

azbil

D1 Series Globe-style Control Valves

Manufactured by Azbil Saudi Limited

D1 Series globe-style control valves are suitable for general-purpose use in various process applications in industries such as refining, petrochemical, chemical, and so forth.



- Easy selection from a variety of body materials
- Easy installation with integrated volume tank
- Easy operation with rugged actuator
- Easy maintenance with simple structure

Features

■ Easy selection from a variety of body materials

Various ASTM (American Society for Testing and Materials) materials have been standardized for convenient selection.

Super duplex stainless steel materials are also available.

■ Easy installation with integrated volume tank

Using an integrated, bolt mounted, volume tank design will ensure an easy installation at the plant site.

A spring return diaphragm type actuator will be also available.

■ Easy operation with rugged actuator

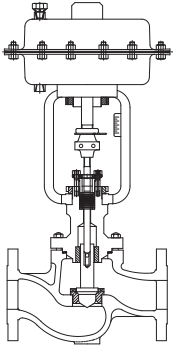
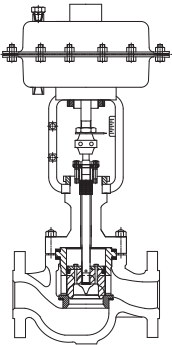
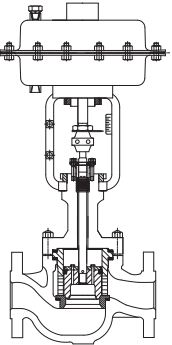
Our largest double-acting actuator will produce over 16 tons of thrust at 6 bar operating air pressure.

The side mounted handwheel has the mechanical advantage of a worm gear arrangement. This reduces the operating torque, since the valve can be operated through the worm gear box.

■ Easy maintenance with simple structure

No special tools are required for implementing stack cage design in cage-guided control valves.

■ Main Specifications

Basic Model	D1S	D1V	D1M
Structural drawing			
Structure	Top Guided Single Seated	Ported Cage Guided	Multi Hole Cage Guided
Pressure rating	ANSI Class 150, 300, 600		
Nominal body size	1/2 to 12 inches	1 1/2 to 36 inches	
Body material	Carbon steel: ASTM A216 Gr WCB, WCC, WC6, WC9, C5, C12, LCB		
	Stainless steel: ASTM A351 Gr CF8, CF8M, CF3, CF3M, CF8C		
	Alloy steel: Hastelloy C, Alloy 20, Nickel, Titanium, Monel, For other materials, consult your Azbil sales office		
Trim material	Stainless steel: ASTM A479 Type SS316, SS304, SS316L, SS304L, SS904L		
	Alloy steel: Hastelloy C, Alloy 20, Nickel, Titanium, Monel, For other materials, consult your Azbil sales office		

[Notice] Specifications are subject to change without notice.
No part of this publication may be reproduced or duplicated without the prior written permission of Azbil Corporation.

Other product names, model numbers and company names may be trademarks of the respective company.

Manufactured and Sold by :

Azbil Saudi Limited

شركة أزبيل السعودية المحدودة

Dammam 2nd Industrial City,
Dammam 31537 Kingdom of Saudi Arabia
P.O.Box 68683

Sold by :

Azbil Corporation

Advanced Automation Company

1-12-2 Kawana, Fujisawa
Kanagawa 251-8522 Japan
URL: <http://www.azbil.com>

Yamatake Corporation changed its name to Azbil Corporation on April 1, 2012.