

'Apollo' Valves

SUBMITTAL SHEET

60A Series

60A-100 Steel & 60A-700 Stainless Steel
Barstock Globe Valve



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	
Wholesale Distributor:	

Valve built to U.S. customary units.
Reference metric units also shown.



DESCRIPTION

The Apollo® 60A Series Steel & Stainless Steel Barstock Globe Valves are ideally suited for use in instrumentation, sampling lines and flow control applications.

FEATURES

- Backseat stem design reduces pressure exerted on the packing, prolonging packing life. Design also prevents stem from being accidentally turned out of the valve.
- Integral metal-to-metal seat design.
- Externally adjustable PTFE packing is standard, graphoil available as an option.
- Malleable iron handle for long lasting, reliable service.
- All valves 100% pressure tested
- Fully threaded bonnet to accommodate optional panel mounting nut.
- Locking bonnet option available.
- All pressure retaining parts constructed of ASTM materials.
- Meets the requirements of MSS SP-99 & SP-105.
- Meets the requirements of NACE MR-01-75.

PERFORMANCE RATING

- Max Operating Pressure:
5000 psig @ 100°F
345 bar @ 38°C
- Temperature Range:
-50°F to 1000°F
(-46°C to 538°C)

OPTIONS & SIZES

- -01 Standard Configuration
- -07 Tee Handle (SS)
- -09 Lock Bonnet
- -24 Graphoil Packing
- -57 Oxygen Cleaned
- -88 Panel Mount
- 07 Tee Handle (SS) not available on 3/4" (DN 20) and 1" (DN 25) sizes
- Female x Female NPT end connections are standard.
- Socket weld end connections also available.

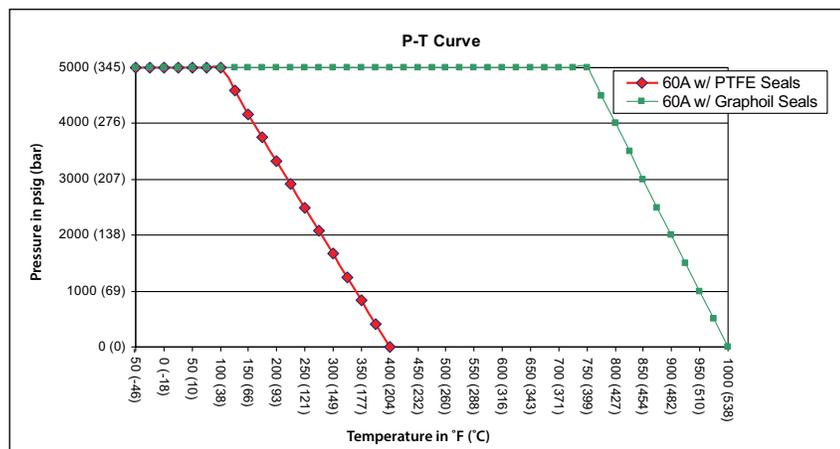
STANDARD MATERIALS LIST

Part Name	Material 60A-100	Material 60A-700
Body	ASTM A108 Carbon Steel	ASTM A276 316 Stainless Steel
Hub	ASTM A108 Carbon Steel	ASTM A276 316 Stainless Steel
Stem	ASTM A276 Stainless Steel	
Stem Packing	PTFE	
Gland	ASTM B484	ASTM B525
Gland Nut	ASTM A108 Carbon Steel	ASTM A276 316 Stainless Steel
Handle ¹	ASTM A47 Malleable Iron, Zinc Phosphate Finish	
Handle Nut	Carbon Steel, Zinc Plated	

NOTE 1:

- 1/2" (DN 15) and smaller come standard with Cross Handle
- 3/4" (DN 20) and 1" (DN 25) sizes come standard with Tee Handle

PRESSURE TEMPERATURE CURVE



Apollo Valves, Manufactured by **Conbraco Industries, Inc.**
701 Matthews Mint-Hill Road, Matthews, NC 28105 USA
www.apollovalves.com | (704) 841-6000



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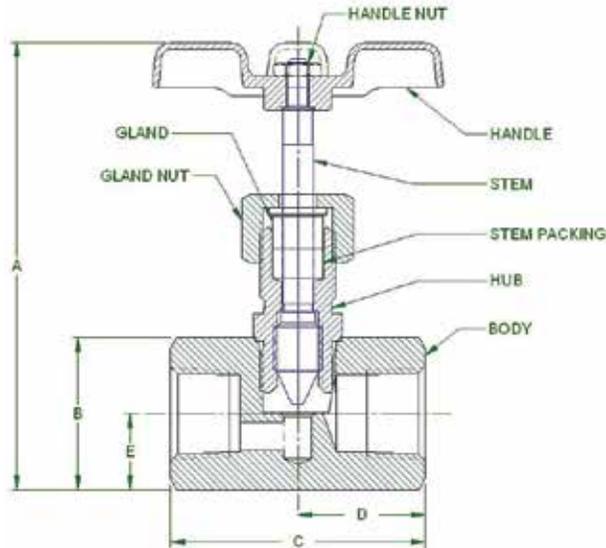
60A Series

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Barstock Globe Valve

PRODUCT NUMBERING GUIDE

60	X	- X	X	X	- XX
SERIES	PRESSURE RATING	STYLE & MATERIAL	END CONNECTIONS	SIZE	OPTIONS
Conbraco Barstock Globe Valves	A = 5000 PSI (345 bar)	1 = Carbon Steel Globe 7 = 316 Stainless Steel Globe	0 = FNPT x FNPT 2 = Socket Weld (Not Available on Angle Valves)	1 = 1/4" (DN 8) 2 = 3/8" (DN 10) 3 = 1/2" (DN 15) 4 = 3/4" (DN 20) 5 = 1" (DN 25)	01 = Standard 07 = Tee Handle (SS) 09 = Lock Bonnet 24 = Grafoil Packing 57 = Oxygen Cleaned 88 = Panel Mount

DIMENSIONS



Size	A				B		C		D		E		Cv	Kv	Weight	
	Min.		Max.		In.	(mm)	In.	(mm)	In.	(mm)	In.	(mm)			lb.	(kg)
	In.	(mm)	In.	(mm)												
1/4" (DN 8)	3.8	(96.5)	4.1	(104.1)	1.38	(35.1)	2.25	(57.2)	1.13	(28.7)	0.69	(17.5)	0.6	(0.5)	1.23	(0.6)
3/8" (DN 10)	3.8	(96.5)	4.1	(104.1)	1.38	(35.1)	2.25	(57.2)	1.13	(28.7)	0.69	(17.5)	0.9	(0.8)	1.19	(0.5)
1/2" (DN 15)	3.8	(96.5)	4.1	(104.1)	1.38	(35.1)	2.75	(69.9)	1.38	(35.1)	0.69	(17.5)	0.8	(0.7)	1.64	(0.7)
3/4" (DN 20)	4.9	(124.5)	5.4	(137.2)	2.00	(50.8)	3.19	(81.0)	1.60	(40.6)	1.00	(25.4)	2.7	(2.3)	3.34	(1.5)
1" (DN 25)	4.9	(124.5)	5.4	(137.2)	2.00	(50.8)	3.62	(92.0)	1.81	(46.0)	1.00	(25.4)	2.6	(2.2)	4.24	(1.9)

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