

shopvalves.com

DIMENSIONS & DATA CERTIFIED FOR:

Representative:

Order:

Customer:

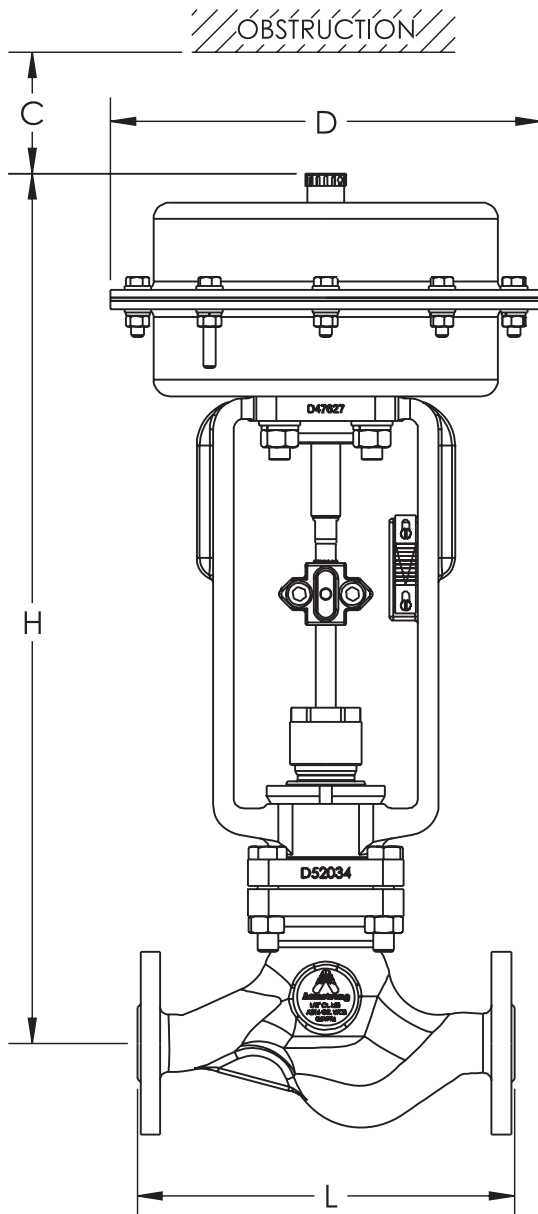
Order:

Project:

Requirements:

By:

Date:



Dimensions Are In Inches [mm]

LIST OF MATERIALS

NAME OF PART	MATERIAL
VALVE BODY	ASTM A216 Gr. WCB
BONNET	
VALVE & VALVE SEAT	ASTM A-276, TYP 420
VALVE STEM	
GLAND PACKING	TEFLON (OPTION 1) GRAFOIL (OPTION 2)
YOKE	ASTM A-536 GR. 60-40-18
ACTUATOR SPRING	IS4454-2 Gr. TDSiCr
ACTUATOR DIAPHRAGM	NBR 60 WITH FIBER REINFORCED

TECHNICAL INFORMATION

PLUG DESIGN		CONTOURED TOP (UNBALANCED)
FLOW CHARACTERISTICS		EQUAL PERCENTAGE
LEAKAGE		ANSI CLASS IV
RANGEABILITY		
TRAVEL	1/2 [15] - 1-1/2 [40]	0.8 [20]
	2 [50]	1.2 [30]
MAXIMUM TEMPERATURE		800 °F [427 °C]
MAXIMUM PRESSURE		290 PSI [20 BAR]

DIMENSIONS & WEIGHTS

SIZE 150RF	L	C	D	H	Cv	WEIGHT lbs [kgs]
1/2 [15]	7.2 [184]	5.9 [150]	8.3 [210]	16.7 [424]	5	33 [15]
3/4 [20]	7.2 [184]			16.7 [424]	9	33 [15]
1 [25]	7.2 [184]			16.8 [426]	13	38 [17]
1-1/4 [32]	8.0 [203]			17.8 [451]	21	42 [19]
1-1/2 [40]	8.7 [222]			17.8 [451]	30	44 [20]
2 [50]	10.0 [254]		11.0 [280]	19.8 [504]	50	86 [39]

NOTES:

1. REDUCED TRIM Cv AVAILABLE.



Product

ENGLISH

CD No.

Rev;

Date

1500 SERIES CONTROL VALVE
150RF CONTOURED TOP GUIDED (UNBALANCED)

WEB
Y N

CD2822

A

04/11/2014

SHEET 1 OF 1

By: Vinoth Kumar N