way Cartridge Globe Valves control hot and/or chilled water for VAV terminal units, fan coil and recoolers in electric/electronic temperature control systems.

Features

- Long stroke allows wider range of control.
- Soft valve seat provides low leakage rate.
- Inserts for 1/2 in. and 3/4 in. valves are changeable without draining valve when used with replacement tool.
- Brass body and stainless steel stem.
- Threaded plastic cover/manual handle allows manual operation.
- Easily installed in areas where space is limited.

Product Specifications

Dimensions (in.)	3 11/32 in. high x 3/4 in. wide x 3 in. deep
Dimensions (mm)	84 mm high x 19 mm wide x 76 mm deep
Maximum Safe Operating Pressure (psi)	235 psi
Maximum Safe Operating Pressure (kPa)	1620 kPa
Used With	M6410A1029; M7410F1000; M6435A1004; M7435F1000
Ambient Temperature Range (F)	36 F to 230 F
Ambient Temperature Range (C)	2 C to 110 C
Connection Type	Sweat (Female)
Body Pattern	Three-way
Pipe Size (inch)	1/2 in.
Pipe Size (DN)	DN15
Maximum Differential Pressure Ratings (Close-off) (psi)	34 psi
Maximum Differential Pressure Ratings (Close-off) (kPa)	234 kPa
Capacity (Cv)	1.9 Cv
Capacity (Kv)	1.6 kv
Valve Action	Stem up to close
Valve Type	Cartridge Globe Valve
Controlled Fluid	Chilled or hot water with up to 50% Glycol. Not for use steam or fuels.

Materials (Body)	Brass
Materials (Seat)	Brass
Materials (Stem)	Stainless Steel
Materials (Cartridge)	Brass
Flow Characteristic	Equal Percentage
Actuation	Must be purchased separately
Stem Travel (in.)	1/4 in.
Stem Travel (mm)	6.4 mm
Materials (Plug/Ball/Disc)	Brass
Leakage	ANSI Class IV (0.01% of Cv maximum)

