



Centers

BILL OF MATERIALS

* - Denotes an Optional, Non-Standard Material

No.	Name of Part	Qty.	Material	Max. Temp. (°F)	Material Grade / Notes
010	Upper Body	1	Carbon Steel		A105
011	Lower Body	1	Carbon Steel		A105
012	Tailpipe	2	Low Temp Carbon Steel		A350 GR.LF2
014	Ball Check Retainer	2	316SS		
015	Ball Check	2	440SS		
017	Stem	2	416SS		
018	Stem Packing Ring	2	Low Temp Carbon Steel		A350 GR.LF2
025	Stem Packing	8	Graphite/NICR		
034	Glass Packing	2	Buna-N	250	
			*EPDM	280	
			*PTFE	425	Soft-Woven
035	Lower Glass Ring	1	Low Temp Carbon Steel		A350 GR.LF2
35A	Upper Glass Ring	1	Low Temp Carbon Steel		A350 GR.LF2
013	Tailpipe Nut	2	Low Temp Carbon Steel		A350 GR.LF2
019	Stem Packing Gland	2	Low Temp Carbon Steel		A350 GR.LF2
026	Stem Packing Nut	2	Carbon Steel		A563
028	Handwheel	2	Carbon Steel		
033	Glass Rod Holder	2	Carbon Steel		
34A	Glass Packing Washer	2	Teflon	425	
036	Glass Packing Gland	2	Low Temp Carbon Steel		A350 GR.LF2
037	Glass Packing Nut	2	Low Temp Carbon Steel		A350 GR.LF2
100	Handwheel Nut	2	Carbon Steel		A563
163	Name Plate	1	304SS		

Wetted
Non-Wetted

PRODUCT SPECIFICATIONS

Connection Size	"A" Dim	From Vessel Centers		
		Glass Length	Rod Length	Visible Length
1/2" NPT	3.688"	-1.375"	-2.125"	-4.625"
3/4" NPT	3.688"			
1" NPT	4.125"			

Notes:

- Available in 1/2" 3/4" & 1" NPT Vessel Connection
- Maximum Temperature is Determined by Glass Packing Material
- Maximum Pressure is Determined by Glass Length
- Not recommended for steam service

PRESSURE/TEMPERATURE RATINGS*

*Limited to Gasket & Glass Length

Temp. (°F)	Pressure (PSIG)
100	2400
200	2246
300	2092
400	1938
500	1785
600	1631
700	1477
800	1323

T16 Series Configuration Choices:

Reference the Series T16 Model Number Matrix on our Website or Inquire with our Sales Team

REVISIONS

Rev.	Modification	Date	Done By

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Series T16-430 Carbon Steel Offset Tubular Valves

Sheet: 1 of 1	Drawn By: NPH	Tolerances, unless otherwise noted Dec.: ± Frac.: ±1/16 Ang.: ±	Size: A
Scale: NTS	Approved By: JCW		Rev.: --
Dim.: Var.	Date: 01-DEC-22	Dwg. No.: SC2.0T16.00.0.0	