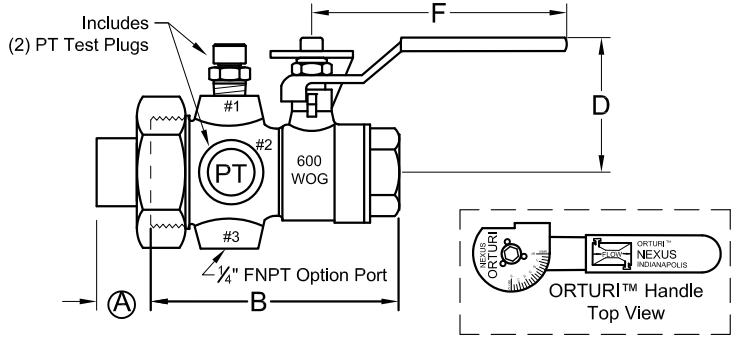


UltraXB Orturi™ Model XB


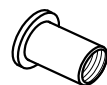




Calibrated Manual Balancing Valve

(1/2" thru 2 1/2")

Valve Body available in FNPT, Sweat or NexPress



DIMENSIONS [inches]									
SIZE [Inches]	LO	STD	A	B			D	F	WT [lbs] (Tail Pieces & Nuts not included)
				F (NPT)	S (sweat)	P (NexPress)			
1/2		✓		2.9	3.1	3.5	1.7	1.9	0.8
3/4	✓			2.9	3.2	3.5	1.7	1.9	0.9
3/4		✓		3.1	3.3	3.6	1.8	3.1	1.5
1	✓			3.3	3.4	3.5	1.7	1.9	1.0
1		✓		3.3	3.5	3.6	1.8	3.1	1.8
1 1/4	✓			3.6	3.6	5.7	1.8	3.1	2.2
1 1/4		✓		4.1	4.3	6.3	2.5	4.3	3.5
1 1/2		✓		4.1	4.4	6.6	2.5	4.3	3.8
2		✓		5.0	5.8	7.7	3.4	5.5	4.9
2 1/2		✓		5.2	6.0	-	3.4	5.5	5.2

TAIL PIECE OPTION	Nexus P/N	Lengths [inches]	Use with Valve Body size	
 MNPT (Male NPT Thread)	TP075-050M	1.00	1/2, 3/4 LO, 1 LO	
	TP125-050M	1.04	3/4 STD, 1 STD, 1 1/4 LO	
	TP125-075M	1.16		
	TP125-100M	1.29		
	TP200-050M	1.04	1 1/4 STD, 1 1/2	
	TP200-075M	1.16		
	TP200-100M	1.39		
	TP200-125M	1.85		
TP200-150M	1.89			
 FNPT (Female NPT Thread)	TP250-100M	1.93	2, 2 1/2	
	TP250-125M	1.93		
	TP250-150M	1.97	2, 2 1/2	
	TP250-200M	2.00		
	TP125-050F	1.00		3/4 STD, 1 STD, 1 1/4 LO
	TP125-075F	1.00		
	TP125-100F	1.20		
 SWT (Female Sweat)	TP200-100F	1.61	1 1/4 STD, 1 1/2	
	TP200-125F	1.57		
	TP200-150F	1.16		
	TP250-125F	1.77		
	 NexPress	TP250-150F	1.97	2, 2 1/2
		TP250-200F	1.36	
TP250-250F		1.74	2, 2 1/2	
TP075-050S		0.59		1/2, 3/4 LO, 1 LO
TP125-050S		0.60		3/4 STD, 1 STD, 1 1/4 LO
TP125-075S	0.85			
TP125-100S	1.00			
 NexPress	TP200-075S	1.85	1 1/4 STD, 1 1/2	
	TP200-100S	1.85		
	TP200-125S	1.85		
	TP200-150S	1.38		
	TP250-125S	1.69	2, 2 1/2	
	TP250-150S	1.97		
	TP250-200S	1.65	3/4 STD, 1 STD, 1 1/4 LO	
	TP125-050P	1.46		
	TP125-075P	1.54		
	TPA125-100P	3.85		
TPA125-125P	4.23			
TP200-100P	1.58	1 1/4 STD, 1 1/2		
TPA200-125P	3.70			
TPA200-150P	3.63			
 NexPress	TPA250-150P	4.44	2, 2 1/2	
	TPA250-200P	4.07		

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

ACCESSORIES		
Order Code	Part No.	Description
<input type="checkbox"/>	A	AV-025. AUTOMATIC AIR VENT 250°F, 150 PSIG, positive shut-off, 1/4" MNPT
<input type="checkbox"/>	B	BD-025. BLOWDOWN / VENT / DRAIN 325°F, 600 PSIG, 3/4" 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, 1/4" MNPT, Side Discharge
<input type="checkbox"/>	X	MV-025L. MANUAL AIR VENT EXTENDED 325°F, 400 PSIG, 1/4" MNPT, Side Discharge, 2 1/2" O.A.L. PTE. PRES / TEMP TEST PLUG EXTENSION 1 1/2" O.A.L.

MATERIALS & DESIGN DATA	
BODY, END PCSHOT FORGED BRASS ASTM B283, 600 WOG, 325°F, SELECTION OF UNION ENDS, 1/4" FNPT OPTION PORT
HANDLE & NUTZINC PLATED / PVC COATED
MEMORY STOPMS-1: 1080 COLD ROLLED STEEL, COATED MS-3: 304 STAINLESS STEEL
BALLHARD CHROME PLATED BRASS / STAINLESS STEEL (optional)
BALL SEALSTEFLON
SHAFTBRASS / STAINLESS STEEL (optional) BLOWOUT-PROOF
SHAFT SEALSDUAL FKM O-RINGS
UNION SEALSFKM O-RING
ACCURACY±3%

PROJECT _____

CONTRACTOR _____

PO/JOB NO. _____

ENGINEER _____

REPRESENTATIVE _____

DATE _____

For part numbers and ordering information please consult the "Ordering Guide" section in Nexus Catalog.