



the pressure equipment safety authority

STATUTORY DECLARATION
Registration of Fittings

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



I, REX SCARE,

GENERAL MANAGER

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of ARMSTRONG-YOSHITAKE, INC

(name of manufacturer)

located at 221 ARMSTRONG BLVD., THREE RIVERS, MI 49093

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

comply with the requirements of ASME B16.34 which specifies the dimensions, (title of recognized North American Standard)

are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, BVQI as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are 1100 SERIES VALVES

In support of this application, the following information, calculations and/or test data are attached:

VALVE BODY DRAWINGS, DESIGN CALCULATIONS, CALCULATION SUMMARY SHEET, CD2012, CD2011, BULLETIN 740

DECLARED before me at Three Rivers, MI in the State of Michigan
this 24th day of August, 2007

(print) Debra L. Schull
(sign) Debra L. Schull
(A Commissioner for Oaths)

Rex Scare
(Signature of Applicant)

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category "C"

Registration Number: 0C11927.52

WILLA GRYNCHUK [Signature]

Date Registered: JAN 12 2008

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: 2017-11-08



the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

January 12, 2008

Tanya Cooper
TECHNICAL STANDARDS & SAFETY AUTHORITY
3300 BLOOR STREET WEST
14 FLOOR CENTRE TOWER
TORONTO, ON M8X 2X4

Dear Tanya Cooper,

The drawings, specifications and/or information received on November 19, 2007 are accepted for registration as follows:

CRN : 0C11927.52
Tracking No. : 2007-08270
Reg Type : New Design
Drawing No. : BULLETIN 740
Fitting Desc:

Accepted on: January 12, 2008
Expiry Date: November 08, 2017

Registered under owner / manufacturer name ARMSTRONG-YOSHITAKE, INC.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

Sincerely,

GRYNCHUK, MILLA
Design Surveyor

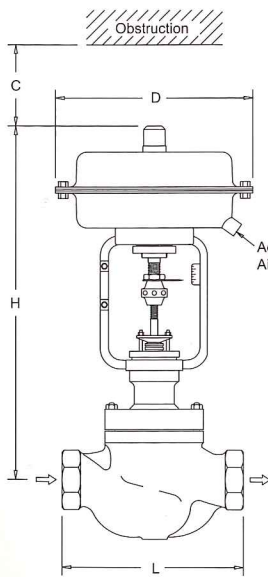
Python™ - 1100 Series Control Valve



List of Materials	
Part	Material
Valve Body	Carbon Steel A216 Gr. WCB
Bonnet	Carbon Steel A216 Gr. WCB
Valve/Valve Seat	Stainless Steel AISI 410
Valve Stem	Stainless Steel 316
Gland Packing	V-Teflon - option 1 (366°F Max.) Grafoil - option 2
Yoke	S.G. Iron
Actuator Spring	Chrome Vanadium/Spring Steel
Actuator Diaphragm	Nitrile Reinforced with Nylon Fiber

Technical Data		
Flow	Equal Percentage	
Leakage	ANSI Class IV	
Rangeability	50:1	
Travel	1/2" to 1"	11/16" (18 mm)
	1-1/2" to 2"	1-1/8" (28 mm)
	2-1/2" to 4"	1-1/2" (38 mm)
Maximum Temperature	450°F (232°C)	
Maximum Pressure	300 PSIG (20 bar)	

Dimensions and Weights																			
Size, in		Face to Face "L"						"C"		"D"		"H"		Weight, lb.					
in	mm	NPT		150#		300#		in		in		in		NPT		150#		300#	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
1/2"	15	6-1/2"	165	—	—	—	—	4"	102	9-7/16"	240	18-1/2"	470	31	14	—	—	—	—
3/4"	20	6-1/2"	165	—	—	—	—	4"	102	9-7/16"	240	18-1/2"	470	31	14	—	—	—	—
1"	25	7-3/4"	197	—	—	—	—	4"	102	9-7/16"	240	18-1/2"	470	33	15	—	—	—	—
1-1/2"	40	9-1/4"	235	—	—	—	—	5"	127	11-7/16"	290	20-9/32"	515	51	23	—	—	—	—
2"	50	10-1/2"	267	—	—	—	—	5"	127	11-7/16"	290	10-1/2"	267	60	27	—	—	—	—
2-1/2"	65	—	—	10-7/8"	276	11-1/2"	292	6"	152	15"	380	25-3/16"	640	—	—	120	54	135	61
3"	80	—	—	11-3/4"	299	12-1/2"	318	6"	152	15"	380	25-3/16"	640	—	—	135	61	154	70
4"	100	—	—	13-7/8"	353	14-1/2"	368	6"	152	15"	380	26-3/8"	670	—	—	176	80	220	100



1/2" - 2" Control Valve

ALBERTA BOILERS SAFETY ASSOCIATION
PROVINCE OF ALBERTA
SAFETY CODES ACT

REGISTRATION OF FITTINGS

UC11927 59

REGISTRATION NO. UC11927 59

BULLETIN 740, 1100 SERIES CONTROL valves

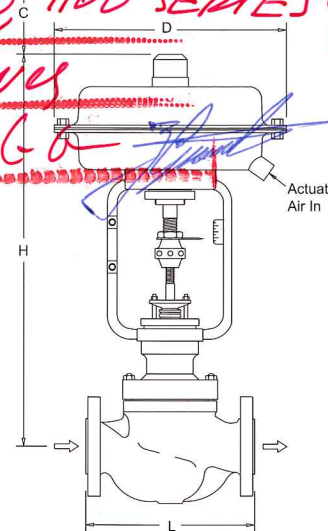
DWG. NO or CAT. NO.

TYPE OF FITTINGS valves

JAN 12 2008

Date

INITIALS G.O.



2-1/2" - 4" Control Valve

All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.