

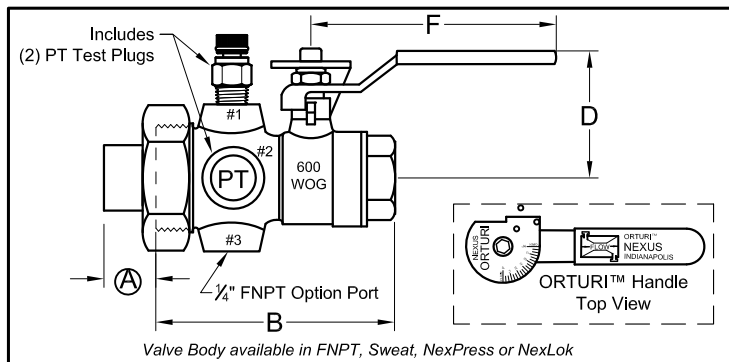









# UltraXB Orturi™ Model XB

## Calibrated Manual Balancing Valve









(½" thru 2½")

DIMENSIONS [inches]										
SIZE [inches]	LO	STD	A	B				D	F	WT [lbs] (Tail Pieces & Nuts not included)
				F (NPT)	S (Sweat)	P (NexPress)	L (NexLok)			
½		✓		2.9	3.1	3.5	3.2	1.7	1.9	0.8
¾	✓			2.9	3.2	3.5	3.4	1.7	1.9	0.9
¾		✓		3.1	3.3	3.6	3.6	1.8	3.1	1.5
1	✓			3.3	3.4	3.5	3.9	1.7	1.9	1.0
1		✓		3.3	3.5	3.6	4.1	1.8	3.1	1.8
1¼	✓			3.6	3.6	5.7	6.2	1.8	3.1	2.2
1¼		✓		4.1	4.3	6.3	6.7	2.5	4.3	3.5
1½		✓		4.1	4.4	6.6	6.9	2.5	4.3	3.8
2		✓		5.0	5.8	7.7	8.1	3.4	5.5	4.9
2½		✓		5.2	6.0	-	-	3.4	5.5	5.2



TAIL PIECE OPTION	Nexus P/N	Lengths [inches]	Use with Valve Body size		
<b>MNPT</b> (Male NPT Thread) 	TP075-050M	1.00	½, ¾ LO, 1 LO		
	TP125-050M	1.04	¾ STD, 1 STD, 1¼ LO		
	TP125-075M	1.16			
	TP125-100M	1.29			
	<b>FNPT</b> (Female NPT Thread) 	TP200-050M	1.04	1¼ STD, 1½	
		TP200-075M	1.16		
		TP200-100M	1.39		
<b>SWT</b> (Female Sweat) 		TP200-125M	1.85	1¼ STD, 1½	
		TP200-150M	1.89		
		TP250-100M	1.93		
		<b>NexPress</b> 	TP250-125M	1.93	2, 2½
	TP250-150M		1.97		
	TP250-200M		2.00		
	<b>NexLok</b> 		TP125-050F	1.00	¾ STD, 1 STD, 1¼ LO
TP125-075F			1.00		
TP125-100F			1.20		
<b>NexLok</b> 			TP200-100F	1.61	1¼ STD, 1½
		TP200-125F	1.57		
		TP200-150F	1.16		
		<b>NexLok</b> 	TP250-125F	1.77	2, 2½
	TP250-150F		1.97		
	TP250-200F		1.36		
	<b>NexLok</b>		TP250-250F	1.74	2, 2½
TP075-038S			0.58	½, ¾ LO, 1 LO	
TP075-050S			0.59		
<b>NexLok</b>			TP125-050S		0.60
		TP125-075S	0.85		
		TP125-100S	1.00		
		<b>NexLok</b>	TP200-075S	1.85	1¼ STD, 1½
	TP200-100S		1.85		
	TP200-125S		1.85		
	<b>NexLok</b>		TP200-150S	1.38	1¼ STD, 1½
TP250-125S			1.69	2, 2½	
TP250-150S			1.97		
<b>NexLok</b>			TP250-200S		1.65
		TP125-050P	1.46	¾ STD, 1 STD, 1¼ LO	
		TP125-075P	1.54		
		<b>NexLok</b>	TPA125-100P		3.85
	TP200-100P		1.58	1¼ STD, 1½	
	TPA200-125P		3.70		
	<b>NexLok</b>		TPA200-150P		3.63
TPA250-150P			4.44	2, 2½	
TPA250-200P			4.07		
<b>NexLok</b>			TP125-050L		1.03
		TP125-075L	1.29		
		TP200-100L	1.66	1¼ STD, 1½	
		<b>NexLok</b>	TPA200-125L		4.25
	TPA200-150L		4.05		
	TPA250-125L		4.43	2, 2½	
	<b>NexLok</b>		TPA250-150L		4.85
TPA250-200L			4.40		

MATERIALS & DESIGN DATA	
BODY	.....DZR BRASS (dezincification resistant) 600 WOG, 325°F, ¼" FNPT OPTION PORT (3 EACH)
FIXED END	.....DZR BRASS (dezincification resistant) NexPress: 200 PSIG, 250°F / NexLok: 250 PSIG, 200°F / NexLok LD: 200 PSIG, 200°F
HANDLE & NUT MEMORY STOP	.....ZINC PLATED / PVC COATED .....MS-1: 1080 COLD ROLLED STEEL, COATED .....MS-3: 304 STAINLESS STEEL
BALL	.....HARD CHROME PLATED BRASS / STAINLESS STEEL (optional)
BALL SEALS	.....TEFLON
SHAFT	.....BRASS / STAINLESS STEEL (optional) BLOWOUT-PROOF
SHAFT SEALS	.....DUAL FKM O-RINGS
UNION SEALS	.....FKM O-RING
ACCURACY	.....±3%

ACCESSORIES	
	<input type="checkbox"/> A .... AV-025. AUTOMATIC AIR VENT 245°F, 145 PSIG, positive shut-off, ¼" MNPT
	<input type="checkbox"/> B .... BD-025. BLOWDOWN / VENT / DRAIN 325°F, 600 PSIG, ¼" hose bib & cap
	<input type="checkbox"/> E .... ES-1M, ES-2M, ES-3M. EXTENDED HANDLE Stationary housing, for full-height vapor barrier
	<input type="checkbox"/> H .... HT. HANGING TAG with Model No., Location, Flow Rate (Maximum 7 Characters)
	<input type="checkbox"/> L .... SL. SHORT LEVER HANDLE
	<input type="checkbox"/> V .... MV-025. MANUAL AIR VENT 325°F, 400 PSIG, ¼" MNPT, Side Discharge
	<input type="checkbox"/> X .... MV-025L. MANUAL AIR VENT EXTENDED 325°F, 400 PSIG, ¼" MNPT, Side Discharge, 2¼" O.A.L.
	<input type="checkbox"/> .... PTE. PRES / TEMP TEST PLUG EXTENSION 1½" O.A.L.

FLOW RATE SELECTION GUIDE		
FLOW SELECTOR	SIZE(s)	Cv
1A	½, ¾ LO, 1 LO	0.66
1B	½, ¾ LO, 1 LO	1.32
1C	½, ¾ LO, 1 LO	3.53
1D	½, ¾ LO, 1 LO	0.30
2B	¾ STD, 1 STD, 1¼ LO	1.32
2A	¾ STD, 1 STD, 1¼ LO	2.46
3A	¾ STD, 1 STD, 1¼ LO	3.53
3B	¾ STD, 1 STD, 1¼ LO	7.42
3C	¾ STD, 1 STD, 1¼ LO	16.60
4A	1¼ STD, 1½	16.60
5A	1¼ STD, 1½	29.70
6A	2, 2½	51.60
6B	2, 2½	29.70

PROJECT \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

PO/JOB NO. \_\_\_\_\_

ENGINEER \_\_\_\_\_

REPRESENTATIVE \_\_\_\_\_

DATE \_\_\_\_\_

Please consult the "Ordering Guide" section in Nexus Valve Catalog for complete part number and ordering information.