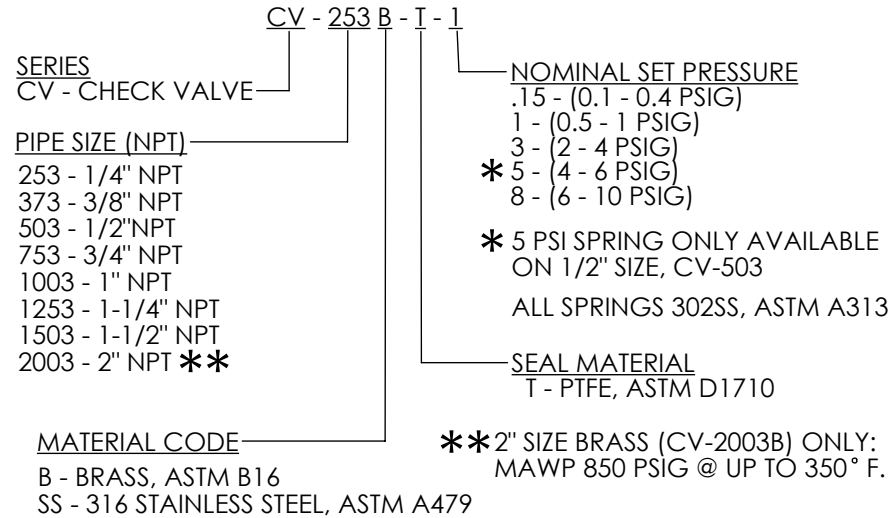


TECHNICAL DATA

NOMINAL CRACK PRESSURE: .15, 1, 3, 5* & 8 PSIG
 MAX. OPERATING PRESSURE: 1000 PSIG @ UP TO 350° F. **
 LEAKAGE IN CHECK DIRECTION (AMBIENT):
 < 20 cc /MIN @ 25 PSI, NITROGEN
 EXTERNAL LEAKAGE: ZERO
 LUBRICANT: KRYTOX 205 ON COPPER CRUSH WASHER
 TEMPERATURE RANGE: -452° F TO 350° F.
 SUITABLE FOR LIQUID CRYOGENIC SERVICE

REVISIONS			
REV.	DESCRIPTION	DCR #	DATE
A	CONVERTED TO ACAD	1163	9/16/2010
B	UPDATED WITH ADDITIONAL SIZES	2093	3/6/2013
C	UPDATED DRAWING	2192	6/21/2013
D	UPDATED TEMPERATURE RANGE	3508	2/6/2017
E	UPDATED DRAWING REMOVED 303 STAINLESS MATERIAL CODE DERATED 2" SIZE BRASS MAWP TO 850 PSIG	4829	10/21/2020
F	CHANGED PART NUMBER IDENTIFIED ASTM NUMBERS FOR MATERIAL	4832	10/23/2020

HOW TO ORDER

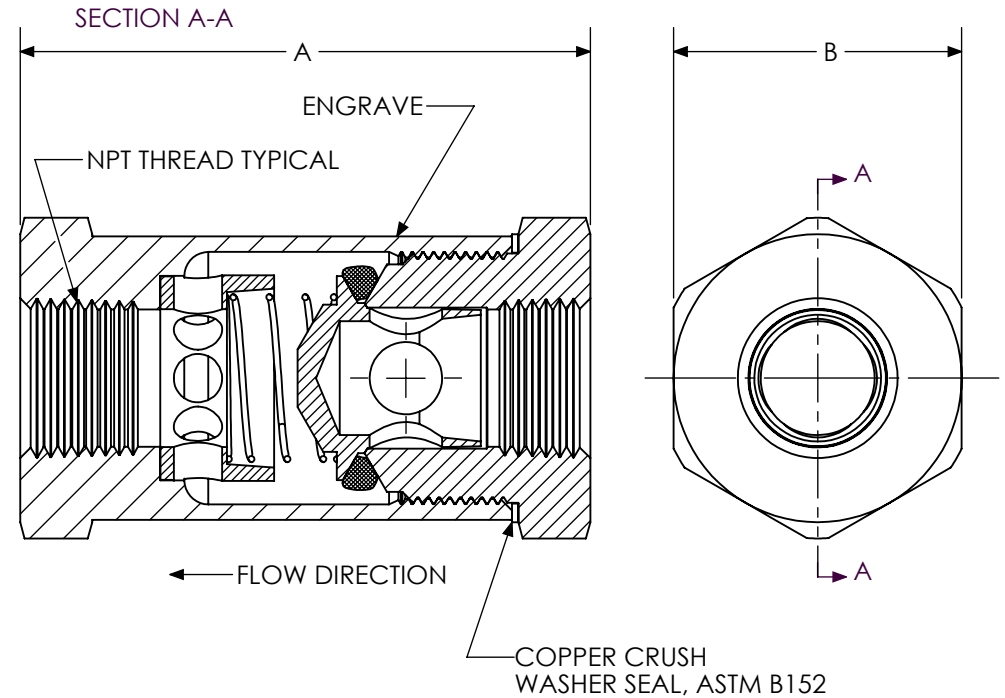


PIPE SIZE	THREAD	A (INCH)	B	Cv
253	1/4" - 18 NPT	2.25	1"	3.0
373	3/8" - 18 NPT	2.43	1-1/8"	3.9
503	1/2" - 14 NPT	2.93	1-1/2"	7.4
753	3/4" - 14 NPT	3.37	1-3/4"	11.4
1003	1" - 11-1/2 NPT	3.99	2"	14.2
1253	1-1/4" - 11-1/2 NPT	4.53	2-3/4"	26.8
1503	1-1/2" - 11-1/2 NPT	5.29	2-3/4"	26.8
2003	2" - 11-1/2 NPT	6.13	Ø 3-11/32"	51.0

NOTES:

- 1) CLEANED AND PACKAGED FOR OXYGEN SERVICE.
- 2) NPT THREADS CONFORM TO ANSI/ASME STANDARD B1.20.1

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MATL: AS SPECIFIED	GENERANT			
TOLERANCE SCHEDULE UNLESS OTHERWISE SPECIFIED	TITLE: CRYOGENIC LIQUID SERVICE CHECK VALVE			
FRACTIONAL: ± 1/64" ANGLES: ± 1/2° XX ± .010 XXX ± .005	DWG NUMBER: CV-XX3X-T-X			
CONCENTRICITY: .005 T.I.R. FINISHED SURFACES: 63 Ra BREAK CORNERS/EDGES: .016 MAX	DRAWN BY: HH	DATE: 9/16/2010	SCALE: 1:1	SHEET: 1 of 1